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.  10-63  
MATERIAL: Limestone Gravel  
LOCATION: Sec. 31  
OWNER: Melvin Gumpker  
NATURE OF DEPOSIT: Dry  

EXPLORATION DATA  

<table>
<thead>
<tr>
<th>No.</th>
<th>Material at Bottom of Pit</th>
<th>Depth of Material</th>
<th>Depth of Boulders</th>
<th>Percent Boulders</th>
<th>Percent Gravel</th>
<th>Percent Clay</th>
<th>Percent Fine Sand</th>
<th>Percent Medium Sand</th>
<th>Percent Fine Gravel</th>
<th>Percent Coarse Gravel</th>
<th>Percent Silt</th>
<th>Percent Mud</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA  

GEOLOGICAL AGE: Pliocene  
GEOLOGICAL SOURCE: High stream terrace  
MATERIAL SIMILAR TO:  

Scale: 1" = 1/16 Mile

Remarks:

- Material in site 10-1  
- It may be visually  
- Inspected in the pit bank at this location.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 12-50
DATE January, 1961

MATERIAL Limestone Gravel
COUNTY Mitchell

LOCATION W2, SE4
SE 36
TWP. 66
RANGE 76

OWNER Robert W. Theidolf
Beloit, Kansas

TENANT

NATURE OF DEPOSIT Dry
ACCESSIBILITY Fair

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test No.</th>
<th>Material at Surface</th>
<th>Depth of Material</th>
<th>Depth of Hole</th>
<th>Percent Salts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene
GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO material in site. Similar material may be visually inspected in the pit bank at this location.

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 06-61 DATE January, 1961
MATERIAL Limestone Gravel COUNTY Mitchell
LOCATION SW1/4 NW1/4 SEC. 10 TWP. 78 RANGE 73
OWNER Wayne G. Culp c/o Price Culp Halloft, Kansas
TENANT
NATURE OF DEPOSIT Very ACCESSIBILITY Good
STATUS OF SITE Prospective site not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material</th>
<th>Depth of</th>
<th>Depth</th>
<th>Percent</th>
<th>density</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>1/4</td>
<td>1/4</td>
<td>1/4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene GLOSSARY SOURCE High stream terrace
MATERIAL SIMILAR TO Material in site 06-61

REMARKS: 

Legend:

Scal=1" = 1/16 Mile

[Diagram showing a site plan with labeled features such as "Crop Land", "House", "Fence", and "County Road".]
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-62
DATE January, 1964

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: SW 1/4, SE 1/4
SEC. 13
TWP. 9S
RANGE 78

OWNER: Alva Rhodes McElmide

TENANT:

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Prospective, not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test point</th>
<th>Material at bottom</th>
<th>Depth of deposit</th>
<th>Depth $^a$ in ft</th>
<th>v</th>
<th>% 4</th>
<th>% 8</th>
<th>% 10</th>
<th>% 30</th>
<th>% 100</th>
<th>Total GFC $^b$</th>
</tr>
</thead>
</table>

CORRELATION DATA

GEOLOGICAL AGE: Pleistocene
GEOLOGICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO material in site 10-61. It may be visually inspected in the pit banks at this location.

REMARKS:

Scale: 1" = 1/16 Mile

4 Sec. Line
Aqua

Shelter belt

Cultivated Field
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. QEI

DATE January, 1961

MATERIAL Limestone Gravel

LOCATION SR 1, SW 1, Sec. 11, Twp. 5S, Range 9W

COUNTY Mitchell

OWNER Sec. 11 George E. Jordan Deloit, Kansas

Sec. 12 Harold Jordan Deloit, Kansas

NATURE OF DEPOSIT Dry

ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLANATION OF DATA

<table>
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<tr>
<th>Test Sample</th>
<th>Depth of Material</th>
<th>Depth of Bedrock</th>
<th>Permeability</th>
<th>Density</th>
<th>UCS</th>
<th>PI</th>
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</thead>
</table>

CORRELATION DATA

GEOLOGICAL AGE: Pleistocene
GEOLOGICAL SOURCE: High stream terrace
MATERIAL SIMILAR TO: material exposed in road cut here along the north side of Section 12, T05 S, R09 W. It may be visually inspected at this location.

REMARKS: 

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-65

DATE January, 1961

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: Sec. 11, Twp. 58, Range 80, SW

OWNER: Louise & Hinric Thieson (Deceased) Beloit, Kansas
Joyce L. Vandler
Brookville, Kansas

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

EXPLANATION DATA

<table>
<thead>
<tr>
<th>Test Port</th>
<th>Material at Port of Test</th>
<th>Depth of Port</th>
<th>Depth of Material</th>
<th>Percent Remaining</th>
<th>10</th>
<th>15</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>90</th>
<th>100</th>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE: Pleistocene
GEOLICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO material exposed in road ditches along the north side of section 12, T9S, R80W. It may be visually inspected at this location.

