APPENDIX II

The following site data forms are designated as 'prospective site: sampled.' The sites described herein are depicted on the county materials maps as a "\(\nabla\)".

LEGEND

\[\text{\(\nabla\)\}]

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

SITE NO. 90410
DATE September, 1961

MATERIAL Sand & Gravel

COUNTY Sherman

LOCATION NW 1/4 SE 1/4 SEC 26 TWR 108 RANGE 38W

OWNER John Bogwell

TENANT

NATURE OF DEPOSIT Dry

ACCESSIBILITY Fair

STATUS OF SITE Prospective Site; sampled

<table>
<thead>
<tr>
<th>EXPLORATION DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Test</td>
</tr>
<tr>
<td>No. 100 ft.</td>
</tr>
<tr>
<td>H2</td>
</tr>
<tr>
<td>Ave</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

| 0.0 | 3.0 |

<table>
<thead>
<tr>
<th>CORRELATION DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLOGICAL AGE</td>
</tr>
<tr>
<td>GEOLOGICAL SOURCE</td>
</tr>
<tr>
<td>MATERIAL SIMILAR TO</td>
</tr>
</tbody>
</table>

REMARKS | | |
| | | |
| | | |
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 50-51
To:

DATE September, 1964

MATERIAL: Sand & Gravel

COUNTY: Sherman

LOCATION: 1094
SEC. 26
TWP. 108
RANGE 30W

OWNER: John Oggewell
529 Main, Goodland, Ks.

TENANT: None

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Fair

STATUS OF SITE: Prospective site; sampled

EXCAVATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material at Bottom of Hole</th>
<th>Depth of Exploration</th>
<th>Depth of Excavation</th>
<th>Percent Material</th>
<th>Mucked</th>
<th>Stabilized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave. 3.39</td>
<td>3 4 5 16 27 53 71 83 89 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE: Pliocene

GEOLICAL SOURCE: Ogallala Phr.

MATERIAL SIMILAR TO Material reported on SHC 619 form # 91-21

REMARKS: 

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Pond

Scale: 1"=1000'
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 50-42
DATE September, 1970

MATERIAL: Sand & Gravel
COUNTY: Sherman

LOCATION:
METERS: 34.1
SECS. 34, TWP. 76, RANGE. 41N

OWNER: Ray & Vilena Web

OWNER'S ADDRESS:

TENANT:

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; sampled

EXPLOSION DATA

<table>
<thead>
<tr>
<th>samples in Section 12 July</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth of Bog</td>
</tr>
<tr>
<td>--------------</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

CORRECTION DATA

GEOLOGICAL AGE: Recent
GEOLOGICAL SOURCE: Alluvium

MATERIAL: Similar to Material reported on KDO 619 form # 91-6

REMARKS:

---

---
**STATE HIGHWAY COMMISSION OF KANSAS**

**MATERIAL SURVEY REPORT**

Site No. 53-13  
Material: Sand & Gravel  
County: Sherman  
Location: Sec. 4  
Twp. 8S  
Rng. 11W  
Owner: Nelson & Eugene Woolverton  
Burlington, Kansas  
Tenant:  
Nature of Deposit: Dry  
Accessibility: Good  
Status of Site: Prospective site sampled

### EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material at Bottom of Hole</th>
<th>Depth of Core Penetration</th>
<th>Depth of Hole</th>
<th>Percent Satisfactory</th>
<th>Total Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Te</td>
<td>Mud</td>
<td>0.3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CORRELATION DATA

Geological Age: Recent  
Geological Source: Alluvium  
Material Similar To: Material reported on SHR 619 Form # 91-7

Remarks:
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: 90-44
DATE: September, 1961

MATERIAL: Sand & Gravel
COUNTY: Sherman

LOCATION: 26° 30' NS / 20° 0' SEC. 20 TWP. 78 RANGE 50W

OWNER: Robert H. Neathery
St. Joliet, Goodland, Ks.

