Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,401.98 mE +/- 0.02 m 4,950,449.85 mN +/- 0.02 m
Elevation (ft.): 948.9 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.):
Site: Grassy field road at natural grade.

Drilling Method: 9-inch flight auger
Started: 4/21/08 7:25 AM
Completed: 4/21/08 8:20 AM
Drill Rig: CME-750
Logged By: J.D. Lehr

Drilling & Sampling

<table>
<thead>
<tr>
<th>Graphic Log</th>
<th>Depth (ft.)</th>
<th>Gravel Per Sample Runs</th>
<th>Sampled Intervals</th>
<th>Total + #4</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 TOPSOIL. Silty, black.</td>
<td>947.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Superior lobe outwash</td>
<td>22.1% + #4</td>
</tr>
<tr>
<td>4.0 SILT. Brown.</td>
<td>944.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.0 SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 1-3/4 inches.</td>
<td>943.9</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>10.0 SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches.</td>
<td>938.9</td>
<td></td>
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</tr>
<tr>
<td>15.0 SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.</td>
<td>933.9</td>
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<td></td>
</tr>
<tr>
<td>SAND &amp; GRAVEL. Fine to very coarse sand. Gravel to 2 inches.</td>
<td>923.9</td>
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<tr>
<td>25.0 SAND. Fine to very coarse sand. Minor gravel to 1-1/2 inches.</td>
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<td></td>
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</tr>
<tr>
<td>30.0 SAND &amp; GRAVEL. Fine to very coarse sand. Gravel to 2 inches.</td>
<td>913.9</td>
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<td></td>
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</tr>
<tr>
<td>35.0 SAND. Fine to very coarse sand. Minor gravel to 1-3/4 inches.</td>
<td>906.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>42.0 TILL. Silty, red.</td>
<td>904.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Till</td>
</tr>
<tr>
<td>44.0 T.D.</td>
<td>44 ft.</td>
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<td></td>
</tr>
</tbody>
</table>

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
DRILLING LOG

Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,399.84 mE +/- 0.02 m 4,950,649.96 mN +/- 0.02 m
Elevation (ft.): 947.6 +/- 0.1 ft.
Ground Water Depth (ft.): 62.0
Ground Water Elevation (ft.): 885.6
Site: Grassy field road at natural grade.

DRILLING & SAMPLING

Depth (ft.)

Sampled

Intervals

Sample

Runs

Sample

Wt. (lbs)

Sample

Wt. (lbs)

Total + #4

Sieve

1.5

TOPSOIL. Silty, black.

946.1

30.0

SILT. Brown.

944.6

5.0

SAND & GRAVEL. Fine to coarse sand. Gravel to 1 inch.

942.6

15.0

SAND & GRAVEL. Medium to very coarse sand. Gravel to 1 inch. High percentage pea gravel.

932.6

20.0

SAND. Fine to coarse sand. Very minor gravel to 1 inch.

927.6

25.0

SAND. Fine sand. Very minor trace gravel to 1/2 inch.

922.6

30.0

SAND & GRAVEL. Fine to very coarse sand. Gravel to 1-1/2 inches.

917.6

35.0

SAND & GRAVEL. Fine to very coarse sand. Gravel to 1 inch.

912.6

40.0

SAND. Fine to coarse sand. Minor gravel to 3-1/2 inches.

907.6

45.0

SAND. Fine to coarse sand. Minor gravel to 2 inches.

902.6

50.0

SAND. Fine sand. No gravel.

892.6

55.0

SAND. Fine to coarse sand. Very minor gravel to 3/4 inch.

887.6

60.0

SAND. Fine sand. No gravel.

882.6

65.0

T.D. 65 ft.

Economic Classification

Loess

Superior lobe outwash

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota
County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,400.09 mE +/- 0.02 m 4,950,767.13 mN +/- 0.02 m
Elevation (ft.): 949.1 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water level uncertain
Ground Water Elevation (ft.): Site: Grassy field road at natural grade.

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Total + #4</th>
<th>+ 1.5 Inch</th>
<th>3/4 Inch</th>
<th>+ 3/4 Inch</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
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<tbody>
<tr>
<td>4.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Loess</td>
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<tr>
<td>15.0</td>
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<tr>
<td>20.0</td>
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<tr>
<td>35.0</td>
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<td>929.1</td>
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<td>934.1</td>
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<td>939.1</td>
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<td>13.3</td>
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<td>941.6</td>
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<td>24.5</td>
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<tr>
<td>945.1</td>
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<td>42.7</td>
<td>4.1</td>
<td>7.4</td>
<td>31.2</td>
<td>47.9</td>
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<tr>
<td>948.1</td>
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<td>20.2</td>
<td>0.0</td>
<td>4.1</td>
<td>16.0</td>
<td>32.6</td>
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Drilling Method: 4x6 Rotasonic
Started: 4/22/08 9:55 AM
Drilling Contractor: Traut Wells
Completed: 4/22/08 11:50 AM
Drill Rig: Versasonic
Logged By: J.D. Lehr

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sample Runs</th>
<th>Total + #4 Sieve</th>
<th>+ 1.5 Inch</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Economic Classification</th>
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<tbody>
<tr>
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<tr>
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<td>92.0</td>
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<td></td>
</tr>
</tbody>
</table>

**GRAPHLG**: Fine to coarse sand. No gravel.

**SAND & GRAVEL**: Medium to very coarse sand. Gravel to 2 inches.

**TILL**: Clayey, gray.

**Test Results (%)**

- **Geologic Interpretation**: Till

**Location**: City of Rosemount & Empire Township, Dakota County, Minnesota

**Property**: UMore Park Property

**UTM Zone 15/NAD83/NAVD88**

491,400.09 mE +/- 0.02 m, 4,950,767.13 mN +/- 0.02 m

Elevation (ft.): 949.1 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water level uncertain

Ground Water Elevation (ft.):

4/22/08 9:55 AM
4/22/08 11:50 AM

**Drilling Method**: 4x6 Rotasonic

**Drilling Contractor**: Traut Wells

**Drill Rig**: Versasonic

**Logged By**: J.D. Lehr
Drilling Log

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,399.27 mE +/- 0.02 m  4,951,149.50 mN +/- 0.02 m

Elevation (ft.): 944.1 +/- 0.1 ft.

Ground Water Depth (ft.): 59.0

Ground Water Elevation (ft.): 885.1

Site: Snow covered plowed field at natural grade.

**Drilling Method:** 9-inch flight auger

**Started:** 2/22/08 8:50 AM

**Completed:** 2/22/08 10:05 AM

**Drilling Contractor:** Braun Intertec

**Drill Rig:** CME-750

**Logged By:** J.D. Lehr

**Drilling & Sampling**

**Depth (ft.)**

<table>
<thead>
<tr>
<th>GRAPHIC LOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth (ft.)</td>
</tr>
<tr>
<td>Total + #4Sieve</td>
</tr>
<tr>
<td>1.5 Inch to 3/4 Inch</td>
</tr>
<tr>
<td>3/4 Inch to #4 Sieve</td>
</tr>
<tr>
<td>Sample Runs</td>
</tr>
</tbody>
</table>

**Sampled Intervals**

20.5 4.1 5.0 11.4 31.2

**Sample Wt. (lbs)**

20.0 6.4 5.4 8.2 26.8

**Gravel Per Drill Action**

14.8 3.0 3.4 8.4 31.8

**Ground Water Depth (ft.):** 59.0

**Ground Water Elevation (ft.):** 885.1

**Elevation (ft.):** 944.1 +/- 0.1 ft.

**Superior lobe outwash**

**Geologic Interpretation**

**Economic Classification**

**Graphic Log**

**SITE:** Snow covered plowed field at natural grade.

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**T.D.** 65 ft.

**Prepared for:** ProSource Technologies, Inc.

**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
## DRILLING LOG

### Property: UMore Park Property

- **UTM Zone 15/NAD83/NAVD88**
  - 491,410.47 mE +/- 0.02 m, 4,951,347.34 mN +/- 0.02 m
  - Elevation (ft.): 940.1 +/- 0.1 ft.
  - Ground Water Depth (ft.): 55.0
  - Ground Water Elevation (ft.): 885.1

- **Site:** Snow covered plowed field at natural grade.

### Location: City of Rosemount & Empire Township, Dakota County, Minnesota

- **Drilling Method:** 9-inch flight auger
- **Started:** 2/22/08 10:10 AM
- **Drilling Contractor:** Braun Intertec
- **Completed:** 2/22/08 11:40 AM
- **Drill Rig:** CME-750
- **Logged By:** J.D. Lehr

### DRILLING & SAMPLING

<table>
<thead>
<tr>
<th>Sample</th>
<th>Depth (ft.)</th>
<th>Gravel Per Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.0</td>
<td>933.1</td>
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<tr>
<td>13.0</td>
<td>927.1</td>
<td></td>
</tr>
<tr>
<td>15.0</td>
<td>925.1</td>
<td></td>
</tr>
<tr>
<td>20.0</td>
<td>920.1</td>
<td></td>
</tr>
<tr>
<td>25.0</td>
<td>915.1</td>
<td></td>
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<tr>
<td>30.0</td>
<td>910.1</td>
<td></td>
</tr>
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<td>35.0</td>
<td>905.1</td>
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<tr>
<td>45.0</td>
<td>895.1</td>
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<td>885.1</td>
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<td>880.1</td>
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<tr>
<td>65.0</td>
<td>875.1</td>
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</table>

### TEST RESULTS (%)

<table>
<thead>
<tr>
<th>Sample</th>
<th>1.5 Inch to #4 Sieve</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26.9</td>
<td>7.5</td>
<td>6.2</td>
<td>13.3</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>23.6</td>
<td>5.0</td>
<td>6.2</td>
<td>12.4</td>
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<td></td>
<td>8.9</td>
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<td>1.3</td>
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<tr>
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<td>25.7</td>
<td>0.8</td>
<td>6.8</td>
<td>18.1</td>
</tr>
</tbody>
</table>

### Geologic Interpretation

- **SAND & GRAVEL:** Fine to coarse sand, dirty.  Gravel to 3 inches.

