APPENDIX III

The following site data forms are designated as "prospective site; not sampled." The sites described herein are depicted on the county materials map as a " ● ".

LEGEND

This symbol on the site data form represents a prospective site.
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

Site No. 12+101  
Date June, 1965

Marshall County

Limestone

Material:

Location: Sec. 27, T. 15 S., R. 9 E.

Owner: John H. Jones

Address: Frankfort, Kansas

Nature of Seepage: Dry

Accessibility: Good

Status of Site: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material of Bottom of Hole</th>
<th>Depth of Water</th>
<th>Depth of Mined</th>
<th>Percent Mined</th>
<th>U/S</th>
<th>V/S</th>
<th>%</th>
<th>1%</th>
<th>5%</th>
<th>10%</th>
<th>50%</th>
<th>100%</th>
<th>G.F.</th>
<th>L.L.</th>
</tr>
</thead>
</table>

GEOLICAL DATA

Geological Age: Permian

Geological Source: Cottonwood and Merva Limestone Members

Material Similar To:

Specific Gravity (dry):

Loss on Ignition:

Acidity:

Wt. % CaCO3:

Humidity:

NATURAL RESOURCES

FARM SITE

Scale: 1" = 1/2 mile

[Map of site with farm site indicated]
12-603
Pno.

Site No. 12-603
Date: June, 1965

Limestone
County: Marshall

Material: Limestone
Location: Sec. 7, Tp. 50, Rng. 8N
Owner: Pat E. Reh

Materials: Dry
Accessibility: Good

State of Site: Not Sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Task Note</th>
<th>Material Below Grade</th>
<th>Depth from Surface</th>
<th>L.I.</th>
<th>50</th>
<th>30</th>
<th>10</th>
<th>5</th>
<th>3</th>
<th>1</th>
<th>Percent Retained</th>
<th>L.B.</th>
</tr>
</thead>
</table>

CORELATION DATA

Geological Age: Persian
Geological Forms: Cottonwood Limestone Member
Material Similar To: Cinnabar

Specific Gravity (Sat.): (Dry)
Loss: Los Angeles Wear
Absorption: (Dry)
Porosity: (Dry)
Permeability: (Dry)
Density: Ste. Radio

Inches
**Material Survey Report**

**Site No.:** LS+104

**Location:** Limestone

**County:** Marshall

**Date:** June, 1965

**Owner:** William Martin

**Address:** Frankfort, Kansas

**Nature of Property:** Dry

**Accessibility:** Good

**Status of Site:** Prospective site, not sampled

---

### Exploration Data

<table>
<thead>
<tr>
<th>Depth below</th>
<th>Material below</th>
<th>Depth of Fault</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft</td>
<td>5 ft</td>
<td>5 ft</td>
<td>Wet</td>
</tr>
</tbody>
</table>

### Correlation Data

**Geological Age:** Permian

**Geological Form:** New Limestone Member

**Material Similar To:**

**Specific Gravity, [g/cm³]:** (N/A)

**Los Angeles Hardness:**

**Absorption:**

**Hydr. Sol. #:**

**Specimen:**

---

[Map of site with Farm Site labeled]
**STATE HIGHWAY COMMISSION OF KANSAS**

**MATERIAL SURVEY REPORT**

**Site No.**... 20-105  
**Date** June, 1965  
**Location** 20-105  
**Material** Sand and Gravel  
**County** Marshall

---

**EXCAVATION DATA**

<table>
<thead>
<tr>
<th>Test</th>
<th>Depth (ft)</th>
<th>Density (pcf)</th>
<th>Moisture (%)</th>
<th>Per cent of Material</th>
<th>Maximum Grain Size</th>
<th>Actual Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**ORIENTATION DATA**

- **Geological Age:** Quaternary
- **Geological Stage:** Farmen Till
- **Material Exposed:**
  - **Specific Gravity:** 2.67
  - **Freeze Thaw:** (Not Specified)
  - **Describer:** (Not Specified)
  - **Depth:** (Not Specified)
  - **Beds:** (Not Specified)

---

**DIAGRAM:**

[Map showing geological features and site locations]
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

SG+107
June, 1965
Site No. 307

Date

Sand and Gravel

County

Marshall

Location

Sec. 15

18

Range

10E

Owner

Joseph W. and Nora Coughlin

Summer, Kansas

Nature of Deposit

Dry

Accessibility

Fair

Prosp. site; not sampled

Site

Status of Site

EXCAVATION DATA

Material at bottom of hole

Material at side of hole

Density

Gravel

Sand

Soil

Plastic Index

Unit Weight

Water

G.F.

L.I. (l. p.c)

Quaternary

Geological Group

Kansan Till

Material Tested

Specific Gravity (Sat.)