REMARKS:

EXPLOSION DATA

| Test Date | Material at Surface | Depth of Material | Depth of Sand | Percent gravel | 5% | 10% | 15% | 20% | 25% | 30% | 35% | 40% | 45% | 50% | 55% | 60% | 65% | 70% | 75% | 80% | 85% | 90% | 95% | 100% | D.F. |
|-----------|---------------------|------------------|--------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Aug. 10th | 0                   | 3                | 1.4          | 1.3           | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 |

CORRELATION DATA

GEOLOGICAL AGE: Recent
GEOLOGICAL SOURCE: Alluvium

MATERIAL SIMILAR TO: Material reported on SHC 619 Form # 91-3

REMARKS:

[Diagram of site with marked locations and roads]
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 80-446

DATE September, 1951

MATERIAL Sand & Gravel

COUNTY Sherman

LOCATION R64\ W

OWNER Norman Tappan

FARM Goodland, Kansas

TENANT

STATUS OF SITE Prospective site, sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>1/2</td>
<td>2</td>
<td>6</td>
<td>18</td>
<td>66</td>
<td>8</td>
<td>98</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
<td>1/4</td>
<td>4</td>
<td>1</td>
<td>30</td>
<td>66</td>
<td>20</td>
<td>98</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
<td>3/4</td>
<td>8</td>
<td>16</td>
<td>80</td>
<td>6</td>
<td>100</td>
<td>96</td>
</tr>
</tbody>
</table>

CORELATION DATA

GEOLOGICAL AGE Recent

GEOLOGICAL SOURCE Alluvium

MATERIAL SIMILAR TO Material reported on SME Soil form # 91-1

REMARKS:

Scale: 1"=1000 ft

Sec. Line

Fund

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Sec. Line

Sec. Line
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 80-L8
OWNER Abbie R. Kolfe
MATERIAL Sand and Gravel
LOCATION S 32', R 83', T 3 N
DATE September, 1961
COUNTY Sherman
TENANT
NATURE OF DEPOSIT Dry
ACCESSIBILITY Good
STATUS OF SITE Prospective site; sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material as Listed in Field</th>
<th>Depth of Material</th>
<th>Percent Under 6&quot;</th>
<th>6-10&quot;</th>
<th>10-16&quot;</th>
<th>16-20&quot;</th>
<th>20-30&quot;</th>
<th>30-50&quot;</th>
<th>50-100&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave.</td>
<td>3</td>
<td>7</td>
<td>2</td>
<td>5</td>
<td>33</td>
<td>24</td>
<td>11</td>
<td>50</td>
<td>85</td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Recent
GEOLOGICAL SOURCE Alluvium
MATERIAL SIMILAR TO material reported on SHE 619 form #91-17

REMARKS

Scale: 1" = 1000'

<table>
<thead>
<tr>
<th>Farm Site</th>
</tr>
</thead>
</table>

Road
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 50-49  DATE September 1961

MATERIAL Sand and Gravel  COUNTY Sherman

LOCATION NE 1/4 SE 1/4 TWP. 78  RANGE W04

OWNER John Schindler  122 E. 10th St., Goodland, Ks.

TENANT

NATURE OF DEPOSIT Dry  ACCESSIBILITY Good

STATUS OF SITE Prospective site; sampled

---

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Pits</th>
<th>Material (at Base)</th>
<th>Depth of Material</th>
<th>Depth of Soils</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sampled</th>
<th>75</th>
<th>70</th>
<th>65</th>
<th>60</th>
<th>55</th>
<th>50</th>
<th>45</th>
<th>40</th>
<th>35</th>
<th>30</th>
<th>25</th>
<th>20</th>
<th>15</th>
<th>10</th>
<th>5</th>
<th>0</th>
</tr>
</thead>
</table>

---

CORRELATION DATA

GEOLOGICAL AGE Recent  GEOLOGICAL SOURCE Alluvium
MATERIAL SIMILAR TO material reported on SHC 619 form # 91-2

REMARKS

________________________
________________________
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. ___________________

DATE: September 1953

MATERIAL: Sand & Gravel

COUNTY: Sherman

LOCATION: NE

SEC. 8

TWP 35

RANGE 46

OWNER: Carl H. Errington

1102 Arcade, Goodland, Kansas

RENTAL: $250

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Prospective after sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Roll</th>
<th>Material at Bottom of Roll</th>
<th>Depth of Roll</th>
<th>Depth of Site</th>
<th>Percent</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ave</td>
<td></td>
<td>0</td>
<td>6</td>
<td>1/2</td>
<td>1/2</td>
</tr>
</tbody>
</table>

CROSS SECTION

SCALE: 1"=1000'

GEOLOGICAL AGE: Pliocene

GEOLOGICAL SOURCE: Ogallala Fm.