### Economic Classification

- **Superior lobe outwash**
- **20.1% + #4**

---

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdehr@citlink.net
# DRILLING LOG

## HOLE NO. F1850

### Property:
UMore Park Property

### Location:
City of Rosemount & Empire Township, Dakota County, Minnesota

### UTM Zone 15/NAD83/NAVD88
491,401.85 mE +/- 0.02 m 4,951,848.42 mN +/- 0.02 m

### Elevation (ft.):
952.4 +/- 0.1 ft.

### Ground Water Depth (ft.):
60.0

### Ground Water Elevation (ft.):
892.4

### Site:
Snow covered field at natural grade.

### Drilling Method:
4x6 Rotasonic

### Started:
2/8/08 1:00 PM

### Completed:
2/8/08 2:50 PM

### Drilling Contractor:
Traut Wells

### Drill Rig:
Versasonic

### Logged By:
J.D. Lehr

### Drilling & Sampling

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Graphic Log</th>
<th>Gravel Per Drill Action</th>
<th>Sample Runs</th>
<th>Sampled Intervals</th>
<th>Total + #4 Sieve</th>
<th>+ 1/2 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>TOPSOIL</td>
<td>Silty, black.</td>
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<td></td>
<td></td>
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<tr>
<td>5.5</td>
<td>SILT</td>
<td>Brown.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.0</td>
<td>SAND</td>
<td>Fine to coarse sand, dirty from 5.5 to 6.5 feet. Minor gravel to 1-3/4 inches.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>20.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Very minor gravel to 2 inches.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>25.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Slightly dirty. Very minor gravel to 1-1/2 inches.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>30.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Minor gravel to 2 inches.</td>
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<tr>
<td>38.0</td>
<td>SAND</td>
<td>Very fine to fine sand. Very minor pea gravel.</td>
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</tr>
<tr>
<td>40.0</td>
<td>SAND &amp; GRAVEL</td>
<td>Medium to very coarse sand. Gravel to 2 inches.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45.0</td>
<td>SAND</td>
<td>Fine to very coarse sand. Minor gravel to 2 inches.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.0</td>
<td>SAND</td>
<td>Fine to medium sand. Very minor gravel to 1/2 inch.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>53.0</td>
<td>SAND &amp; GRAVEL</td>
<td>Fine to coarse sand. Gravel to 1-3/4 inches.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60.0</td>
<td>NO RECOVERY</td>
<td>&quot;Coarse gravel&quot; according to driller.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>70.0</td>
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<td>Fine to coarse sand. Very minor gravel to 1 inch.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td></td>
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</tbody>
</table>

### Continued Next Page

Prepared for: ProSource Technologies, Inc.  by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100  jdlehr@citlink.net
**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**
491,401.85 mE +/- 0.02 m, 4,951,848.42 mN +/- 0.02 m
Elevation (ft.): 952.4 +/- 0.1 ft.
Ground Water Depth (ft.): 60.0
Ground Water Elevation (ft.): 892.4

**Site:** Snow covered field at natural grade.

**Drilling Method:** 4x6 Rotasonic
**Started:** 2/8/08 1:00 PM
**Completed:** 2/8/08 2:50 PM
**Drilling Contractor:** Traut Wells
**Drill Rig:** Versasonic
**Logged By:** J.D. Lehr

### DRILLING & SAMPLING

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Graphic Log</th>
<th>Drilled Per</th>
<th>Sampled Runs</th>
<th>Sampled Intervals</th>
<th>Total #4 Sieve</th>
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<tbody>
<tr>
<td>80.0</td>
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<td></td>
<td>15.3 0.0 1.0 14.3 31.1</td>
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<tr>
<td>90.0</td>
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<td></td>
<td></td>
<td></td>
<td>20.1 2.7 2.9 14.5 29.3</td>
</tr>
<tr>
<td>95.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>27.9 9.7 4.8 13.4 23.3</td>
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<tr>
<td>99.0</td>
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<td></td>
<td></td>
<td></td>
<td>6.6 0.0 0.1 6.5 26.7</td>
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<tr>
<td>103.0</td>
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<td></td>
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<td></td>
<td>30.0 12.4 6.8 10.7 48.6</td>
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<tr>
<td>115.0</td>
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<td></td>
<td></td>
<td></td>
<td>65.7 24.5 18.1 23.2 56.1</td>
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<tr>
<td>120.0</td>
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<td></td>
<td></td>
<td></td>
<td>59.7 19.4 16.0 24.3 52.3</td>
</tr>
</tbody>
</table>

**Ground Water Level Approximate.**
**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**
491,453.88 mE +/- 0.02 m 4,952,131.58 mN +/- 0.02 m

Elevation (ft.): 953.3 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water not encountered

Ground Water Elevation (ft.):

Site: Grassy field road at natural grade.

---

**DRILLING LOG**

**HOLE NO. F2150**

**DRILLING & Sampling**

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>1.5 Inch to #4 Sieve</th>
<th>16.1% #4</th>
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<tbody>
<tr>
<td>10.7</td>
<td>1.8</td>
<td>2.1</td>
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<tr>
<td>21.7</td>
<td>8.9</td>
<td>4.3</td>
</tr>
<tr>
<td>23.0</td>
<td>2.9</td>
<td>3.7</td>
</tr>
<tr>
<td>14.5</td>
<td>3.0</td>
<td>2.5</td>
</tr>
<tr>
<td>10.7</td>
<td>4.8</td>
<td>1.3</td>
</tr>
<tr>
<td>21.5</td>
<td>2.9</td>
<td>5.0</td>
</tr>
<tr>
<td>20.7</td>
<td>0.0</td>
<td>3.5</td>
</tr>
<tr>
<td>24.6</td>
<td>6.6</td>
<td>4.6</td>
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**Sample Runs**

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>Total + #4</th>
<th>+ 1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
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</thead>
<tbody>
<tr>
<td>10.1</td>
<td>1.5</td>
<td>1.9</td>
<td>6.7</td>
</tr>
<tr>
<td>10.7</td>
<td>1.8</td>
<td>2.1</td>
<td>6.8</td>
</tr>
<tr>
<td>21.7</td>
<td>8.9</td>
<td>4.3</td>
<td>8.4</td>
</tr>
<tr>
<td>23.0</td>
<td>2.9</td>
<td>3.7</td>
<td>16.4</td>
</tr>
<tr>
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<td>3.0</td>
<td>2.5</td>
<td>9.0</td>
</tr>
<tr>
<td>10.7</td>
<td>4.8</td>
<td>1.3</td>
<td>4.7</td>
</tr>
<tr>
<td>21.5</td>
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<td>5.0</td>
<td>13.6</td>
</tr>
<tr>
<td>20.7</td>
<td>0.0</td>
<td>3.5</td>
<td>17.2</td>
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<td>24.6</td>
<td>6.6</td>
<td>4.6</td>
<td>13.4</td>
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**Depth (ft.)**

<table>
<thead>
<tr>
<th>1.5</th>
<th>4.5</th>
<th>5.0</th>
<th>10.0</th>
<th>15.0</th>
<th>20.0</th>
<th>25.0</th>
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<th>35.0</th>
<th>40.0</th>
<th>45.0</th>
<th>50.0</th>
<th>55.0</th>
<th>60.0</th>
<th>65.0</th>
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</thead>
<tbody>
<tr>
<td>951.8</td>
<td>948.8</td>
<td>943.3</td>
<td>938.3</td>
<td>933.3</td>
<td>928.3</td>
<td>923.3</td>
<td>918.3</td>
<td>913.3</td>
<td>908.3</td>
<td>903.3</td>
<td>898.3</td>
<td>893.3</td>
<td>888.3</td>
<td></td>
</tr>
</tbody>
</table>

**Graphic Log**

**Geologic Interpretation**

- **SILT.** Brown.
- **SAND.** Fine to coarse sand. Minor gravel to 2 inches.
- **SAND.** Fine to medium sand. Very minor gravel to 1 inch.
- **SAND.** Fine to coarse sand. Very minor gravel to 1 inch.
- **SAND.** Fine to coarse sand. Very minor gravel to 2 inches.
- **SAND.** Fine to coarse sand. Very minor gravel to 3/4 inch.
- **SAND.** Fine to very coarse sand. Minor gravel to 3-1/2 inches.
- **SAND.** Fine to very coarse sand. Minor gravel to 1-3/4 inches.
- **SAND.** Fine to medium sand. Very minor gravel to 1-3/4 inches.
- **SAND.** Fine to coarse sand. Minor gravel to 1-1/4 inches.
- **SAND.** Fine sand. Very minor gravel to 3/4 inch.

