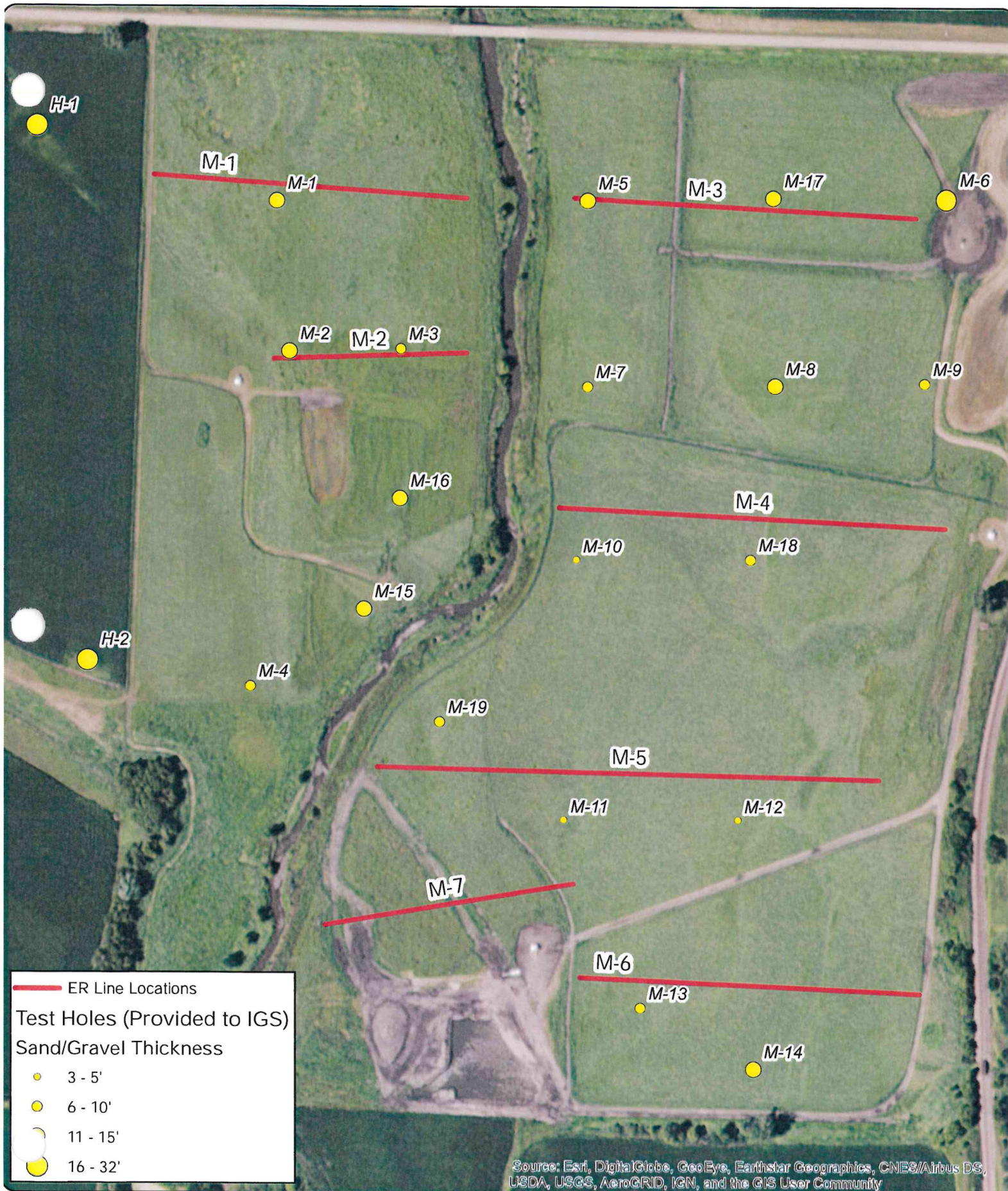


McCune Property Geophysical Survey



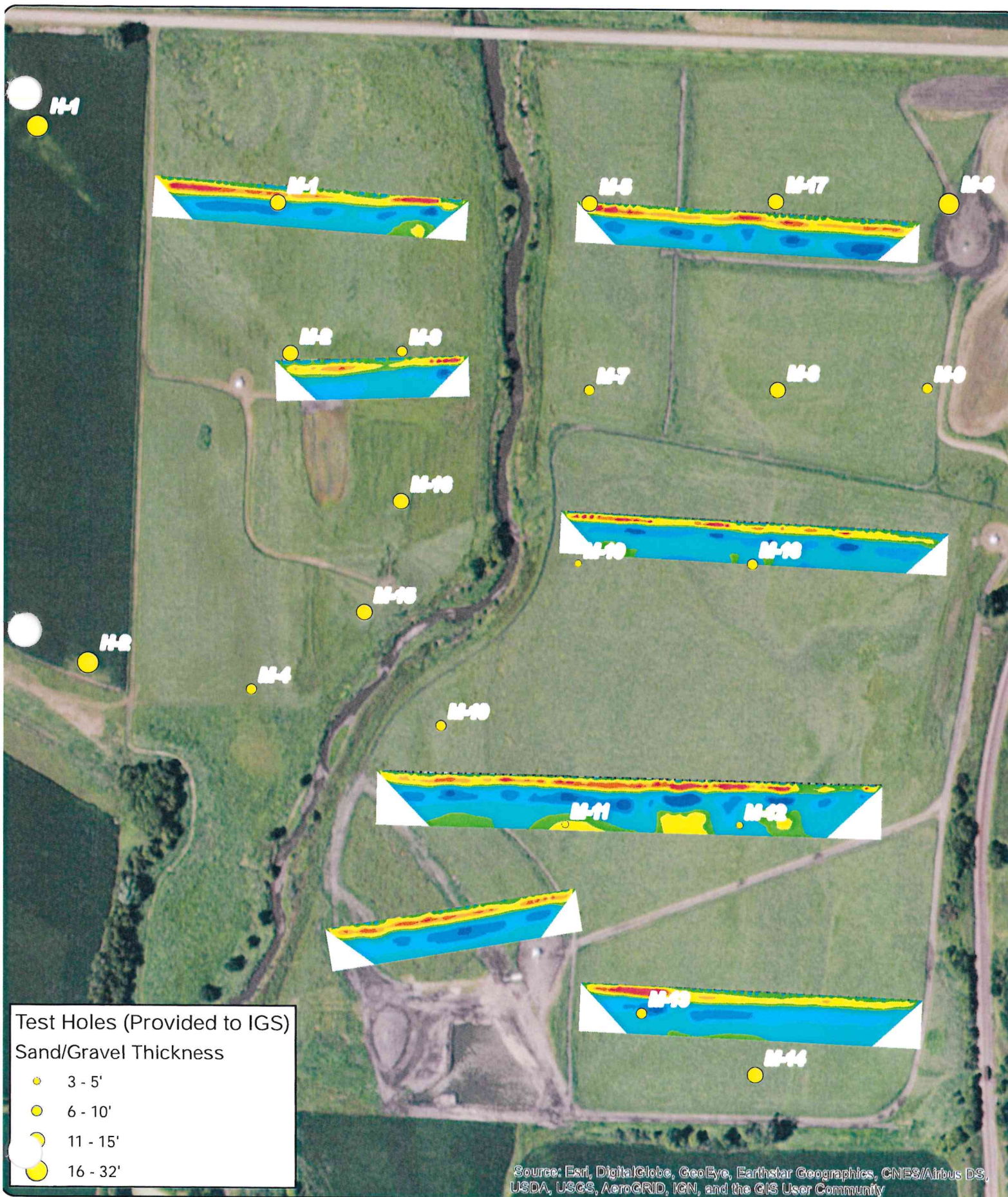
0 250 500 1,000 Feet

McCune Property Geophysical Survey



0 250 500 1,000 Feet