MATERIAL SIMILAR TO:

REMARKS: 

The data provided includes a table for exploration data with columns for test roll, material at bottom of roll, depth of roll, depth of site, percent, and material. The table has one row with values 0, 6, 1/2, 1/2, and 3/4, respectively. The cross section shown at the bottom of the page is not legible due to the image quality.
APPENDIX III

The following site data forms are designated as "open site, sampled."
The sites described herein are depicted on the county materials map as a "■".

LEGEND

This symbol on the site data form represents an open site.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. S00 51
To DATE September, 1960

MATERIAL Sand & Gravel
COUNTY Sherman

LOCATION NW1/2 SE1
SEC. 6
TWP. 108
RNGE 9 W

OWNER Hoyt Teppke
SH. & KSAS, Goodland, KS.

TENANT

NATURE OF DEPOSIT Dry

ACCESSIBILITY Good

STATUS OF SITE Open site; sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Site</th>
<th>Material Below</th>
<th>Depth of</th>
<th>Depth of</th>
<th>Percent</th>
<th>Specific Gravity</th>
<th>Bulk Vol.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ave.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>100</td>
</tr>
<tr>
<td>76.88</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>0.42</td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pliocene
GEOLOGICAL SOURCE Ogalla Lf.

MATERIAL SIMILAR TO Material reported on SHC 619 form # 91-19

REMARKS:

Scale: 1"=1000'
**STATE HIGHWAY COMMISSION OF KANSAS**

**MATERIAL SURVEY REPORT**

**SITE NO:** 90-52

**DATE:** September, 1961

**MATERIAL:** Sand & Gravel

**COUNTY:** Sherman

**LOCATION:** Sec. 1 NW 1

**TWP:** 28

**RANGE:** 62N

**OWNER:** Chester G. Grover

**Harpurville, Kansas**

**TENANT:** None

**NATURE OF DEPOT:** Dry

**ACCESSIBILITY:** Good

**STATUS OF SITE:** Open site; sampled

---

### EXPLORATION DATA

<table>
<thead>
<tr>
<th>Sample</th>
<th>Material</th>
<th>Depth of Deposit</th>
<th>Depth of Rock</th>
<th>Percent Rock</th>
<th>Percent Sand</th>
<th>Percent Gravel</th>
<th>Next Below</th>
<th>Percent below</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Sand &amp; Gravel</td>
<td>4'</td>
<td>4'</td>
<td>50</td>
<td>95</td>
<td>5</td>
<td>70</td>
<td>93</td>
</tr>
<tr>
<td>27</td>
<td>Sand &amp; Gravel</td>
<td>4'</td>
<td>4'</td>
<td>50</td>
<td>95</td>
<td>5</td>
<td>70</td>
<td>93</td>
</tr>
</tbody>
</table>

**CORRELATION DATA**

**GEOLOGICAL AGE:** Pliocene

**GEOLOGICAL SOURCE:** Ogallala Formation

**MATERIAL SIMILAR TO:** Material reported on SHS form # 91-11

**REMARKS:**

---
**STATE HIGHWAY COMMISSION OF KANSAS**

**MATERIAL SURVEY REPORT**

**SITE NO.** 20-53

**DATE** September, 1963

**MATERIAL** Sand and Gravel

**COUNTY** Sherman

**LOCATION** NW1, NW1, SEC 17 TWP 78 RANGE 39W

**OWNER** John A. Laugen

**RESIDENTIAL ADDRESS** Rt. 2, Goodland, Kansas

**TENANT** Mrs. John A. Laugen

**ACCESSIBILITY** Good

**NATURE OF DEPOSIT** Dry

**STATUS OF SITE** Open site; sampled

### EXPLORATION DATA

<table>
<thead>
<tr>
<th>Depth of sample of stone</th>
<th>Depth of gravel</th>
<th>Depth of soil</th>
<th>Depth of water</th>
<th>Density of gravel</th>
<th>Density of soil</th>
<th>Density of water</th>
<th>Total density</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>8</td>
<td>16</td>
<td>31</td>
<td>16</td>
<td>70</td>
<td>85</td>
</tr>
</tbody>
</table>