**Economic Classification**

- **Loess**
- **Superior lobe outwash**

---

**Prepared for:** ProSource Technologies, Inc. **by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,400.81 mE +/- 0.02 m 4,952,390.45 mN +/- 0.02 m
Elevation (ft.): 952.8 +/- 0.1 ft.
Ground Water Depth (ft.): 65.0
Ground Water Elevation (ft.): 887.8
Site: Along field road at natural grade.

Drilling Method: 4x6 Rotasonic
Drilling Contractor: Traut Wells
Drill Rig: Versasonic
Logged By: J.D. Lehr

Drilled: 1/23/08 9:20 AM
Completed: 1/23/08 11:40 AM

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>Graphic Log (ft.)</th>
<th>1/2 Inch to 3/4 Inch</th>
<th>1/2 Inch to 4 Inch</th>
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</thead>
<tbody>
<tr>
<td>4.0</td>
<td>948.8</td>
<td>1.5 Inch to 3/4 Inch</td>
<td>+ 1.5 Inch</td>
</tr>
<tr>
<td>6.0</td>
<td>946.8</td>
<td>17.3</td>
<td>2.4</td>
</tr>
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<td>10.0</td>
<td>942.8</td>
<td>23.7</td>
<td>4.5</td>
</tr>
<tr>
<td>20.0</td>
<td>932.8</td>
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<td>35.0</td>
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<tr>
<td>40.0</td>
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</tr>
<tr>
<td>60.0</td>
<td>895.8</td>
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<td></td>
</tr>
<tr>
<td>65.0</td>
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</tr>
<tr>
<td>70.0</td>
<td>888.8</td>
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</tr>
<tr>
<td>75.0</td>
<td>884.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80.0</td>
<td>880.8</td>
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<td></td>
</tr>
</tbody>
</table>

SAND & GRAVEL. Fine to coarse sand, slightly dirty. Gravel to 3-1/2 inches.

SAND & GRAVEL. Fine to coarse sand, slightly dirty. Gravel to 2-1/2 inches.

SAND. Fine to coarse sand. Minor gravel to 2-1/2 inches.

SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.

SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches.

SAND. Very fine to fine sand. No gravel overall, except for very minor gravel to 1/2 inch from 43 to 44 feet.

SAND. Fine to medium sand. Very minor gravel to 1 inch.

SAND & GRAVEL. Fine to coarse sand, slightly dirty. Gravel to 2-1/2 inches. Concentration of iron-oxide nodules at 57 feet.

SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches.

SAND. Very fine sand, dirty in places. No gravel.

Economic Classification
Location: City of Rosemount & Empire Township, Dakota County County, Minnesota
Property: UMore Park Property

DRILLING LOG

TOPSOIL. Silty, black.
SILT. Brown.
SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.
SAND. Fine to coarse sand. Minor gravel to 3-1/2 inches.
SAND. Fine to coarse sand. Very minor gravel to 2-1/2 inches.
SAND & GRAVEL. Fine to coarse sand. Minor gravel to 1-1/2 inches.
SAND. Very fine to fine sand. Minor gravel to 1-1/2 inches.
SAND. Very fine sand, dirty in places. No gravel.
SILT. Brown.
TOPSOIL. Silty, black.

Continued Next Page

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**Property:** UMore Park Property  
**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**
491,400.81 mE +/- 0.02 m 4,952,390.45 mN +/- 0.02 m  
Elevation (ft.): 952.8 +/- 0.1 ft.  
Ground Water Depth (ft.): 65.0  
Ground Water Elevation (ft.): 887.8

**Site:** Along field road at natural grade.

**Drilling Method:** 4x6 Rotasonic  
**Drilling Contractor:** Traut Wells  
**Drill Rig:** Versasonic  
**Started:** 1/23/08 9:20 AM  
**Completed:** 1/23/08 11:40 AM  
**Logged By:** J.D. Lehr

<table>
<thead>
<tr>
<th>Drilling &amp; Sampling</th>
<th>Test Results (%)</th>
</tr>
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<tbody>
<tr>
<td>Graphic Log</td>
<td>Depth (ft.)</td>
</tr>
<tr>
<td>SAND.</td>
<td>Very fine sand, dirty in places. No gravel. (continued)</td>
</tr>
<tr>
<td>SILT.</td>
<td>Gray.</td>
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</table>

Sand from 36 to 54 feet too thick to justify sampling deeper than 36 feet.
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,400.12 mE +/- 0.02 m 4,952,649.80 mN +/- 0.02 m
Elevation (ft.): 946.5 +/- 0.1 ft.
Ground Water Depth (ft.): 65.0
Ground Water Elevation (ft.): 881.5
Site: Snow covered corn stubble field at natural grade.

Drilling Method: 4x6 Rotasonic
Drilling Contractor: Traut Wells
Drill Rig: Versasonic

Logged By: J.D. Lehr

Drilled By:

Sample Intervals

Graph Geologic Economic
Log Interpretation Classification

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

Property: UMore Park Property

DRILLING & SAMPLING

Depth (ft.)

Gravel Per Sample Run Sampled Intervals

Total + #4 1.5 inch 3/4 inch 3/4 inch #4 Sieve Sample Wt. (lbs)

Graphic Log

Topsoil
3.0
Silt
5.0
Sand & Gravel
10.0
Sand
20.0
Sand
30.0
Sand
40.0
Sand
45.0
Sand & Gravel
50.0
Gravel & Sand
56.0
Sand
60.0
Silt
63.0
Sand
70.0

Continued Next Page

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Gravel Per Drill Action</th>
<th>Sampled Runs</th>
<th>Total + #4 Sieve</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
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<td></td>
</tr>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>846.5</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>846.5</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>T.D.</td>
<td>100 ft.</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

**SAND.** Very fine sand, slightly dirty to dirty. No gravel. *(continued)*

Ground water level approximate.

**SILT.** Gray.

---

**UTM Zone 15/NAD83/NAVD88**

491,400.12 mE +/- 0.02 m, 4,952,649.80 mN +/- 0.02 m

Elevation (ft.): 946.5 +/- 0.1 ft.

Ground Water Depth (ft.): 65.0

Ground Water Elevation (ft.): 881.5

Site: Snow covered corn stubble field at natural grade.

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**Property:** UMore Park Property

**Drilling Method:** 4x6 Rotasonic

**Drilling Contractor:** Traut Wells

**Drill Rig:** Versasonic

**Started:** 2/26/08 11:20 AM

**Completed:** 2/26/08 2:30 PM

**Logged By:** J.D. Lehr

---

**Ground water level approximate.**
**TOPSOIL.** Silty, black.

5.0

SILT. Brown.

7.0

**SAND.** Fine to medium sand, slightly dirty. Very minor gravel to 1 inch. One 3 inch rock at top of interval.

14.0

**SAND.** Fine to coarse sand. Very minor gravel to 2-1/2 inches.

20.0

**SAND.** Fine to coarse sand, slightly dirty. Very minor gravel to 1-3/4 inches. Poor recovery 20 to 40 feet - only 6.5 feet.

40.0

**SAND.** Fine to coarse sand. Very minor gravel to 1 inch.

64.0

**SAND.** Very fine to fine sand. No gravel. One-inch-thick lens of gravel to 1 inch at 91 feet.
**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,399.47 mE +/- 0.02 m  4,952,850.08 mN +/- 0.02 m

Elevation (ft.): 940.8 +/- 0.1 ft.

Ground Water Depth (ft.): 65.0

Ground Water Elevation (ft.): 875.8

Site: Snow covered plowed field at natural grade.

---

**SAND.** Very fine to fine sand. No gravel. One-inch-thick lens of gravel to 1 inch at 91 feet. *(continued)*

91.0  849.8

**SILT.** Gray.

100.0  840.8

---

No samples taken. Estimated less than 10 percent gravel from 7 to 64 feet. Ground water level approximate.
**DRILLING LOG**

**HOLE NO. F2950**

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,400.30 mE +/- 0.02 m 4,952,950.25 mN +/- 0.02 m

Elevation (ft.): 952.3 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water not encountered

Ground Water Elevation (ft.): 952.3 +/- 0.1 ft.