McCune Property Geophysical Survey

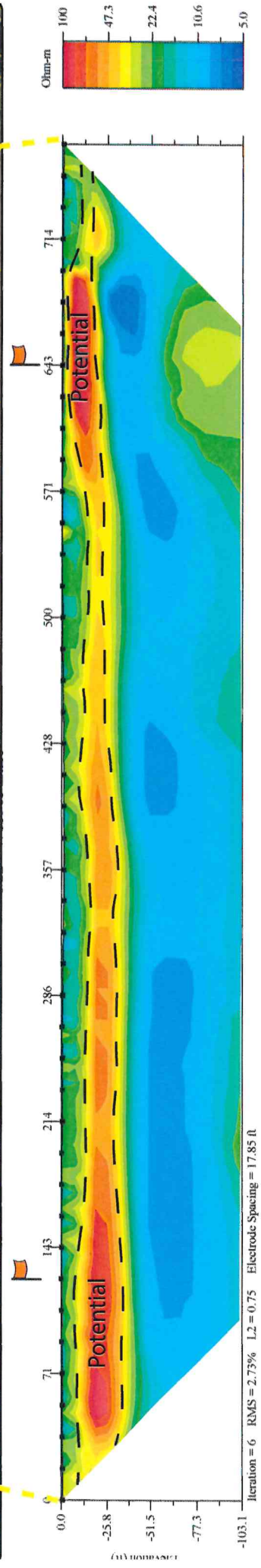


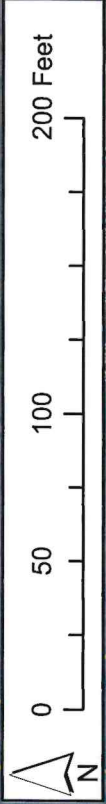
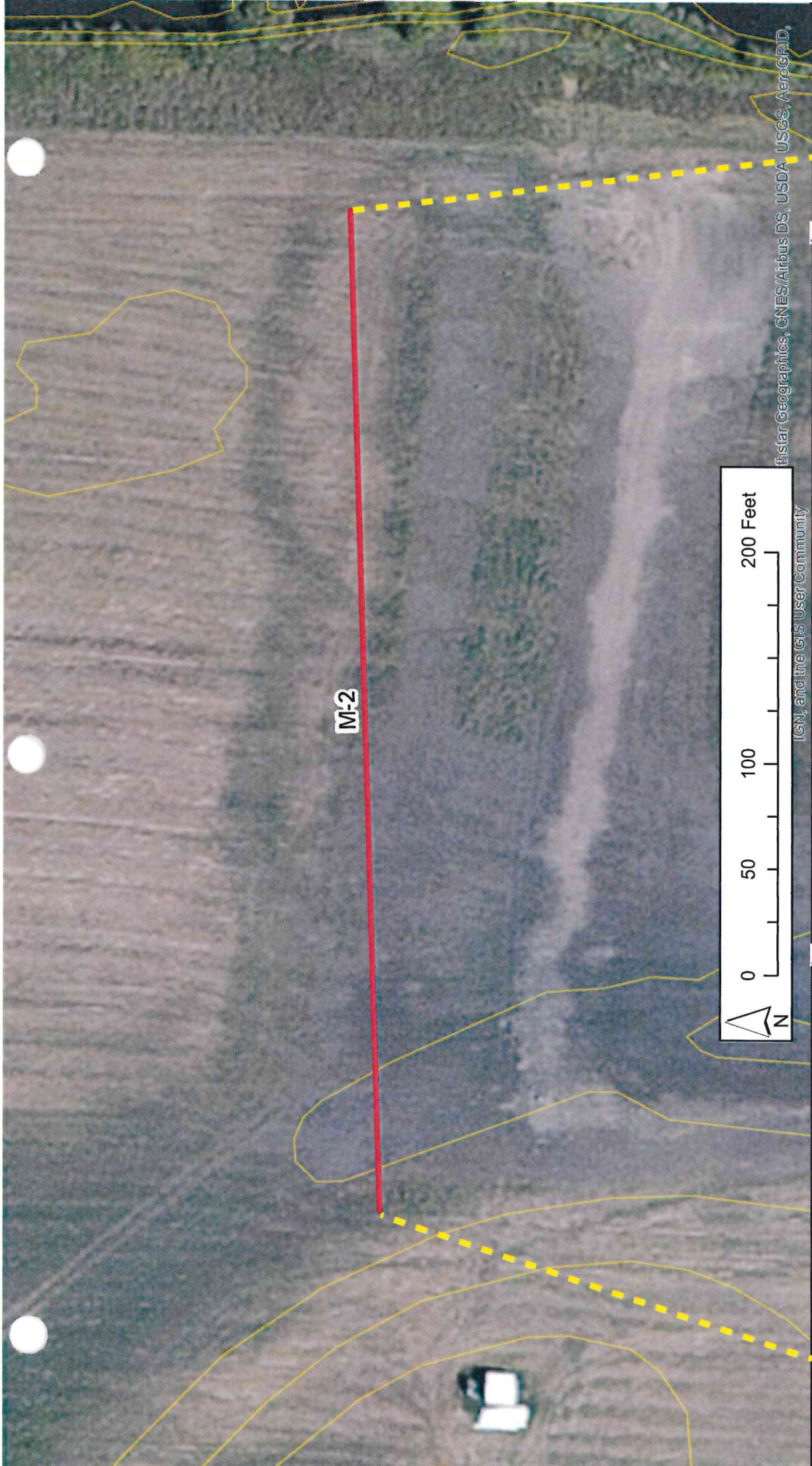
0 250 500 1,000 Feet