REMARKS: Location.

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-68  DATE January, 1968
MATERIAL Limestone Gravel  COUNTY Mitchell
LOCATION SE 1/4  SEC. 10  TWP. 93  RANGE 7W
OWNER S.W. 1/4 Chester F. Simmons  Barnard, Kansas
Norte. OF DEPOSIT Dry  ACCESSIBILITY Good
STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Depth Sampled</th>
<th>Material Below Surface at SHM</th>
<th>Depth of Material</th>
<th>Depth of gravel</th>
<th>Percent Gravel</th>
<th>Percent Clay</th>
<th>Percent Silt</th>
<th>Percent R.</th>
<th>Percent 0.75 R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>DT 2/4</td>
<td>4</td>
<td>8</td>
<td>10</td>
<td>15</td>
<td>45</td>
<td>15</td>
<td>5</td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene  GEOLOGICAL SOURCE High stream terrace
MATERIAL SIMILAR TO

REMARKS: It is expected that this material is composed of clay, silt, and soft limestone pebbles.
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: 10-69 Qt.

DATE: January, 1964

MATERIAL: Limestone Gravel

COUNTY: Mitchell

LOCATION: NE\3, SE\1

SEC. 21

TWP. 85

RANGE SW

OWNER: Clarence & Nohl

Dezlys, Kansas

TENANT: 

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Proposed site; not sampled

EXPLORATION DATA

CORRELATION DATA

GEOLOGICAL AGE: Pleistocene

GEOLOGICAL SOURCE: Stream terrace

MATERIAL SIMILAR TO:

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-70
DATE January, 1964
MATERIAL Limestone Gravel
COUNTY Mitchell
LOCATION E 3, S 1
SEC. 35
TWP. 83
RANGE 5W
OWNER Ferdinand & Vida Witt
Glen Elder, Kansas
TENANT

ACCESSIBILITY: Good

NATURE OF DEPOSIT: Dry

STATES OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Site</th>
<th>Depth of Material</th>
<th>Depth of Roots</th>
<th>1/2</th>
<th>1/4</th>
<th>1/8</th>
<th>1</th>
<th>2</th>
<th>4</th>
<th>8</th>
<th>10</th>
<th>15</th>
<th>30</th>
<th>40</th>
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</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE: Pleistocene
GEOLOGICAL SOURCE: High stream terrace

MATERIAL: SIMILAR TO

REMARKS:

Scale: 1" = 1/10 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: 12-72
MATERIAL: Limestones Gravel
LOCATION: SW 1/4, Sec. 36, Twp. 33, Range 9W
OWNER: D. W. Freeman Trust Fund, c/o First National Bank, Topeka, Ks.
NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good
STATUS OF SITE: Prospective

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Unit</th>
<th>Initial Depth of Basal Gravel</th>
<th>Drift 6/8</th>
<th>Depth</th>
<th>Silt</th>
<th>Clay</th>
<th>Sand</th>
<th>Gravel</th>
<th>Depth</th>
<th>Bottom materials</th>
<th>L.S.</th>
<th>P.F.</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE: Pleistocene
GEOLICAL SOURCE: High stream terrace
MATERIAL SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-72-01
DATE January 1961

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: SE1, SE3
SEC: 2
TWP: 53 S
RANGE: 9W

OWNER: Waldo Var
Rental: Yes

TENANT: None

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

---

EXPLORATION DATA

| Depth of Hole | Diameter | Depth | Per cent moisture | Per cent carbon | Descriptive | Date of Hole | Depth of Water
<table>
<thead>
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</tbody>
</table>

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CORRELATION DATA

GEOLGICAL AGE: Pleistocene
GEOLGICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile

(Site map with gullies and farm sites marked)
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-74
DATE January, 1966

MATERIAL Gravels
COUNTY Mitchell
LOCATION SE 1/4, NE 1/4, SEC 32
OWNER Grace Parks

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Well No</th>
<th>Material</th>
<th>Depth of Core</th>
<th>Depth of core</th>
<th>Depth of water</th>
<th>Perforated</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-74</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLITICAL AGE Pleistocene

GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-75
QH
DATE January, 1964

MATERIAL: Limestone Gravel
COUNTY Mitchell

LOCATION: SE1, SE1
SEC. 32
TWP. 6S
RANGE 9W

OWNER: Marie Breach
2131 High St.
Topeka, Kansas

TEMMANT: Dry

NATURE OF DEPOSIT: Accessability: Good

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material at Bottom of Hole</th>
<th>Depth of Material</th>
<th>Percent Finer than</th>
<th>Percent Coarser than</th>
</tr>
</thead>
<tbody>
<tr>
<td>1L</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

COrRELATION DATA

GEOLoGICAL AGE: Pliocene

GEOLoGICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO:

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. QEI

DATE: January, 1961

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: NE1/4, NW1/4, Sec. 5, TWP. 9S, RANGE. 9W