**Site:** Snow covered corn stubble field at natural grade.

**Drilling Method:** 9-inch flight auger

**Started:** 2/27/08 7:25 AM

**Completed:** 2/27/08 8:40 AM

**Drilling Contractor:** Braun Intertec

**Drill Rig:** CME-750

**Logged By:** J.D. Lehr

**DRILLING & SAMPLING**

<table>
<thead>
<tr>
<th>Graphic Log</th>
<th>Depth (ft.)</th>
<th>Gravel Per Drill Action</th>
<th>Sample Runs</th>
<th>Sampled Intervals</th>
<th>Total + #4</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Sample % #4</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>TOPSOIL. Silty, dark brown.</td>
<td>951.3</td>
<td>13.4</td>
<td>1.8</td>
<td>4.6</td>
<td>7.1</td>
<td>26.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.0</td>
<td>SAND. Fine to coarse sand. Very minor gravel to 1/2 inch.</td>
<td>947.3</td>
<td>14.8</td>
<td>4.3</td>
<td>3.2</td>
<td>7.4</td>
<td>24.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.0</td>
<td>SAND. Fine to medium sand. Very minor gravel to 1-1/2 inches.</td>
<td>937.3</td>
<td>19.2</td>
<td>2.4</td>
<td>7.2</td>
<td>9.6</td>
<td>29.6</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>20.0</td>
<td>SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches.</td>
<td>932.3</td>
<td>21.3</td>
<td>4.2</td>
<td>7.1</td>
<td>9.9</td>
<td>36.0</td>
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<tr>
<td>25.0</td>
<td>SAND. Fine to coarse sand. Minor gravel to 3-1/2 inches.</td>
<td>927.3</td>
<td>9.5</td>
<td>0.0</td>
<td>2.1</td>
<td>7.5</td>
<td>29.2</td>
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<td>35.0</td>
<td>SAND. Fine to coarse sand. Minor gravel to 2 inches.</td>
<td>917.3</td>
<td>17.7</td>
<td>3.1</td>
<td>3.4</td>
<td>11.1</td>
<td>34.7</td>
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<tr>
<td>40.0</td>
<td>SAND. Fine to coarse sand. Very minor trace gravel to 3/4 inch.</td>
<td>912.3</td>
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<tr>
<td>45.0</td>
<td>SAND. Fine to coarse sand. Very minor gravel to 2 inches.</td>
<td>907.3</td>
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</tr>
<tr>
<td>50.0</td>
<td>SAND. Fine to coarse sand. Very minor gravel to 2 inches.</td>
<td>902.3</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>55.0</td>
<td>SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches, mostly pea gravel.</td>
<td>897.3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>65.0</td>
<td>SAND. Fine to coarse sand. Very minor gravel to 1-1/2 inches.</td>
<td>887.3</td>
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</tr>
</tbody>
</table>

**T.D. 65 ft.**

**Prepared for:** ProSource Technologies, Inc.

**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,399.45 mE +/- 0.02 m 4,953,149.80 mN +/- 0.02 m
Elevation (ft.): 950.9 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.):

Site: Snow covered corn stubble field at natural grade.

Drilling Method: 9-inch flight auger
Started: 2/26/08 3:40 PM
Completed: 2/26/08 5:00 PM
Drill Rig: CME-750
Logged By: J.D. Lehr

DRILLING & SAMPLING

Sample Weight (%)

Topsoil. Silty, black.


SAND & GRAVEL. Fine to coarse sand, slightly dirty. Gravel to 1-1/2 inches. Small sample volume.

SAND. Fine to medium sand. Minor gravel to 1-1/2 inches.

SAND. Fine to coarse sand. Very minor gravel to 1-1/4 inches.

SAND. Fine to coarse sand. Minor gravel to 2-1/2 inches.

SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.

SAND. Fine to medium sand. Minor gravel to 4 inches.

SAND. Fine to coarse sand. Very minor gravel to 1-1/2 inches.

SAND. Fine to medium sand. Minor gravel to 2 inches.

SAND. Very fine to fine sand. No gravel.

SAND. Fine to coarse sand. Minor gravel to 1-1/2 inches. Till on bit - clayey, yellowish brown.

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**DRILLING LOG**

**HOLE NO. F3350**

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,397.66 mE +/- 0.02 m 4,953,347.02 mN +/- 0.02 m

Elevation (ft.): 948.9 +/- 0.1 ft.

Ground Water Depth (ft.): 65.0

Ground Water Elevation (ft.): 883.9

Site: Snow covered corn stubble field at natural grade.

**Drilling Method:** 4x6 Rotasonic

**Drilling Contractor:** Traut Wells

**Drill Rig:** Versasonic

**Logged By:** J.D. Lehr

**Started:** 2/14/08 4:20 PM

**Completed:** 2/14/08 5:15 PM

---

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Total + #4 Sieve</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td></td>
<td>947.9</td>
<td>945.9</td>
<td>943.9</td>
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<tr>
<td>3.0</td>
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<td>945.9</td>
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<td></td>
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<td>5.0</td>
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<td>943.9</td>
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<td>14.9</td>
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<td>13.8</td>
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<tr>
<td>928.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>38.5</td>
</tr>
</tbody>
</table>

**Geologic Interpretation**

- **TOPSOIL:** Silty, black.
- **SILT:** Brown.
- **SAND & GRAVEL:** Fine to very coarse sand, slightly dirty. Gravel to 3/4 inch.
- **SAND:** Fine to coarse sand. Very minor gravel to 1 inch.

**Sample Runs**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Drilled Per Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.0</td>
<td>928.9</td>
</tr>
<tr>
<td>25.0</td>
<td>923.9</td>
</tr>
<tr>
<td>30.0</td>
<td>918.9</td>
</tr>
<tr>
<td>35.0</td>
<td>913.9</td>
</tr>
</tbody>
</table>

**Test Results (%):**

- **10.3**
- **10.8**
- **16.4**
- **15.4**

---

**Geologic Classification**

- **Loess**
- **Superior lobe outwash**

---

**Prepared for:** ProSource Technologies, Inc.  
**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025  
(651) 408-9100  jdlehr@citlink.net

---

**DRILLING & SAMPLING**

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**Sampled Intervals**

- **Total + #4 Sieve**
- **1.5 Inch to 3/4 Inch**
- **3/4 Inch to #4 Sieve**

**Sample Wt. (lbs)**

- **47.4**
- **11.5**
- **13.6**
- **22.3**

**Economic Classification**

- **77.8 % #4**

**Prepared for:** ProSource Technologies, Inc.  
**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025  
(651) 408-9100  jdlehr@citlink.net
SAND. Very fine sand, very dirty. Minor gravel to 2-1/2 inches.

80.0  868.9

SANDSTONE. Very fine sand, yellowish brown to white.

90.0  858.9

T.D.  90 ft.

Ground water level approximate.
### DRILLING LOG

**HOLE NO. F3550**

<table>
<thead>
<tr>
<th>Property: UMore Park Property</th>
<th>Location: City of Rosemount &amp; Empire Township, Dakota County, Minnesota</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UTM Zone 15/NAD83/NAVD88</strong></td>
<td>Drilling Method: 4x6 Rotasonic</td>
</tr>
<tr>
<td>491,399.88 mE +/- 0.02 m 4,953,548.79 mN +/- 0.02 m</td>
<td>Started: 2/12/08 8:20 AM</td>
</tr>
<tr>
<td>Elevation (ft.): 957.2 +/- 0.1 ft.</td>
<td>Drilling Contractor: Traut Wells</td>
</tr>
<tr>
<td>Ground Water Depth (ft.): 85.0</td>
<td>Completed: 2/12/08 9:30 AM</td>
</tr>
<tr>
<td>Ground Water Elevation (ft.): 872.2</td>
<td>Drill Rig: Versasonic</td>
</tr>
<tr>
<td>Site: Snow covered corn stubble field at natural grade.</td>
<td>Logged By: J.D. Lehr</td>
</tr>
</tbody>
</table>

#### DRILLING & SAMPLING

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>Topsoil. Silty, black.</td>
</tr>
<tr>
<td>4.0</td>
<td>Sand &amp; Gravel. Fine to coarse sand, dirty. Gravel to 1 inch.</td>
</tr>
<tr>
<td>10.0</td>
<td>Sand. Fine to coarse sand, slightly dirty. Minor gravel to 2 inches.</td>
</tr>
<tr>
<td>15.0</td>
<td>Sand. Fine to very coarse sand. Minor gravel to 1-3/4 inches.</td>
</tr>
<tr>
<td>20.0</td>
<td>Sand. Fine to coarse sand. Very minor gravel to 2 inches.</td>
</tr>
<tr>
<td>30.0</td>
<td>Sand. Fine to coarse sand. Very minor gravel to 2 inches.</td>
</tr>
<tr>
<td>40.0</td>
<td>Sand. Fine to coarse sand. Very minor trace gravel to 1/2 inch.</td>
</tr>
<tr>
<td>50.0</td>
<td>Sand. Fine to coarse sand. Very minor gravel to 1-1/2 inches.</td>
</tr>
<tr>
<td>55.0</td>
<td>Sand. Fine to coarse sand, slightly dirty. Minor gravel to 2-1/2 inches.</td>
</tr>
<tr>
<td>60.0</td>
<td>Sand. Fine to very coarse sand. Very minor gravel to 1 inch.</td>
</tr>
<tr>
<td>70.0</td>
<td>Sand. Fine to coarse sand. Very minor gravel to 1 inch.</td>
</tr>
</tbody>
</table>

#### TEST RESULTS (%)

<table>
<thead>
<tr>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loess</td>
<td>13.6% + #4</td>
</tr>
</tbody>
</table>

**Continued Next Page**

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**DRILLING LOG**

**HOLE NO. F3550**

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,399.88 mE +/- 0.02 m 4,953,548.79 mN +/- 0.02 m

Elevation (ft.): 957.2 +/- 0.1 ft.