ter Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,

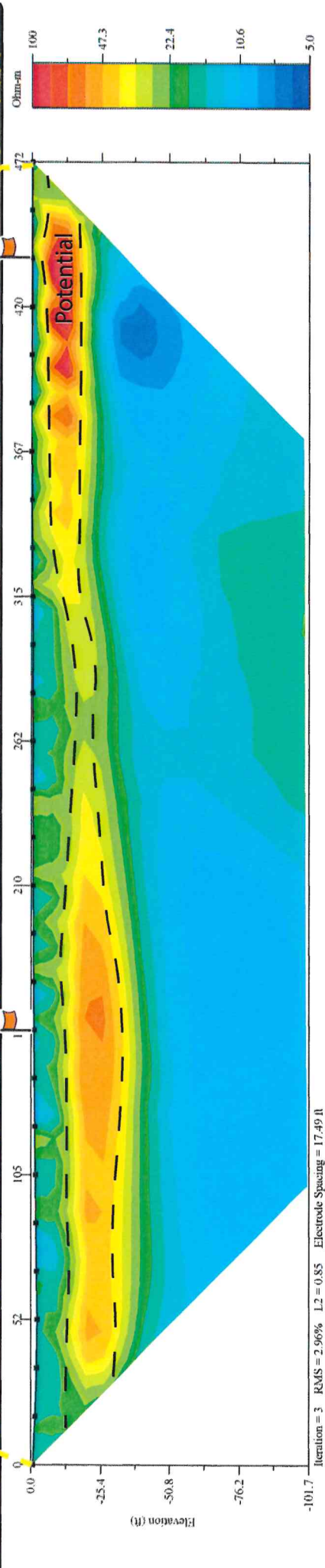
IGN, and the GIS User Community

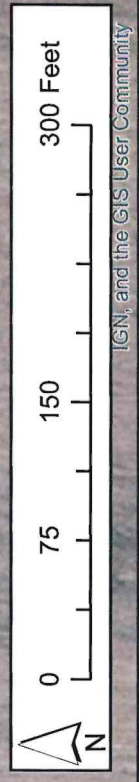
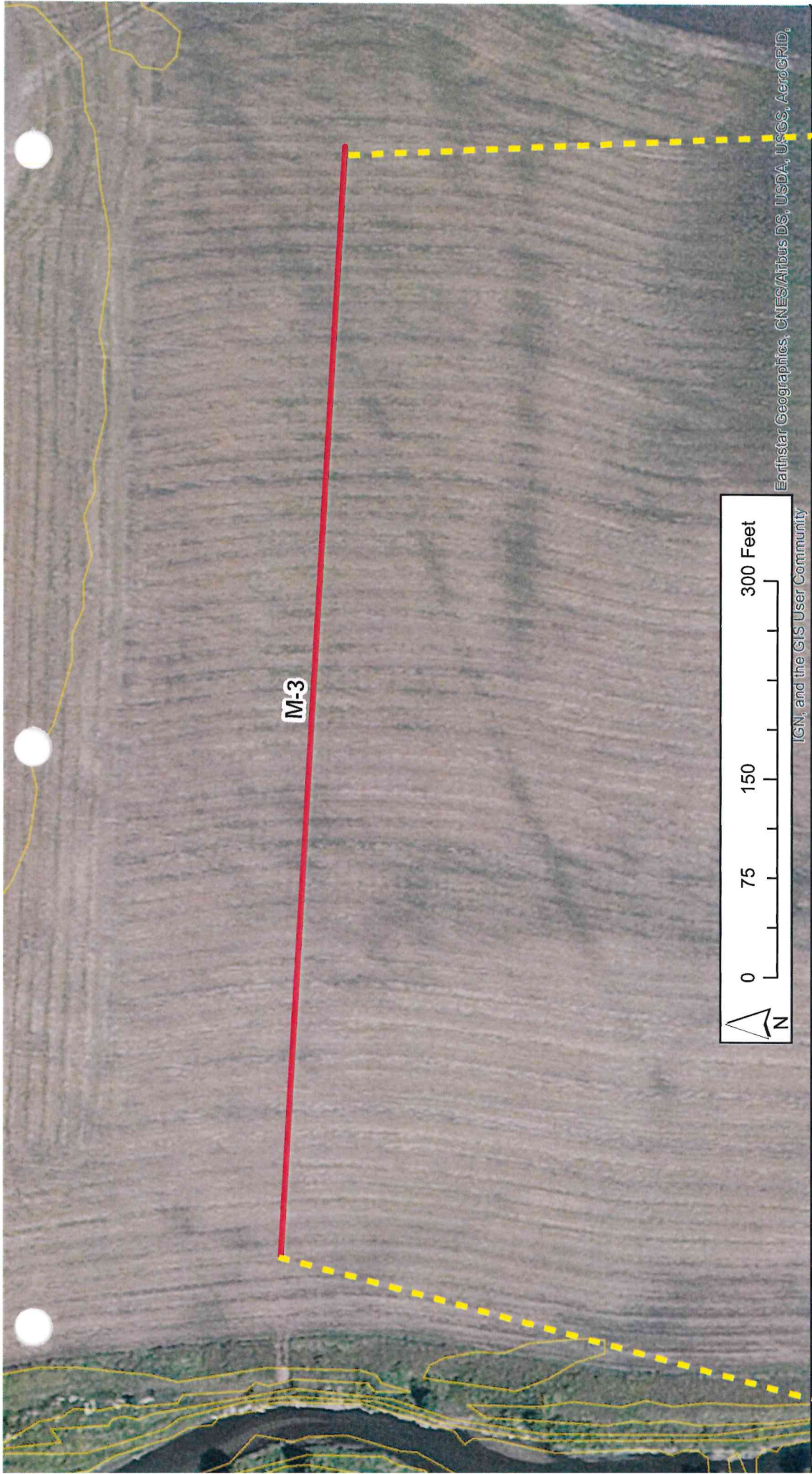




Finstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,

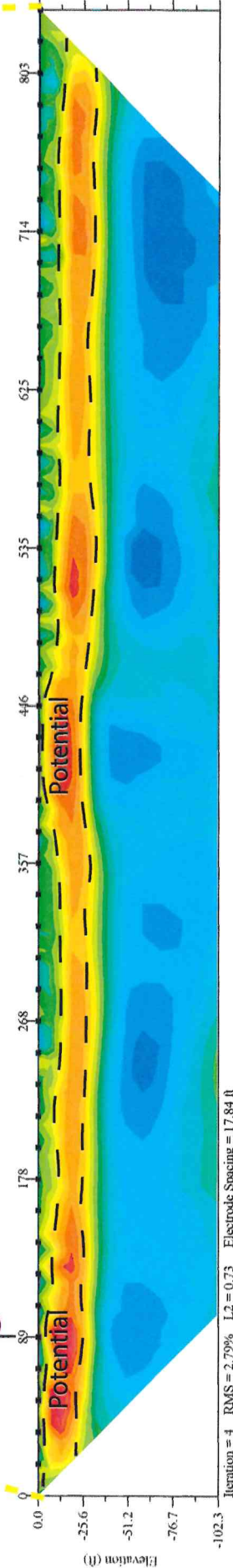
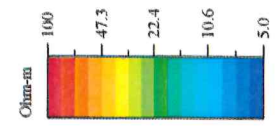
IGN, and the GIS User Community