### CORRELATION DATA

**GEOLOGICAL AGE** Recent

**GEOLOGICAL SOURCE** Alluvium

**MATERIAL SIMILAR TO** material reported on SHC 619 form # 91-20

**REMARKS:**

---

**Scale:** 1" = 1000'

**Road**

**Farms:** 310, 312

**Farm Entrance:**

---

**Sec. Line** 17
APPENDIX IV

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. 30+56
DATE September 1961

MATERIAL Sand and Gravel
COUNTY Sherman

LOCATION 881
SEC. 10
TWP. 109
RANGE 10W

OWNER Glade E. Larson

TENANT

NATURE OF DEPOSIT Dry
ACCESSIBILITY Good

STATUS OF SITE Prospective site not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test</th>
<th>Depth of Deposit</th>
<th>Depth of Gravel</th>
<th>Depth of Line</th>
<th>Percent Gravel</th>
<th>1%</th>
<th>2%</th>
<th>4%</th>
<th>8%</th>
<th>10%</th>
<th>16%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pliocene
GEOLOGICAL SOURCE Ogallala Ps.

MATERIAL SIMILAR TO

REMARKS:

Scales 1" = 1000'
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 674855
DATE September 1966

MATURAL Sand and Gravel
COUNTY Sherman

LOCATION Sec. 21, Twp. 66, Range 38E

OWNER Pauline Kohrt

ADDRESS Edson, Kansas

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Soil Data</th>
<th>Description of Sediments</th>
<th>Depth of Free Water</th>
<th>Depth of Bedrock</th>
<th>Percent of Material</th>
<th>Percent of 1/2&quot;</th>
<th>Percent of 1/4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE: Flfiocene
GEOLOGICAL SOURCE: Ogallala Fm.

MATERIAL SIMILAR TO

REMARKS


STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 56-57  DATE  September, 1954

MATERIAL: Sand and Gravel  COUNTY: Sherman

LOCATION: NE1, NE1  SEC. 23  TWP. 6S  RANGE 11W

OWNER: Wallace F. Bettsall  Location: Kansas

TENANT:  Address:

NATURE OF DEPOSIT: Dry  ACCESSIBILITY: Poor

STATUS OF SITE: Prospective site not sampled

| Test No. | Elevation | Depth of | Depth of | oo %  Wy %  Cc %  Wave 10  Wave 30  Wave 60  Wave 100 | Wave 500 | Wave 1000 |
|----------|-----------|---------|---------|--------|--------|--------|--------|--------|--------|
|          |           |         |         |        |        |        |        |        |        |

| GEOLOGICAL AGE: Pliocene  GEOLOGICAL SOURCE: Ogallala Fm.  MATERIAL SIMILAR TO: |

REMARKS:

Sec. Line  3 Sec. Line

1" = 1000'

Map: Sec. 31  NE1

Road
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 90-69

DATE September, 1964

MATERIAL: Sand and Gravel

COUNTY: Sherman

LOCATION: NE 1, SE 1

SEC.: 16

TWP.: 68

RANGE: 12W

OWNER: Frank J. Steimer

1016 W. Elm, Gretna, Nebr.

TENANT: 

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Prospective site, not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test hole</th>
<th>Depth of Bottom</th>
<th>Depth of Core</th>
<th>Percent Weathered</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEological AGE: Pliocene

GEOLOGICAL SOURCE: Ogallala Fm.