Ground Water Depth (ft.): 85.0

Ground Water Elevation (ft.): 872.2

**Site:** Snow covered corn stubble field at natural grade.

---

**Drilling Method:** 4x6 Rotasonic  
**Started:** 2/12/08 8:20 AM

**Drilling Contractor:** Traut Wells  
**Completed:** 2/12/08 9:30 AM

**Drill Rig:** Versasonic  
**Logged By:** J.D. Lehr

---

**DRILLING & SAMPLING**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Graphic Log</th>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>80.0</td>
<td>877.2</td>
<td></td>
<td></td>
<td>12.2</td>
<td>0.0</td>
<td>2.4</td>
<td>9.8</td>
<td>41.0</td>
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<tr>
<td>85.0</td>
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<td></td>
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<td>24.2</td>
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<td>56.5</td>
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</tr>
<tr>
<td>92.0</td>
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<td>20.5</td>
<td>2.7</td>
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<td>13.6</td>
<td>35.3</td>
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<tr>
<td>96.0</td>
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<td>13.7</td>
<td>0.0</td>
<td>2.5</td>
<td>11.2</td>
<td>33.5</td>
<td></td>
</tr>
</tbody>
</table>

**SAND.** Fine to coarse sand. Very minor gravel to 1 inch. *(continued)*

**SAND.** Medium to very coarse sand. Minor gravel to 1-1/4 inches.

**SAND.** Fine to very coarse sand. Minor gravel to 2-1/2 inches.

**SAND.** Fine to medium sand. No gravel.

**SANDSTONE.** Very fine sand, yellowish brown.

---

Ground water level approximate.
**DRILLING LOG**

**HOLE NO. F3750**

**Property:** UMore Park Property  
**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**  
491,401.19 mE +/- 0.02 m 4,953,751.13 mN +/- 0.02 m  
Elevation (ft.): 958.2 +/- 0.1 ft.  
Ground Water Depth (ft.): 85.0  
Ground Water Elevation (ft.): 873.2  
Site: Snow covered field at natural grade.

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + 1.5 Inch</th>
<th>+ 1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
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<tbody>
<tr>
<td>10.0</td>
<td>13.0</td>
<td>0.0</td>
<td>2.0</td>
<td>11.0</td>
<td>37.3</td>
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<td>Loess</td>
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<td>15.0</td>
<td>4.5</td>
<td>0.7</td>
<td>0.3</td>
<td>3.5</td>
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<tr>
<td>20.0</td>
<td>22.8</td>
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<td>3.3</td>
<td>14.4</td>
<td>32.6</td>
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</tr>
<tr>
<td>25.0</td>
<td>27.0</td>
<td>0.0</td>
<td>4.2</td>
<td>22.8</td>
<td>20.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.0</td>
<td>27.9</td>
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<td>4.2</td>
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<td>35.0</td>
<td>7.1</td>
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<td>5.1</td>
<td>19.6</td>
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</tr>
</tbody>
</table>

**Continued Next Page**

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Ground water level approximate.
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

UTM Zone 15/NAD83/NAVD88
494,034.90 mE +/- 0.02 m 4,950,149.02 mN +/- 0.02 m

Elevation (ft.): 936.7 +/- 0.1 ft.

Ground Water Depth (ft.): Greater than 60 feet

Ground Water Elevation (ft.):

Site: Edge of gravel road approximately 2.5 feet above natural grade.

Drilling Method: 4x6 Rotasonic

Started: 4/22/08 1:40 PM

Drilling Contractor: Traut Wells

Completed: 4/22/08 3:25 PM

Drill Rig: Versasonic

Logged By: J.D. Lehr

---

**Graphic Log**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Gravel Per Sampled Intervals</th>
<th>Total wt. #4 Sieve</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 Fill</td>
<td>936.7</td>
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</tr>
<tr>
<td>3.0 Topsoil</td>
<td>933.7</td>
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</tr>
<tr>
<td>5.0 Silt</td>
<td>931.7</td>
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</tr>
<tr>
<td>10.0 Sand</td>
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<td>5</td>
</tr>
<tr>
<td>15.0 Sand</td>
<td>921.7</td>
<td>15</td>
</tr>
<tr>
<td>20.0 Sand</td>
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<tr>
<td>30.0 Sand</td>
<td>906.7</td>
<td></td>
</tr>
<tr>
<td>35.0 Sand</td>
<td>901.7</td>
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<tr>
<td>40.0 Sand</td>
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</tr>
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<td>52.0 Sand</td>
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<td>70.0 Sand</td>
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</tr>
<tr>
<td>74.0 Sand</td>
<td>862.7</td>
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</tr>
</tbody>
</table>

---

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**WEATHERED LIMESTONE.** Very hard drilling from 73 to 80 feet. *(continued)*

No samples taken. Estimated 10 to 15 percent gravel from 5 to 74 feet.

<table>
<thead>
<tr>
<th>Graphic Log</th>
<th>Depth (ft.)</th>
<th>Sample Per Drill Action</th>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4 Sieve</th>
<th>+ 1.5 Inch Sieve</th>
<th>+ 3/4 Inch Sieve</th>
<th>3/4 #4 Sieve</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.D.</td>
<td>80.0</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>Sampled Weight (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>80.0</td>
<td>Prairie du Chein</td>
</tr>
</tbody>
</table>

**Drilling Method:** 4x6 Rotasonic  
**Started:** 4/22/08 1:40 PM  
**Completed:** 4/22/08 3:25 PM

**Drilling Contractor:** Traut Wells  
**Logged By:** J.D. Lehr  
**Drill Rig:** Versasonic

**UTM Zone 15/NAD83/NAVD88**  
494,034.90 mE +/- 0.02 m  
4,950,149.02 mN +/- 0.02 m

**Elevation (ft.):** 936.7 +/- 0.1 ft.

**Ground Water Depth (ft.):** Greater than 60 feet

**Ground Water Elevation (ft.):**

**Site:** Edge of gravel road approximately 2.5 feet above natural grade.
**DRILLING LOG**  

- **Property:** UMore Park Property
- **Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**
- 494,000.45 mE +/- 0.02 m, 4,950,550.58 mN +/- 0.02 m
- Elevation (ft.): 938.8 +/- 0.1 ft.
- Ground Water Depth (ft.): Ground water not encountered
- Ground Water Elevation (ft.):

**Site:** Snow covered alfalfa field at natural grade.

**Drilling Method:** 9-inch flight auger  
**Started:** 3/4/08 10:45 AM  
**Drilling Contractor:** Braun Intertec  
**Completed:** 3/4/08 11:25 AM  
**Drill Rig:** CME-750  
**Logged By:** J.D. Lehr

---

**DRILLING & SAMPLING**

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>Sampled</th>
<th>Total + #4 S为自己 to 3/4 Inch</th>
<th>#4 Sieve</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

**Sampled Runs**

1. **TOPSOIL.** Silty, black.
2. **SILT.** Sandy towards bottom of interval, brown.
3. **SAND.** Fine to medium sand. Very minor gravel to 1-3/4 inches.
4. **SAND.** Fine sand. Very minor gravel to 1-3/4 inches.
5. **SAND.** Very fine to fine sand. Very minor trace gravel to 1/2 inch.
6. **SANDSTONE.** Very fine sand, white.

**No samples taken. Estimated less than 10 percent gravel from 5 to 20 feet.**

---

**TEST RESULTS (%)**

<table>
<thead>
<tr>
<th>Location: City of Rosemount &amp; Empire Township, Dakota County, Minnesota</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property: UMore Park Property</td>
</tr>
</tbody>
</table>

**Economic Classification**

- Loess
- Superior lobe outwash
- St. Peter Sandstone
**Property:** UMore Park Property  

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

---

**UTM Zone 15/NAD83/NAVD88**  
494,000.89 mE +/- 0.02 m 4,950,849.70 mN +/- 0.02 m  
Elevation (ft.): 938.1 +/- 0.1 ft.  
Ground Water Depth (ft.): Ground water not encountered  
Ground Water Elevation (ft.):  
Site: Snow covered soybean stubble field at natural grade.

---

**Drilling Method:** 9-inch flight auger  
Started: 3/4/08 12:20 PM  
Completed: 3/4/08 1:15 PM  
Drill Rig: CME-750  
Logged By: J.D. Lehr

---

**Geologic Interpretation**

- **TOPSOIL.** Silty, black.  
- **SILT.** Brown.  
- **SAND.** Fine to medium sand, slightly dirty. Minor gravel to 1-1/2 inches.  
- **SAND.** Fine to coarse sand. Minor gravel to 1-3/4 inches.  
- **SAND.** Fine to medium sand. Very minor gravel to 1 inch.  
- **SAND.** Fine to medium sand. Very minor gravel to 1-1/2 inches.  
- **SAND.** Fine sand. No gravel.  
- **SAND & GRAVEL.** Fine to very coarse sand. Gravel to 1-1/2 inches.  
- **SAND & GRAVEL.** Fine to very coarse sand. Gravel to 3 inches.  
- **SANDSTONE.** Very fine sand, yellowish brown.

**Economic Classification**

- **Loess**
- **Superior lobe outwash**
- **St. Peter Sandstone**

**Sampled Intervals**

- **Total + #4 Sieve:** 22.0 4.7 6.0 11.4 38.9
- **1-1/2 Inch:** 5.2 0.0 1.5 3.7 33.9
- **3/4 Inch:** 29.8 1.2 7.9 20.7 40.7
- **1-3/4 Inch:** 30.5 2.4 6.7 21.4 30.5
- **1-1/2 Inch:** 31.1 3.2 6.3 21.6 50.1

---

**Prepared for:** ProSource Technologies, Inc.  
by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025  
(651) 408-9100  jdlehr@citlink.net
**DRILLING LOG**

<table>
<thead>
<tr>
<th>Property: UMore Park Property</th>
<th>Location: City of Rosemount &amp; Empire Township, Dakota County, Minnesota</th>
</tr>
</thead>
</table>

**UTM Zone 15/NAD83/NAVD88**
494,000.15 mE +/- 0.02 m 4,951,049.88 mN +/- 0.02 m

Elevation (ft.): 938.4 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.):

Site: Snow covered soybean stubble field at natural grade.