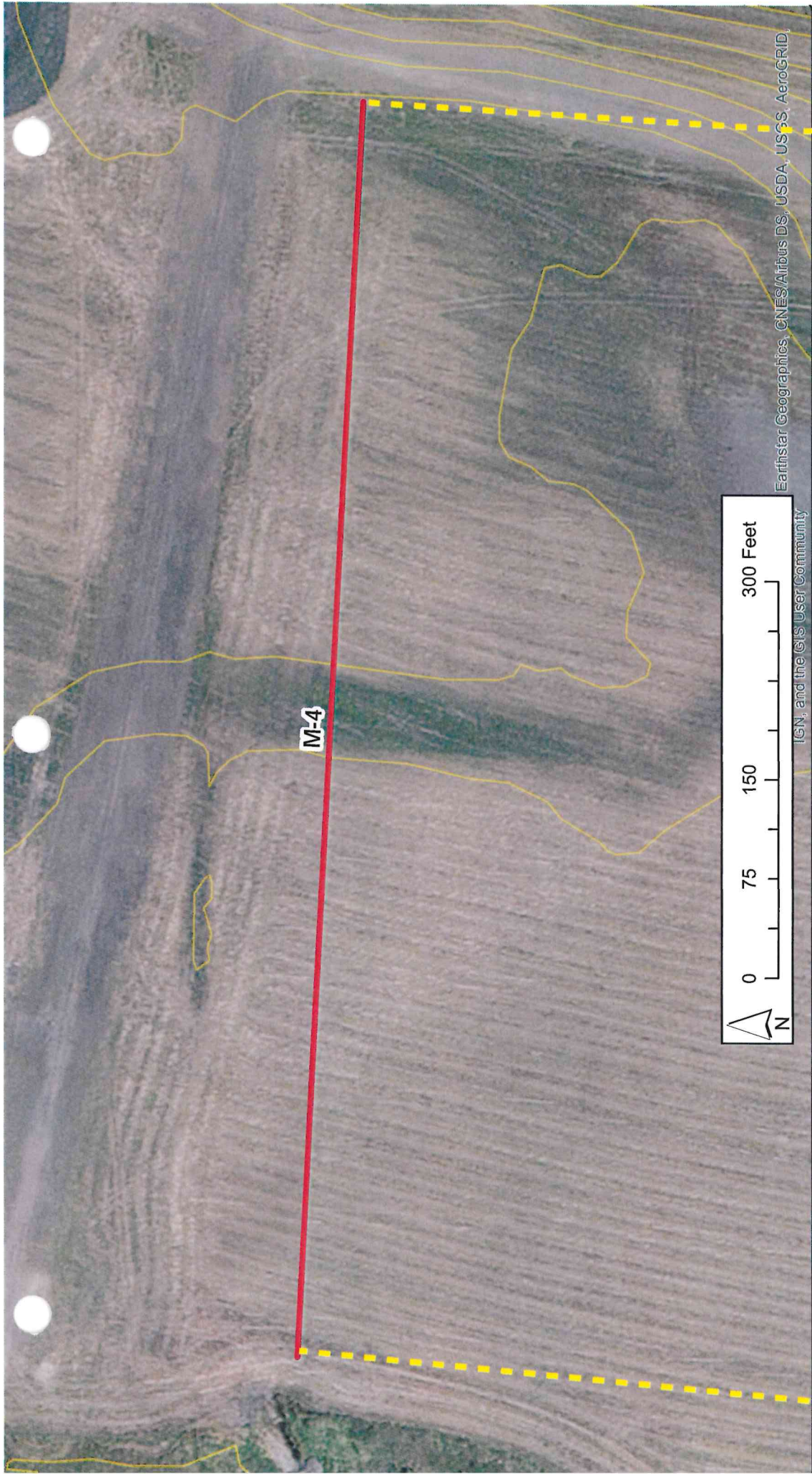




Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,

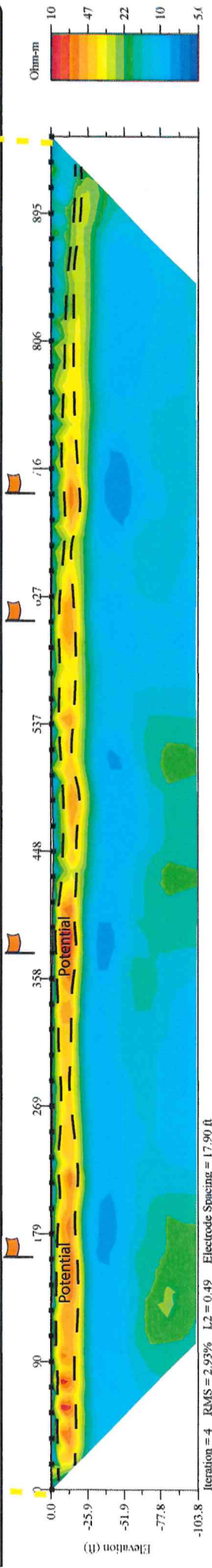