MATERIAL SIMILAR TO: 

REMARKS:

______________________________
______________________________
______________________________
______________________________
______________________________
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE #: 40  DATE: September, 1961

MATERIAL: Sand & Gravel  COUNTY: Sherman

LOCATION: Sec. 35  Sec. 32  Sec. 35  Twp. 68  Range 37W

OWNER: John Brooks

RENT: 84

NATURE OF DEPOSIT: Dry  ACCESSIBILITY: Fair

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material</th>
<th>Depth of Drilling</th>
<th>Depth of Borehole</th>
<th>Percent Railed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA


MATERIAL: Similar to

REMARKS: One hole was drilled on this site by the Geology Section of the State Highway Commission. 1/2' of sand & gravel was found under 12' of overburden. This site may merit further investigation.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 50-61 To

MATERIAL: Sand & Gravel

DATE: September, 1961

COUNTY: Sherman

LOCATION: N 37° 11' 28" W

TWP. 92 RANGE 36W

SEC. 11

OWNER: L. E. Coatney

Edgar, Kansas

ADDRESS:

TELLER: R. E.

ACCESSIBILITY: Good

NATURE OF DEPOSIT: Dry

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Depth of Pit (ft)</th>
<th>Depth of Materials (ft)</th>
<th>Percent Mixture</th>
<th>Perfor. Malaysian</th>
<th>Perfor. Foot</th>
<th>Test Foot</th>
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CORRELATION DATA

GEOLICAL AGE: Pliocene

GEOLOGICAL SOURCE: Ogallala Ph.

MATERIAL SIMILAR TO

REMARKS: One hole was drilled on this site by the Geology Section of the State Highway Commission. 6' of sand & gravel was found under 29' of overburden. This site may warrant further investigation in bottom of stream.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 30-62
DATE September, 1964

MATERIAL Sand & Gravel
COUNTY Sherman

LOCATION SE1 NE1 SE1 Sec. 18 Twp. 8S Range 37W

OWNER A. J. Hill
2772 So. Meade, Denver, 19, Colorado

TENANT

NATURE OF DEPOSIT Dry
ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Depth of Hole</th>
<th>Depth of Kevel</th>
<th>Depth of Bottom</th>
<th>Percent</th>
<th>Percent</th>
<th>Percent</th>
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CORRELATION DATA

GEOLOGICAL AGE Pliocene
GEOLOGICAL SOURCE Ogallala Pa

MATERIAL SIMILAR TO

REMARKS: One hole was drilled on this site by the Geology Section of the State Highway Commission. 25' of sand & gravel was found under 5' of overburden. This site may merit further investigation.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 50-63
DATE September, 1954

MATERIAL: Sand & Gravel
COUNTY: Sherman

LOCATION: SW1, NE1, SE1, Sec. 34, TWP. 78 S, RANGE 39W

OWNER: Melvin Peters
Edison, Kansas

TELEPHONE

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site, not sampled

EXPLORATION DATA

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<th>Material at Bottom of Hole</th>
<th>Depth of Overburden</th>
<th>Depth at Bottom</th>
<th>Percent Gravel</th>
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<th>10</th>
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</table>

CORRELATION DATA

GEOLOGICAL AGE: Eocene
GEOLOGICAL SOURCE: Opalala Ph.

MATERIAL SIMILAR TO

REMARKS: One hole was drilled on this site by the Geology Section of the State Highway Commission. 32' of sand & gravel was found under 21' of overburden. This site may merit further investigation.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO.  SO-64

DATE  September, 1964

MATERIAL  Sand & Gravel

COUNTY  Sherman

LOCATION  NW  1/4  SEC.  7  TWP.  88  RANGE  38W

OWNER  Fernell E. Houghton

ADDRESS  50 Chestnut St., Lynnfield Center, Mass.

TENANT

NATURE OF DEPOSIT  Dry

ACCESSIBILITY  Good

STATUS OF SITE  Prospective 9/16; not sampled

### EXPLORATION DATA

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<tr>
<th>Depth of</th>
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<th>Percent Silted</th>
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<td>Depth of</td>
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<td>Bedrock</td>
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### CORRELATION DATA

GEOLOGICAL AGE  Pliocene

GEOLOGICAL SOURCE  Ogallala Fm.