**Drilling Method:** 9-inch flight auger
**Started:** 3/4/08 2:15 PM
**Drilling Contractor:** Braun Intertec
**Completed:** 3/4/08 3:10 PM
**Drill Rig:** CME-750

Logged By: J.D. Lehr

**DRILLING & SAMPLING**

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4</th>
<th>+ 1.5 Inch</th>
<th>1/4 Inch to 3/4 Inch</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 TOPSOIL. Silty, black.</td>
<td>936.4</td>
<td>8.4</td>
<td>0.6</td>
<td>3.5</td>
<td>4.3</td>
<td>31.7</td>
<td>Loess</td>
</tr>
<tr>
<td>4.5 SILT. Sandy towards bottom of interval, brown.</td>
<td>933.9</td>
<td>12.8</td>
<td>6.9</td>
<td>2.1</td>
<td>3.8</td>
<td>30.1</td>
<td>Superior lobe outwash</td>
</tr>
<tr>
<td>5.0 SAND. Fine to medium sand. Very minor gravel to 1 inch. Small sample volume.</td>
<td>933.4</td>
<td>26.6</td>
<td>9.9</td>
<td>7.2</td>
<td>9.4</td>
<td>33.1</td>
<td></td>
</tr>
<tr>
<td>15.0 SAND. Fine to coarse sand. Very minor gravel to 1-1/4 inches.</td>
<td>923.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20.0 SAND. Fine to coarse sand. Minor gravel to 2-1/4 inches.</td>
<td>918.4</td>
<td>31.2</td>
<td>2.5</td>
<td>8.2</td>
<td>20.5</td>
<td>32.7</td>
<td></td>
</tr>
<tr>
<td>25.0 SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 3 inches.</td>
<td>913.4</td>
<td>38.4</td>
<td>1.5</td>
<td>8.9</td>
<td>28.0</td>
<td>42.0</td>
<td></td>
</tr>
<tr>
<td>37.0 SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 1-3/4 inches. Very rocky (drill action) from 30 to 35 feet.</td>
<td>901.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40.0 TILL. Clayey, gray.</td>
<td>898.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Till</td>
</tr>
</tbody>
</table>

**Ground Water Depth (ft.):** Ground water not encountered
**Ground Water Elevation (ft.):**

**Test Results (%):**

<table>
<thead>
<tr>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4</th>
<th>+ 1.5 Inch</th>
<th>1/4 Inch to 3/4 Inch</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 TOPSOIL. Silty, black.</td>
<td>936.4</td>
<td>8.4</td>
<td>0.6</td>
<td>3.5</td>
<td>4.3</td>
<td>31.7</td>
<td>Loess</td>
</tr>
<tr>
<td>4.5 SILT. Sandy towards bottom of interval, brown.</td>
<td>933.9</td>
<td>12.8</td>
<td>6.9</td>
<td>2.1</td>
<td>3.8</td>
<td>30.1</td>
<td>Superior lobe outwash</td>
</tr>
<tr>
<td>5.0 SAND. Fine to medium sand. Very minor gravel to 1 inch. Small sample volume.</td>
<td>933.4</td>
<td>26.6</td>
<td>9.9</td>
<td>7.2</td>
<td>9.4</td>
<td>33.1</td>
<td></td>
</tr>
<tr>
<td>15.0 SAND. Fine to coarse sand. Very minor gravel to 1-1/4 inches.</td>
<td>923.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20.0 SAND. Fine to coarse sand. Minor gravel to 2-1/4 inches.</td>
<td>918.4</td>
<td>31.2</td>
<td>2.5</td>
<td>8.2</td>
<td>20.5</td>
<td>32.7</td>
<td></td>
</tr>
<tr>
<td>25.0 SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 3 inches.</td>
<td>913.4</td>
<td>38.4</td>
<td>1.5</td>
<td>8.9</td>
<td>28.0</td>
<td>42.0</td>
<td></td>
</tr>
<tr>
<td>37.0 SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 1-3/4 inches. Very rocky (drill action) from 30 to 35 feet.</td>
<td>901.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40.0 TILL. Clayey, gray.</td>
<td>898.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Till</td>
</tr>
</tbody>
</table>

**UTM Zone 15/NAD83/NAVD88**
494,000.15 mE +/- 0.02 m 4,951,049.88 mN +/- 0.02 m

Elevation (ft.): 938.4 +/- 0.1 ft.

**Prepared for:** ProSource Technologies, Inc.  **by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025  (651) 408-9100 jdlehr@citlink.net
Property: UMore Park Property  
Location: City of Rosemount & Empire Township, Dakota County County, Minnesota

UTM Zone 15/NAD83/NAVD88
494,000.63 mE +/- 0.02 m, 4,951,250.32 mN +/- 0.02 m
Elevation (ft.): 935.4 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.): Site: Snow covered field at natural grade.

**DRILLING LOG**

<table>
<thead>
<tr>
<th>Hole No. FF1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth (ft.)</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>1.0 TOPSOIL.</td>
</tr>
<tr>
<td>5.0 SILT.</td>
</tr>
<tr>
<td>SAND. Fine to medium sand. Very minor gravel to 1-1/4 inches.</td>
</tr>
<tr>
<td>SAND. Fine sand. Very minor trace gravel to 3/4 inch.</td>
</tr>
<tr>
<td>SAND. Fine sand. Very minor gravel to 1-1/2 inches.</td>
</tr>
<tr>
<td>SAND. Fine sand. No gravel.</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 2 inches. Poor quality samples 30 to 38 feet - very fine sand below &quot;walked up&quot;. Lower contact based on drill action.</td>
</tr>
<tr>
<td>SAND. Very fine sand. No gravel.</td>
</tr>
<tr>
<td>T.D. 45 ft.</td>
</tr>
</tbody>
</table>

Drilling Method: 9-inch flight auger
Started: 3/5/08 7:40 AM
Drilling Contractor: Braun Intertec
Completed: 3/5/08 8:45 AM
Drill Rig: CME-750
Logged By: J.D. Lehr

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**
493,999.89 mE +/- 0.02 m 4,951,448.81 mN +/- 0.02 m
Elevation (ft.): 937.6 +/- 0.1 ft.
Ground Water Depth (ft.): 64.0
Ground Water Elevation (ft.): 873.6
Site: Snow covered field at natural grade.

**Drilling Method:** 9-inch flight auger
**Started:** 3/5/08 4:10 PM
**Completed:** 3/5/08 5:30 PM
**Drilling Contractor:** Braun Intertec
**Drill Rig:** CME-750
**Logged By:** J.D. Lehr

**DRILLING & SAMPLING**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Gravel Per Drill Action</th>
<th>Sample Runs</th>
<th>Total + #4 Sieve</th>
<th>1.5 Inch to #4 Sieve</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Loess</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SILT.</strong> Brown.</td>
<td></td>
</tr>
<tr>
<td>10.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to medium sand. Very minor trace gravel to 1/2 inch.</td>
<td></td>
</tr>
<tr>
<td>15.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine sand. No gravel.</td>
<td></td>
</tr>
<tr>
<td>25.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine sand. Very minor trace gravel to 3/4 inch.</td>
<td></td>
</tr>
<tr>
<td>30.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND &amp; GRAVEL.</strong> Fine to medium sand, dirty. Gravel to 2-1/4 inches.</td>
<td></td>
</tr>
<tr>
<td>35.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND &amp; GRAVEL.</strong> Fine to coarse sand, dirty. Gravel to 1-1/2 inches.</td>
<td></td>
</tr>
<tr>
<td>40.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to coarse sand, slightly dirty. Minor gravel to 1-3/4 inches.</td>
<td></td>
</tr>
<tr>
<td>45.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to coarse sand. Very minor gravel to 1 inch. Large sample volume.</td>
<td></td>
</tr>
<tr>
<td>50.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to very coarse sand, very dirty. Minor gravel to 1-1/2 inches.</td>
<td></td>
</tr>
<tr>
<td>55.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to very coarse sand, extremely dirty. Very minor gravel to 1-3/4 inches.</td>
<td></td>
</tr>
<tr>
<td>65.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>SAND.</strong> Fine to very coarse sand, extremely dirty. Minor gravel to 1 inch.</td>
<td></td>
</tr>
</tbody>
</table>

**Prepared for:** ProSource Technologies, Inc.  
**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025  
(651) 408-9100  jdlehr@citlink.net
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County County, Minnesota

UTM Zone 15/NAD83/NAVD88
493,999.48 mE +/- 0.02 m 4,951,648.89 mN +/- 0.02 m

Elevation (ft.): 927.7 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water not encountered

Ground Water Elevation (ft.):

Site: Snow covered field at natural grade.

Drilling Method: 9-inch flight auger

Started: 3/6/08 9:55 AM

Completed: 3/6/08 10:50 AM

Drilling Contractor: Braun Intertec

Logged By: J.D. Lehr

DRILLING & SAMPLING

HOLE NO. FF1650

Sampled Intervals

Sampled Runs

Graphic Log

Depth (ft.)