IGN, and the GIS User Community



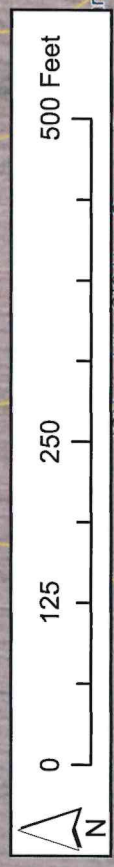
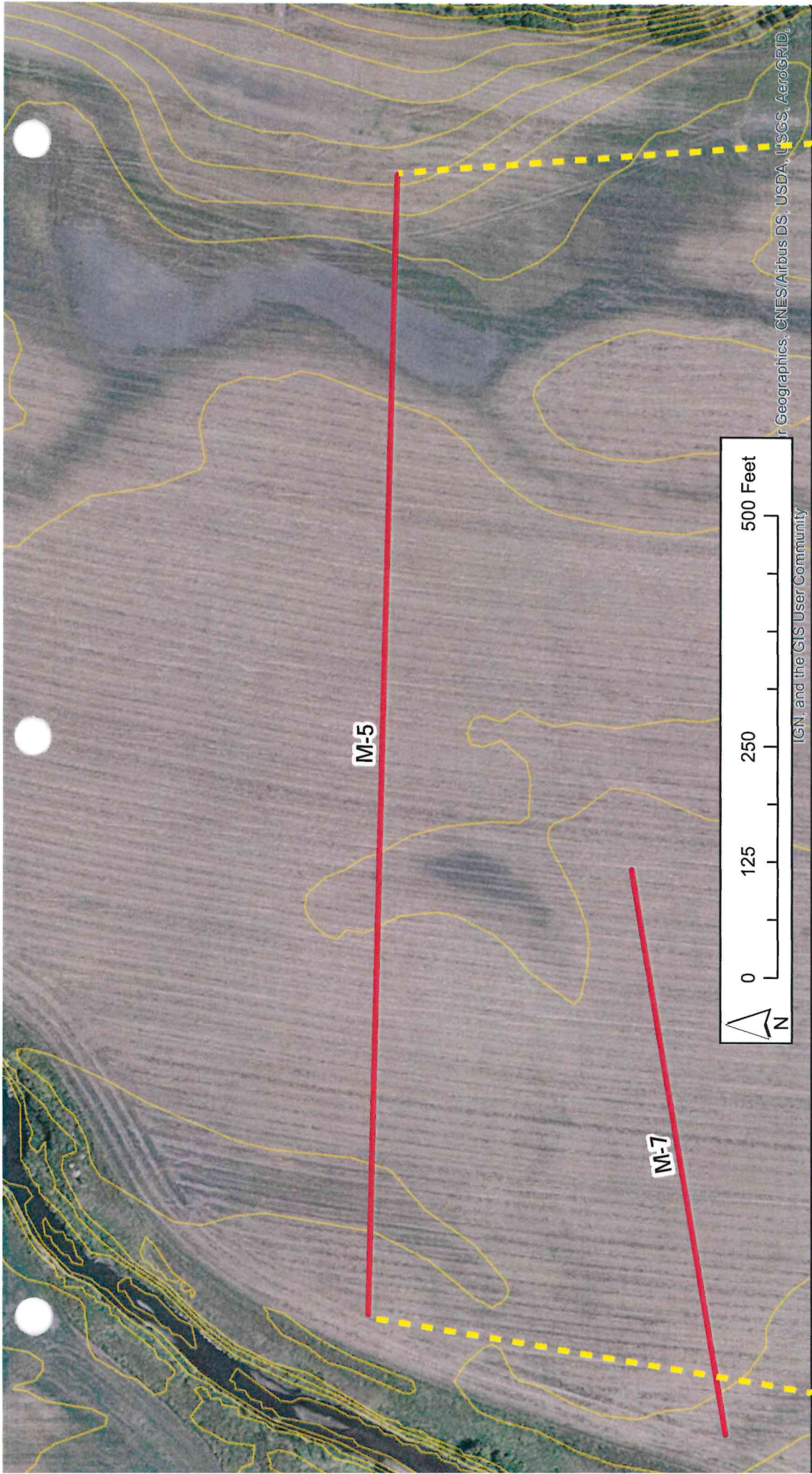


Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,

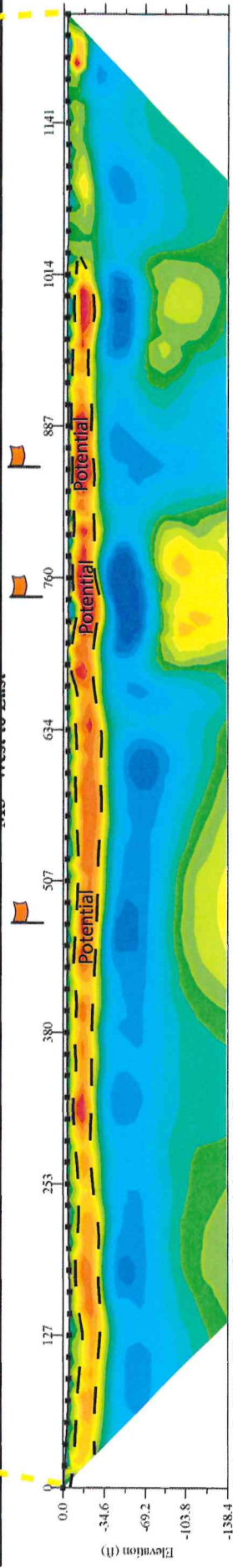
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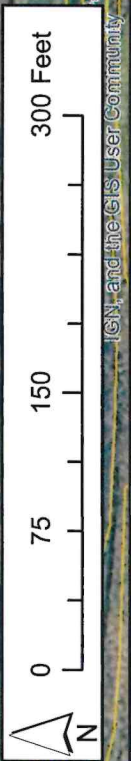
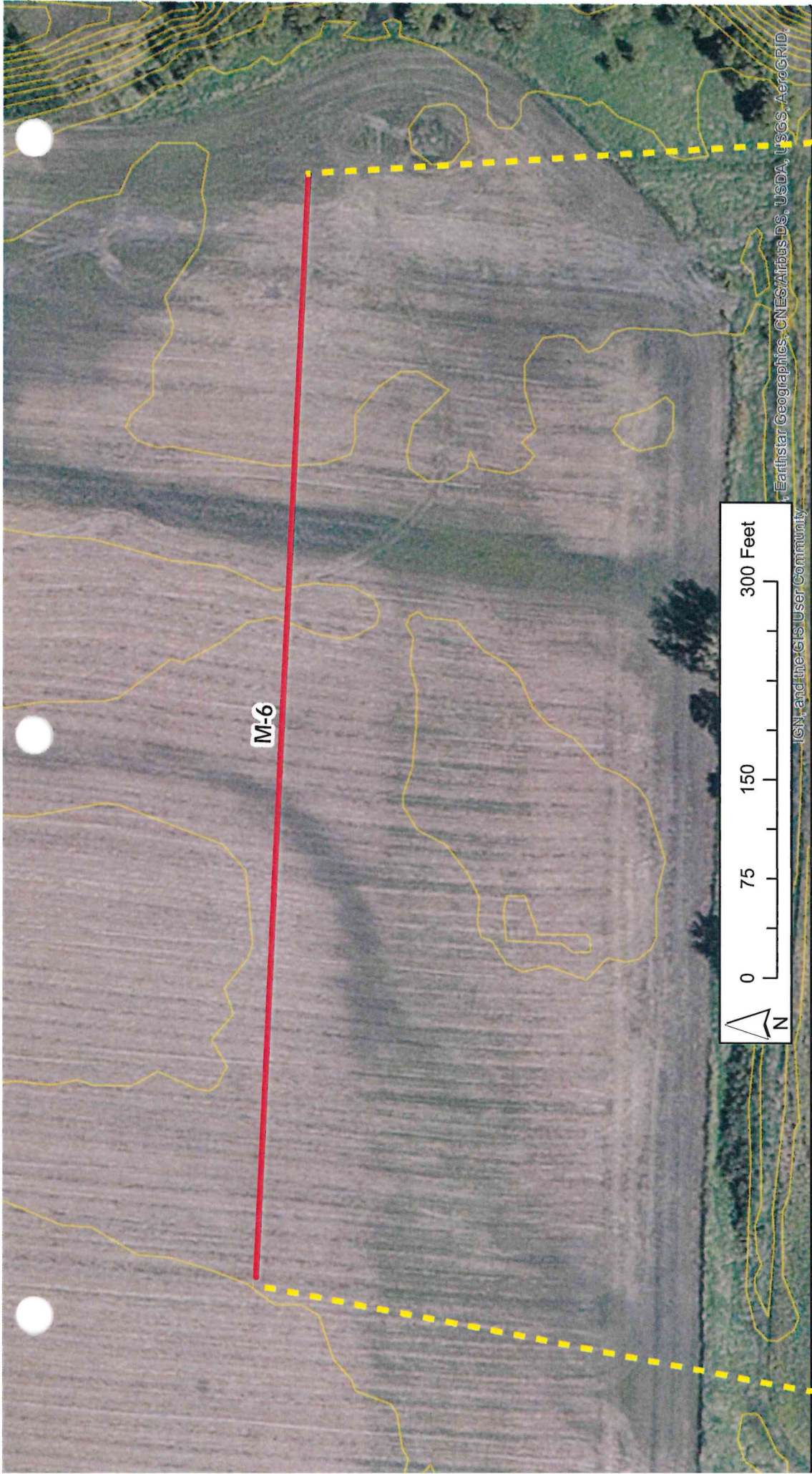
Iteration = 4 RMS = 2.93% L2 = 0.49 Electrode Spacing = 17.90 ft