MATERIAL SIMILAR TO

REMARKS:  One hole was drilled at this site by the Geology Section of the State Highway Commission.  32' of sand & gravel was found under 23' of overburden.  This site may merit further investigation.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 80-65
to 65

DATE September, 1964

MATERIAL Sand & Gravel

COUNTY Sherman

LOCATION Sec 1/2 Sec 3 Sec 18, Twp 95, Range 41W

OWNER Robert L Irvin

RAILWAY Kansas Railroad

TENANT

NATURE OF DEPOSIT Dry

ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Rock Name</th>
<th>Indication for Basin at Base</th>
<th>Depth of Basal Rock (Ft)</th>
<th>Depth of Gravel (Ft)</th>
<th>Material Found</th>
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CORRELATION DATA

GEOLICAL AGE Pliocene

GEOLICAL SOURCE Ogallala Fm.

MATERIAL SIMILAR TO

REMARKS: One hole was drilled on this site by the Geology Section of the State Highway Commission. 35' of sand & gravel was found under 17' of loess. One with the wad still being in sand & gravel at the bottom of the hole.
Sherman County Materials Map

Legend

**EXPLANATION OF MATERIALS SITE DESIGNATIONS**

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

- Material Type
  - SG: Sand and Gravel
  - MF: Mineral Filler
  - VA: Volcanic Ash

- Estimated Quantity
  - + indicates more than 20,000 cubic yards
  - - indicates less than 20,000 cubic yards

- Site Data Form Number

- Geologic Age and Unit

**EXPLANATION OF MAP SYMBOLS**

- **Qal**: Alluvium

- **Exposed Ogallala Formation**

- **Buried Ogallala Formation with presumed shallow cover**

**Scale**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4 Miles</th>
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</table>

Prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
EXPLANATION OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

Material Type
- SC Sand and Gravel
- MF Mineral Filler
- VA Volcanic Ash

Estimated Quantity
+ indicates more than 20,000 cubic yards
- indicates less than 20,000 cubic yards

Site Data Form Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

- Alluvium
- Exposed Ogallala Formation
- Buried Ogallala Formation with presumed shallow cover

Scale

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
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BUREAU OF PUBLIC ROADS
Sherman County Materials Map

Legend

EXPLANATION OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

Material Type

- Sand and Gravel (SG)
- Mineral Filler (MF)
- Volcanic Ash (VA)

Estimated Quantity

- + indicates more than 20,000 cubic yards
- - indicates less than 20,000 cubic yards

Site Data Form Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

- Qal: Alluvium
- Exposed Ogallala Formation
- Buried Ogallala Formation with presumed shallow cover

Scale

1 0 1 2 3 4 Miles

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BUREAU OF PUBLIC ROADS
EXPLANATION OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

Material Type
- SG Sand and Gravel
- MF Mineral Filler
- VA Volcanic Ash

Estimated Quantity
+ indicates more than 20,000 cubic yards
- indicates less than 20,000 cubic yards

Site Data Form Number
Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
To Exposed Ogallala Formation
To Buried Ogallala Formation with presumed shallow cover

Scale
1 0 1 2 3 4 Miles

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
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BUREAU OF PUBLIC ROADS
Sherman County Materials Map

Legend

EXPLANATION OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

Material Type
- Sand and Gravel (SG)
- Mineral Filler (MF)
- Volcanic Ash (VA)

Estimated Quantity
- Indicates more than 20,000 cubic yards
- Indicates less than 20,000 cubic yards

Site Data Form Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium

Exposed Ogallala Formation

Buried Ogallala Formation with presumed shallow cover

Scale

1 2 3 4 Miles

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BUREAU OF PUBLIC ROADS
EXPLANATION OF MATERIALS SITE DESIGNATIONS

- Open site; not sampled (See Appendix I)
- Prospective site; sampled (See Appendix II)
- Open site; sampled (See Appendix III)
- Prospective site; not sampled (See Appendix IV)

Material Type
- Sand and Gravel (SG)
- Mineral Filler (MF)
- Volcanic Ash (VA)

Estimated Quantity
- + indicates more than 20,000 cubic yards
- - indicates less than 20,000 cubic yards

Site Data Form Number

Geologic Age and Unit

EXPLANATION OF MAP SYMBOLS

Qal Alluvium

Exposed Ogallala Formation

Buried Ogallala Formation with presumed shallow cover

Scale

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