Gravel Per Drill Action

Sampled Intervals

Total #4 Sieve

+ 1.5 Inch to 3/4 Inch

+ 3/4 Inch to #4 Sieve

Sample Wt. (lbs)

Geologic Interpretation

Economic Classification

TOPSOIL. Silty, black.

3.0 924.7

SILT. Brown. Lower contact based on drill action.

7.5 920.2

SAND. Fine to medium sand. Very minor gravel to 2 inches.

10.0 917.7

SAND. Fine to medium sand. Very minor gravel to 1 inch.

20.0 907.7

SILT. Brown.

24.0 903.7

SAND. Fine sand, dirty. Very minor gravel to 1-3/4 inches.

30.0 897.7

SAND. Fine to medium sand, slightly dirty. Very minor gravel to 1-1/2 inches.

40.0 887.7

SAND. Fine to medium sand. Very minor gravel to 1 inch.

45.0 882.7

No samples taken. Estimated less than 10 percent gravel from 7.5 to 45 feet in addition to silt layer from 20 to 24 feet.

Economic Classification

Superior lobe outwash

Loess

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Site: Snow covered soybean stubble field at natural grade.

FILL. Silty, sandy, gravelly.

9.0 928.5

SAND. Fine to medium sand. Very minor trace gravel to 3/4 inch.

20.0 917.5

SAND. Fine to very coarse sand. Very minor gravel to 1-1/2 inches. Poor recovery from 20 to 40 feet - only 7.5 feet.

30.0 907.5

SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.

40.0 897.5

SAND. Fine to very coarse sand. Minor gravel to 1-3/4 inches.

45.0 892.5

SAND. Fine to coarse sand. Minor gravel to 2 inches.

50.0 887.5

SAND & GRAVEL. Fine to coarse sand. Gravel to 3-1/2 inches.

55.0 882.5

SAND. Fine to coarse sand. Very minor gravel to 1-1/2 inches.

60.0 877.5

SAND & GRAVEL. Medium to very coarse sand, slightly dirty. Gravel to 4 inches.

64.0 873.5

TILL. Clayey, yellowish brown, hard.

70.0 867.5

T.D. 70 ft.
Property: UMore Park Property

Drilling Method: 4x6 Rotasonic

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

Drilling Contractor: Traut Wells

UTM Zone 15/NAD83/NAVD88

493,994.59 mE +/- 0.02 m 4,952,747.24 mN +/- 0.02 m

Elevation (ft.): 937.5 +/- 0.1 ft.

Ground Water Depth (ft.): 78.0

Ground Water Elevation (ft.): 859.5

Site: Snow covered soybean stubble field at natural grade.

1.5 TOPSOIL. Silty, black.

3.0 SILT. Brown.

4.0 SAND & GRAVEL. Fine to coarse sand, dirty. Gravel to 1-3/4 inches.

10.0 SAND. Fine to medium sand. Very minor gravel to 1 inch.

15.0 SAND. Fine to medium sand, slightly dirty. Very minor gravel to 1-1/2 inches.

20.0 SAND. Fine to medium sand. Very minor gravel to 1 inch.

25.0 SAND. Fine to medium sand. No gravel.

30.0 SAND. Fine to coarse sand. Very minor gravel to 1 inch.

35.0 SAND. Fine to coarse sand. Minor gravel to 3 inches.

40.0 SAND. Fine to coarse sand. Very minor gravel to 1 inch.

45.0 SAND. Fine to medium sand. Very minor gravel to 1 inch.

50.0 SAND. Fine to medium sand. Very minor gravel to 2 inches.

55.0 SAND. Fine to medium sand. Minor gravel to 1 inch.

60.0 SAND & GRAVEL. Fine to very coarse sand, dirty. Gravel to 1-1/4 inches.

65.0 SAND. Fine to very coarse sand. Minor gravel to 1 inch.
**SAND.** Fine to very coarse sand. Minor gravel to 1 inch. *(continued)*

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Test Results (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80.0</td>
<td>857.5</td>
</tr>
<tr>
<td>82.0</td>
<td>855.5</td>
</tr>
</tbody>
</table>

**SILT.** Sandy in places, brown & reddish brown.

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Test Results (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.0</td>
<td>837.5</td>
</tr>
</tbody>
</table>

No samples taken. Estimated less than 10 percent gravel 3 to 82 feet. Ground water level approximate.
**DRILLING LOG**

**HOLE NO. G0100**

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,500.71 mE +/- 0.02 m 4,950,112.87 mN +/- 0.02 m

Elevation (ft.): 948.6 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water not encountered

Ground Water Elevation (ft.):

Site: Edge of field road at natural grade.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Prepared for: ProSource Technologies, Inc.</th>
<th>by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 <a href="mailto:jdlehr@citlink.net">jdlehr@citlink.net</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample</td>
<td>Runs</td>
<td>Drilling &amp; Sampling</td>
</tr>
</tbody>
</table>

1. **TOPSOIL.** Silty, black.
2. **SILT.** Brown.
3. **SAND.** Fine to medium sand, slightly dirty. Very minor trace gravel to 1/2 inch.
4. **SAND.** Fine to coarse sand. Very minor gravel to 1 inch.
5. **SAND & GRAVEL.** Fine to coarse sand. Gravel to 2-1/2 inches.
6. **SAND.** Fine to medium sand. Very minor gravel to 1-1/4 inches.
7. **SAND.** Fine sand. Very minor trace gravel to 3/4 inch.
8. **SAND.** Fine to coarse sand. Minor gravel to 1-1/4 inches.
9. **TILL.** Clayey, dark gray. Refusal in tight material at 39.5 feet.

Broke off top auger at 39.5 feet.

---

**DRILLING & SAMPLING**

**TEST RESULTS (%)**

- **Sample**: 7.9
- **Drill Action**: 0.0
- **Sampled Intervals**: 1.4
- **Total + #4 Sieve**: 6.5
- **1-1/4 Inch**: 36.9
- **3/4 Inch**: 31.0
- **Sampled Wt. (lbs)**: Superior lobe outwash
- **Geologic Interpretation**: 14.1% + #4
- **Till**

---

**/watch wrapped in 947.6 ft.**

---

**Ground Water Depth (ft.):** Ground water not encountered

---

**Ground Water Elevation (ft.):** 923.6 ft.
### DRILLING LOG

**HOLE NO. G0300**

**Property:** UMore Park Property

**Location:** City of Rosemount & Empire Township, Dakota County, Minnesota

**UTM Zone 15/NAD83/NAVD88**

491,500.56 mE +/- 0.02 m, 4,950,257.51 mN +/- 0.02 m

**Elevation (ft.):** 948.2 +/- 0.1 ft.

**Ground Water Depth (ft.):** 45.0

**Ground Water Elevation (ft.):** 903.2

**Site:** Edge of field road at natural grade.

**Drilling Method:** 9-inch flight auger

**Started:** 9/24/07 4:20 PM

**Completed:** 9/24/07 5:20 PM

**Drilling Contractor:** WDC

**Drill Rig:** CME-85

**Logged By:** J.D. Lehr

**Prepared for:** ProSource Technologies, Inc.

**by:** J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net

---

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Total + #4</th>
<th>+ 1.5 Inch</th>
<th>1.5 Inch to 3/4 Inch</th>
<th>3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
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<tr>
<td>2.5</td>
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<tr>
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<tr>
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<td>12.5</td>
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<td>5.0</td>
<td>0.0</td>
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<td>26.1</td>
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<td>Superior lobe outwash</td>
</tr>
<tr>
<td>25.0</td>
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<td>8.3</td>
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<td>6.6</td>
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<td>21.8</td>
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<td>9.7</td>
<td>21.1</td>
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<tr>
<td>40.0</td>
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<td>8.4</td>
<td>0.0</td>
<td>2.1</td>
<td>6.3</td>
<td>17.5</td>
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</tr>
<tr>
<td>45.0</td>
<td>945.7</td>
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<tr>
<td>47.0</td>
<td>TILL. Sandy, reddish brown. 901.2</td>
<td>T.D. 47 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Till</td>
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</table>
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County County, Minnesota

UTM Zone 15/NAD83/NAVD88
491,500.95 mE +/- 0.02 m 4,950,404.26 mN +/- 0.02 m
Elevation (ft.): 947.5 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.):
Site: Grassy field road at natural grade.

Drilling Method: 9-inch flight auger
Started: 4/21/08 8:25 AM
Completed: 4/21/08 9:20 AM
Drilling Contractor: Braun Intertec
Drill Rig: CME-750
Logged By: J.D. Lehr

Graphic Log
Depth (ft.)

Gravel Per Drift Action
Sampled Intervals
Sampled Runs
Total + #4 Sieve
1.5 Inch to 3/4 Inch
3/4 Inch to #4 Sieve
Sample WT. (lbs)
Geologic Interpretation
Economic Classification

Loess
Superior lobe outwash
Till

1.5 TOPSOIL. Silty, black.
3.0 SILT. Brown. Gradational with below.
5.0 SAND. Fine to medium sand, very dirty. Very minor trace gravel to 3/4 inch.
10.0 SAND. Fine to medium sand. Very minor gravel to 1-3/4 inches.
15.0 SAND & GRAVEL. Fine to coarse sand. Gravel to 2-1/4 inches.
20.0 SAND & GRAVEL. Fine to very coarse sand. Gravel to 3 inches.
25.0 SAND & GRAVEL. Medium to very coarse sand. Gravel to 2 inches.
30.0 SAND & GRAVEL. Fine to medium sand. Gravel to 3 inches.
35.0 SAND. Fine to medium sand. Minor gravel to 2-1/2 inches.
40.0 SAND & GRAVEL. Fine to medium sand. Gravel to 3-1/2 inches. Very rocky (drill action) from 38 to 40 feet.
41.6 TILL. Clayey, gray.