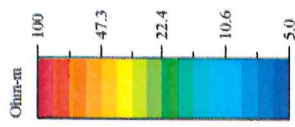
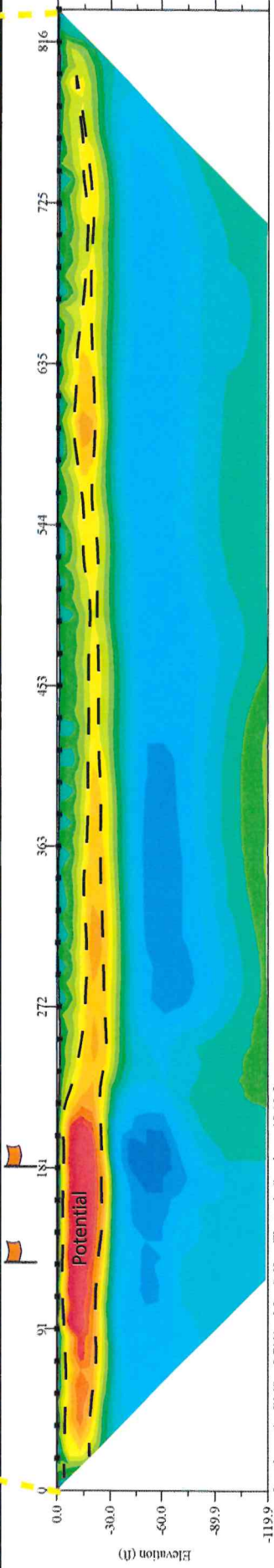
Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,



Iteration = 5 RMS = 2.88% I2 = 0.65 Electrode Spacing = 18.10 ft



Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID,

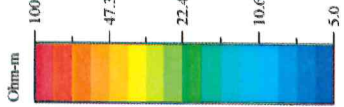
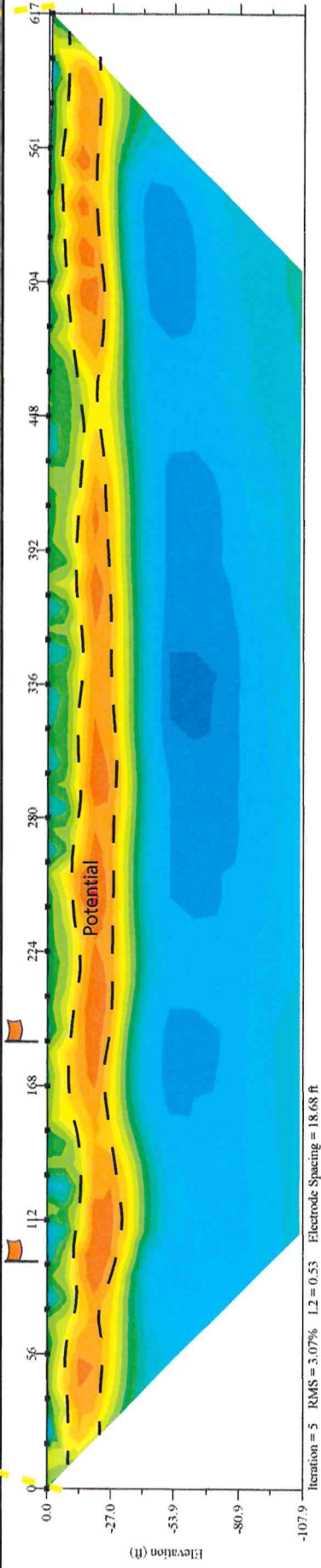


Iteration = 4 RMS = 2.70% L2 = 0.63 Electrode Spacing = 18.13 ft



Topographic, CNES/Airbus DS, USDA, USGS, AeroGRID,

IGN, and the GIS User Community



Iteration = 5 RMS = 3.07% I.2 = 0.53 Electrode Spacing = 18.68 ft



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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M1	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 25.9"	
LONGITUDE: 095° 53' 22.2"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	4	Topsoil
4	19	Fine, medium and coarse sand and fine, medium and coarse gravel
19	30	Clay