Dry

Los Angeles Wear

Absorption

Unit Weight

Remarks

1" = 1 mile
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL JURY REPORT

Site no. 30+112 Date June, 1965
Materials Sand and Gravel County Marshall
Location S1 Loc. 12 Town 15 Range 10E
Nature of Deposit See Below
Status of Site Prospective site; not sampled

EXPLANATION DATA

<table>
<thead>
<tr>
<th>Source Data</th>
<th>Material Size of Material Depth of Material Required Cut 1' 1/2' 2' 3' 4' 5' 6' 8' 10' 12' 14' 16' 20' 30' 50' 80' S.P. E.P. L.E. F.G.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EXPLANATION DATA

Geological Age Cenozoic
Geological Group Kansas Till
Material Limit to

Specific Gravity (dry) (dry)
Los Angeles Wear

Remarks W3, SW1, Sw1 James O'Toole Artell, Kansas

W1, SE1 & B3, SW2 Mary Jane McGreath Marysville, Kansas

Scale 1/4 mile
STATE HIGHWAY COMMISSION OF KANSAS

HORIZONTAL SURVEY REPORT

Site No. 30+11th Date June, 1963

Material
Sand and Gravel

County Marshall

Locality Sec. 9, Tp. 53, Range 7E

Cover
Lawrence Bach
Blue Rapids, Kansas

Nature of Deposit
Dry

Accessibility
Good

Status of Site
Prospective site; not sampled

EXPLORATION DATA

Material Material Depth Average Depth Actual Water Perce Realized

Geological Age Quaternary

Geological Source Kansas Tuff

Material Similar To

Deposits Description (Exp.)

Dry.

Los Angeles Wear

Absorption

Moisture

Wt. %: X

Remarks

SCALE

1 = 1 mile
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

5G-116 Date: June, 1965

Site: Sand and Gravel County: Marshall

Location: Sec. 35, T. 4S, R. 7E

Owner: Frances R. Williams Address: Marysville, Kansas

Nature of Deposit: Dry Accessibility: Fair

Status of Site: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material Below Surface</th>
<th>Depth Above Surface</th>
<th>Per Cent</th>
<th>Water</th>
<th>G.S.</th>
<th>D. H.</th>
<th>Index</th>
<th>Bulk</th>
<th>S.F.</th>
<th>L.L.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material Below Surface</th>
<th>Depth Above Surface</th>
<th>Per Cent</th>
<th>Water</th>
<th>G.S.</th>
<th>D. H.</th>
<th>Index</th>
<th>Bulk</th>
<th>S.F.</th>
<th>L.L.</th>
</tr>
</thead>
</table>

CONSOLIDATION DATA

Geological Age: Quaternary

Geological Source: Kansas Till

Material Similar To:

Specific Gravity (dry):

Los Angeles Wear:

Resilient Modulus:

Wt. Gain, %:

Resilience:

Scale: 1" = 1/2 mile
**Site No. 118**

**MATERIAL JOURNAL REPORT**

- **Site No.**: 118
- **Date**: June 1965
- **County**: Marshall
- **Location**: Sec. 30, Twp. 18 S., Range 55 E.
- **Owner**: Elmo F. and Elaine F. Mingers
- **Address**: Hanover, Kansas

**Nature of Deposit**: Dry

**Accessibility**: Good

**Status of Site**: Prospective site not sampled

### EXPLANATION DATA

<table>
<thead>
<tr>
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<td></td>
</tr>
</tbody>
</table>

### GEOLOGICAL DATA

- **Geological Age**: Quaternary
- **Geological Group**: Kansas Till
- **Material Similar To**: 

### SPECIFIC GRAVITY DATA

- **Specific Gravity (Wet)**: 
- **Specific Gravity (Dry)**: 

### LOS ANGELES BEAR NUMBER

- **Los Angeles Bear Number**: 

### OTHER DATA

- **Color**: 
- **Wt. In. ft.**: 
- **Strata**: 

### SOURCES

- Additional information on sources is not provided.
# State Highway Commission of Kansas

## Water Well Survey Report

**Site No.** 80-672

**Location** 30-11-22 N, T. 22 W., sec. 22, T. 22 N., 22 W., Marshall County, Kansas

**Drillers Name** J. W. Randell, Marysville, Kansas

**Date** June, 1965

**Material** Sand and Gravel

### Exploitation Data

<table>
<thead>
<tr>
<th>Depth of Water</th>
<th>Depth of Water</th>
<th>Permeability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 ft.</td>
<td>2 ft.</td>
<td>Good</td>
</tr>
</tbody>
</table>

### Geology Data

**Geological Age** Quaternary

**Geological Horizon** Kansas Till

**Material** Silt loam

**Specific Gravity (Sol.)** 1.6

**Los Angeles Wear** 11

**Absorbency** Sound

**Min. Oil FLD** Off. Scale

**Remarks**

### Diagram

- Farm Site
- Sec. Line Rd.
- 1" = 1 mile

---

1. **State Highway Commission of Kansas**
2. **Water Well Survey Report**
3. **Site No.** 80-672
4. **Location** 30-11-22 N, T. 22 W., sec. 22, T. 22 N., 22 W., Marshall County, Kansas
5. **Drillers Name** J. W. Randell, Marysville, Kansas
6. **Date** June, 1965
7. **Material** Sand and Gravel
8. **Exploitation Data**
   - Depth of Water: 0.5 ft., 2 ft.
   - Permeability: Good
9. **Geology Data**
   - **Geological Age**: Quaternary
   - **Geological Horizon**: Kansas Till
   - **Material**: Silt loam
   - **Specific Gravity (Sol.)**: 1.6
   - **Los Angeles Wear**: 11
   - **Absorbency**: Sound
   - **Min. Oil FLD**: Off. Scale
   - **Remarks**
10. **Diagram**: Farm Site, Sec. Line Rd., 1" = 1 mile.