T.D. 41 ft.

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
Property: UMore Park Property

UTM Zone 15/NAD83/NAVD88
491,498.28 mE +/- 0.02 m 4,950,550.21 mN +/- 0.02 m
Elevation (ft.): 946.3 +/- 0.1 ft.
Ground Water Depth (ft.): 62.0
Ground Water Elevation (ft.): 884.3
Site: Edge of field road at natural grade.

Drilling Contractor: WDC
Drill Rig: CME-85
Logged By: J.D. Lehr

DRILLING & SAMPLING

<table>
<thead>
<tr>
<th>Graphic</th>
<th>Depth (ft.)</th>
<th>Gravel Per Drill Action</th>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4 Sieve</th>
<th>+ 1.5 Inch to 3/4 Inch</th>
<th>+ 3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Geologic Interpretation</th>
<th>Economic Classification</th>
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<tbody>
<tr>
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<tr>
<td>2.0</td>
<td>TOPSOIL. Silty, black.</td>
<td>944.3</td>
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<td></td>
<td></td>
<td></td>
<td>Loess</td>
</tr>
<tr>
<td>4.0</td>
<td>SILT. Brown.</td>
<td>942.3</td>
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</tr>
<tr>
<td>5.0</td>
<td>SAND &amp; GRAVEL. Fine to coarse sand, dirty. Gravel to 1-1/2 inches.</td>
<td>941.3</td>
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</tr>
<tr>
<td>10.0</td>
<td>SAND. Fine to coarse sand. Minor gravel to 1-3/4 inches.</td>
<td>936.3</td>
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</tr>
<tr>
<td>15.0</td>
<td>SAND &amp; GRAVEL. Fine to coarse sand. Gravel to 3-1/2 inches.</td>
<td>931.3</td>
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</tr>
<tr>
<td>20.0</td>
<td>SAND. Fine to medium sand. Very minor gravel to 3-1/4 inches.</td>
<td>926.3</td>
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<tr>
<td>30.0</td>
<td>SAND. Fine to medium sand. Minor gravel to 3 inches.</td>
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<tr>
<td>40.0</td>
<td>SAND &amp; GRAVEL. Fine to coarse sand, slightly dirty. Gravel to 1-1/2 inches.</td>
<td>906.3</td>
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</tr>
<tr>
<td>65.0</td>
<td>SAND. Fine to medium sand. Very minor trace gravel to 3/4 inch.</td>
<td>881.3</td>
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</tbody>
</table>

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
**Property: UMore Park Property**

**Location: City of Rosemount & Empire Township, Dakota County, Minnesota**

**UTM Zone 15/NAD83/NAVD88**
491,500.01 mE +/- 0.02 m 4,950,689.84 mN +/- 0.02 m

Elevation (ft.): 945.6 +/- 0.1 ft.

Ground Water Depth (ft.): Ground water not encountered

Ground Water Elevation (ft.): Site: Edge of field road at natural grade.

---

### DRILLING & SAMPLING

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4</th>
<th>+ 1.5 inch Sieve</th>
<th>+ 1/4 Inch Sieve</th>
<th>Economic Classification</th>
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<tbody>
<tr>
<td>9.8</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>14.0% + #4</td>
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<tr>
<td>7.7</td>
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<td></td>
<td></td>
<td></td>
<td>Superior lobe outwash</td>
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<tr>
<td>0.0</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Lacustrine sediment</td>
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**Sampled Intervals**

<table>
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<tr>
<th>Sampled Intervals</th>
<th>Sampled Runs</th>
<th>Total + #4</th>
<th>+ 1.5 inch Sieve</th>
<th>+ 1/4 Inch Sieve</th>
<th>Economic Classification</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12.4</td>
<td>1.2</td>
<td>3.4</td>
<td>7.7</td>
</tr>
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<td></td>
<td></td>
<td>16.0</td>
<td>0.0</td>
<td>6.2</td>
<td>9.8</td>
</tr>
</tbody>
</table>

---

**Estimated less than 10 percent gravel from 15 to 40 feet.**

---

**Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net**
**Property:** UMore Park Property  
**Location:** City of Rosemount & Empire Township, Dakota County County, Minnesota

**UTM Zone 15/NAD83/NAVD88**  
491,500.02 mE +/- 0.02 m 4,950,874.11 mN +/- 0.02 m  
Elevation (ft.): 945.7 +/- 0.1 ft.  
Ground Water Depth (ft.): 60.0  
Ground Water Elevation (ft.): 885.7  
**Site:** Edge of corn field north of field road at natural grade.

<table>
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<th>Depth (ft.)</th>
<th>Description</th>
<th>Sampled Intervals</th>
<th>Sample Runs</th>
<th>Total + #4 Sieve</th>
<th>+ 1 1/4 Inch</th>
<th>3/4 Inch to 1 Inch</th>
<th>#4 Sieve</th>
<th>Sample Wt. (lbs)</th>
<th>Economic Classification</th>
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<td>0</td>
<td>GRAPHIC LOG</td>
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</tr>
<tr>
<td>2.0</td>
<td>TOPSOIL</td>
<td>Silty, black.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td>SILT.</td>
<td>Brown.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>10.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Minor gravel to 1-1/2 inches.</td>
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</tr>
<tr>
<td>15.0</td>
<td>SAND &amp; GRAVEL</td>
<td>Fine to coarse sand. Gravel to 3-1/2 inches.</td>
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</tr>
<tr>
<td>20.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Minor gravel to 1-3/4 inches.</td>
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</tr>
<tr>
<td>25.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Minor gravel to 1 inch.</td>
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</tr>
<tr>
<td>35.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Slightly dirty. Minor gravel to 1 inch.</td>
<td></td>
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</tr>
<tr>
<td>40.0</td>
<td>SAND</td>
<td>Fine to coarse sand. Very minor gravel to 1 inch.</td>
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<tr>
<td>50.0</td>
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<td>Fine to coarse sand. Very minor trace gravel to 1 inch.</td>
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<tr>
<td>60.0</td>
<td>SAND</td>
<td>Fine to medium sand. No gravel.</td>
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<tr>
<td>65.0</td>
<td>SAND</td>
<td>Very fine to fine sand. No gravel.</td>
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</tbody>
</table>

Small sample volume from 30 to 45 feet.
Interval 25 to 35 is the only interval with decent percentage gravel. Too much sand 5 to 25 feet.
No Samples taken. Only decent gravel percentage is from 35 to 45 feet. Higher percentage gravel indicated by drill action from 45 to 60 feet than reflected in samples.
Property: UMore Park Property

Location: City of Rosemount & Empire Township, Dakota County, Minnesota

Drilling Method: 9-inch flight auger
Started: 9/21/07 2:45 PM
Drilling Contractor: WDC
Completed: 9/21/07 4:10 PM
Drill Rig: CME-85
Logged By: J.D. Lehr

UTM Zone 15/NAD83/NAVD88
491,500.14 mE +/- 0.02 m 4,951,493.53 mN +/- 0.02 m
Elevation (ft.): 952.5 +/- 0.1 ft.
Ground Water Depth (ft.): Ground water not encountered
Ground Water Elevation (ft.):
Site: Edge of field road at natural grade.

**Geologic Interpretation**
- Loess
- Superior lobe outwash

**Drilling & Sampling**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Sampled Intervals</th>
<th>Total + #4 Sieve</th>
<th>+ 1.5 Inch to 3/4 Inch</th>
<th>+ 3/4 Inch to #4 Sieve</th>
<th>Sample Wt. (lbs)</th>
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<tbody>
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<td>5.0</td>
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<td></td>
</tr>
</tbody>
</table>

**Graphic Log**

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net
TOPSOIL. Silty, black.

SILT. Brown.

SAND. Fine sand. Very minor trace pea gravel.

SAND. Fine to medium sand. Very minor gravel to 1-1/2 inches.

SAND. Fine to coarse sand. Minor gravel to 1-1/4 inches.

SAND. Fine to medium sand. Very minor trace gravel to 1-1/4 inches.

SAND. Fine to coarse sand. Minor gravel to 3 inches.

SAND. Fine to coarse sand. Minor gravel to 2-1/2 inches.

SAND. Fine to very coarse sand. Minor gravel to 2-1/2 inches.

SAND & GRAVEL. Fine to very coarse sand. Gravel to 3 inches.

SAND & GRAVEL. Fine to coarse sand. Gravel to 1-3/4 inches.

SAND. Fine to coarse sand. Minor gravel to 3-1/2 inches.

SAND. Fine to medium sand. Very minor gravel to 1-1/4 inches.

18.1% + #4

Loess

Superior lobe outwash

Prepared for: ProSource Technologies, Inc. by: J.D. Lehr, PG, 8679 243rd Street, Forest Lake, MN 55025 (651) 408-9100 jdlehr@citlink.net