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M2	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 22.2"	
LONGITUDE: 095° 53' 22.0"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	5	Topsoil
5	18	Fine, medium and coarse sand and fine, medium and coarse gravel
18	30	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M3	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 22.3"	
LONGITUDE: 095° 53' 18.6"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	5	Topsoil
5	15	Fine, medium and coarse sand and fine, medium and coarse gravel
15	30	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M4	
LOCATION: SW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 14.3"	
LONGITUDE: 095° 53' 21.4"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	6	Topsoil
6	16	Fine, medium and coarse gravel
16	33	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M5	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 25.5"	
LONGITUDE: 095° 53' 13.3"	
FOOTAGES:	
DATE: 11-17-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	11	Topsoil and clay
11	22	Fine, medium and coarse sand and fine, medium and coarse gravel
22	30	Shale

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M6	
LOCATION: NE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 25.3"	
LONGITUDE: 095° 53' 02.5"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	7	Topsoil
7	20	Fine, medium and coarse gravel and medium and coarse sand
20	26	Fine, medium and coarse sand and gravel
26	30	Clay

This is well PL1-9

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M7	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 22"	
LONGITUDE: 095° 53' 13.3"	
FOOTAGES:	
DATE: 11-17-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	6	Topsoil and clay
6	16	Fine, medium and coarse sand and fine, medium and coarse gravel
16	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M8	
LOCATION: NE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 21.4"	
LONGITUDE: 095° 53' 09.6"	
FOOTAGES:	
DATE: 11-17-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	5	Topsoil
5	17	Fine, medium and coarse sand and fine, medium and coarse gravel
17	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M9	
LOCATION: NE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 20.9"	
LONGITUDE: 095° 53' 05.7"	
FOOTAGES:	
DATE: 11-17-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	6	Topsoil and clay
6	12	Fine, medium and coarse sand and gravel
12	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-10	
LOCATION: SW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 30.8"	
LONGITUDE: 095° 53' 13.0"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	11	Topsoil and clay
11	14	Fine to medium gravel
14	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-11	
LOCATION: SW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 23.8"	
LONGITUDE: 095° 53' 15.0"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	11	Topsoil and clay
11	15	Medium to coarse gravel and coarse sand with cobbles and hard layers
15	40	Clay

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-12	
LOCATION: SE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 23.1"	
LONGITUDE: 095° 53' 07.5"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	5	Topsoil and clay
5	10	Medium to coarse gravel
10	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-13	
LOCATION: SE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 11.3"	
LONGITUDE: 095° 53' 15.1"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	11	Topsoil and clay
11	18	Medium to coarse gravel and coarse sand with hard ledges
18	20	Clay

dh

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M14D	
LOCATION: SE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 04.7"	
LONGITUDE: 095° 53' 05.5"	
FOOTAGES:	
DATE: 11-17-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	10	Topsoil
10	20	Fine, medium and coarse sand and gravel
20	24	Fine, medium and coarse sand and fine, medium and coarse gravel
24	55	Yellow clay
55	60	Fine, medium and coarse sand
60	80	Blue clay and sand streaks
80	160	Gray clay and cobbles
160	239	Gray clay
239	261	Fine and medium sand
261	280	Shale

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M15	
LOCATION: NW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 19.3"	
LONGITUDE: 095° 53' 18.3"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	5	Topsoil
5	16	Fine, medium and coarse sand and fine, medium and coarse gravel
16	20	Shale

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M16	
LOCATION: SW ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 16.9"	
LONGITUDE: 095° 53' 18.4"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

from feet - to feet

0	6	Topsoil
6	20	Fine, medium and coarse sand and fine, medium and coarse gravel
20	30	Clay

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M17	
LOCATION: NE ¼ NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 25.6"	
LONGITUDE: 095° 53' 08.8"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: CL

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	6	Topsoil
6	20	Fine, medium and coarse gravel and medium and coarse sand
20	25	Clay

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-18	
LOCATION: NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE: 43° 08' 29.9"	
LONGITUDE: 095° 53' 04.7"	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	10	Topsoil and clay
10	16	Fine to medium gravel and coarse sand
16	35	Clay

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TEST HOLE LOG

CUSTOMER: Hospers Rural Water System #1	
WELL ID: M-19	
LOCATION: NE ¼, 14-T96N-R43W, Sioux Co., IA	
LATITUDE:	
LONGITUDE:	
FOOTAGES:	
DATE: 11-16-09	DRILLED BY: Derek

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	11	Topsoil and clay
11	18	Fine to medium gravel and coarse sand with hard layers
18	30	Clay

dh

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TEST HOLE LOG

CUSTOMER: Rural Water System #1	
WELL ID: #H-1	
LOCATION:	
LATITUDE: 43° 8' 28.4"	
LONGITUDE: 095° 53' 30.8"	
FOOTAGES:	
DATE: 12-9-08	DRILLED BY: KM

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	3	Topsoil and clay
3	26	Medium sand to Fine gravel
26	40	Clay

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TEST HOLE LOG

CUSTOMER: Rural Water System #1	
WELL ID: H-2	
LOCATION:	
LATITUDE: 43° 08' 14.5"	
LONGITUDE: 095° 53' 27.1"	
FOOTAGES:	
DATE: 12-10-08	DRILLED BY:

SWL:
PWL:

<u>from feet</u>	<u>- to feet</u>	
0	3	Topsoil
3	20	Fine, medium and coarse sand and fine and medium gravel
20	35	Fine and medium gravel
35	40	Clay
40	60	Tan clay
60	80	Gray and tan clay
80	90	Gray clay
90	92	Very hard
92	100	Gray clay
100	120	Gray and black shale
120	148	Gray and black shale with trace fine sand
148	160	Brown clay
160	180	Sticky brown clay
180	240	Sticky gray clay
240	250	Gray shale
250	260	Fine sand
260	267	Fine, medium and coarse sand
267	279	Shale
279	280	Very hard

dh