OWNER: Donald W. Emmet

TENANT: 

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Fair

STATUS OF SITE: Prospective site; not sampled

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Material at Top of Hole</th>
<th>Depth of Hole Feet</th>
<th>Depth of Hole Meters</th>
<th>Percent Randle</th>
<th>Percent Gravel</th>
<th>Percent Fine</th>
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<tbody>
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</tr>
</tbody>
</table>

CORRELATION DATA
GEOLICAL AGE: Pleistocene
GEOLICAL SOURCE: High stream terrace
MATERIAL: SIMILAR TO

REMARKS: 

Scaler: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-79 B45
DATE January 1261

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: SW 1/4, SE 1/4
SEC. 7
TWP. 22
RANGE 9W

OWNER: Eugene Brown, Sr. c/o Tresse Brown
Redline, Kansas

RECOVERED

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATES OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test</th>
<th>Material</th>
<th>Depth of Material</th>
<th>Depth of Strata</th>
<th>Percent Rock</th>
<th>Percent Gravel</th>
<th>Total</th>
<th>Per Cent.</th>
<th>8</th>
<th>16</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE: Pleistocene
GEOLICAL SOURCE: High stream terrace

MATERIAL: SIMILAR TO

REMARKS:


Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

SITE NO. 90-01

DATE: January 1960

MATERIAL: Limestone gravel

COUNTY: Mitchell

LOCATION: NW 3, SW 1

SEC.: 1

TWP.: 9S

RANGE: 9W

OWNER: Cornelius Fuller

Address:

BALLOT, KANSAS

TENANT: 

ACCESSIBILITY: Pair

NATURE OF DEPOSIT: New

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

| Test | Depth of Material | Depth of Granite | Depth of Basal| Estimation | Depth of Material | Depth of Granite | Depth of Basal | Estimation | Depth of Material | Depth of Granite | Depth of Basal | Estimation | Depth of Material | Depth of Granite | Depth of Basal | Estimation |
|------|------------------|-----------------|-------------|------------|----------------|-----------------|-------------|------------|------------|----------------|----------------|-------------|------------|----------------|----------------|-------------|------------|
| 126  |                  |                 |             |            |                |                 |             |            |            |                |                 |             |            |                |                 |             |            |

CORRELATION DATA

GEOLICAL AGE: Pleistocene

GEOLICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO:

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-51 DATE January, 1961
MATERIAL Limestone Gravel COUNTY Mitchell
LOCATION NW 1/4, NE 1/4 SEC. 31 TWP. 26 RANGE 10W
OWNER Lillian Cecil Wiser ADDRESS Beloit, Kansas
TELEPHONE

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</th>
<th>Depth of</th>
<th>Depth of</th>
<th>Percent Passed</th>
<th>Moist.</th>
<th>A.I.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Bottom</td>
<td>Top</td>
<td>Material</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene GEOLICAL SOURCE: High stream terrace
MATERIAL SIMILAR TO: material in site 10-27. It can be visually inspected in the pit bank at this site.

REMARKS:

__________________________________________

__________________________________________

__________________________________________

SCALE: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

DATE: January, 1944

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: N41°, R45° SEC. 29 TWP 9S RANGE 10W

OWNER: Maudie M. Jordan, c/o Harold Jordan, Beloit, Kansas

NATURE OF DEPOSIT: Day Accessibility: Good

STATUS OF SITE: Prospective site not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Site</th>
<th>Material</th>
<th>Depth of Material below Grade</th>
<th>Depth of Material below Grade</th>
<th>Percent Remaining</th>
<th>Best Depth</th>
<th>Pl.</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

CORRELATION DATA

GEOLOGICAL AGE: Pleistocene
GEOLOGICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-83
DATE January, 1964

MATERIAL Limestone Gravel
COUNTY Mitchell

LOCATION SW¼, SE¼ Sec. 29 TWP. 8S RANGE 9W

OWNER Henry Bohart
TIGER, Kansas

TELLER
NATURE OF DEPOSITS
DRY
ACCESSIBILITY
Good

STATUS OF SITE Prospective site, not sampled

<table>
<thead>
<tr>
<th>Exp. No.</th>
<th>Material of Bottom at Site</th>
<th>Depth of Overburden</th>
<th>Depth of Mine</th>
<th>Percent Recovered</th>
<th>Source</th>
<th>L.L. &amp; F.I.</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
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</tr>
</tbody>
</table>

CORRELATION DATA

GEOLICAL AGE Pleistocene
GEOLICAL SOURCE High stream terrace

MATERIAL SIMILAR TO

REMAYS:

NORTH OR SOUTH:

Scale: 1" = 1/2 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: 10-05
DATE: January, 1964

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: N1/2, NE1/4
SEC: 28
TWP: 86
RANGE: LOW

OWNER: Leo Corpstein

TENANT: None

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

**EXPLORATION DATA**

<table>
<thead>
<tr>
<th>Test Item</th>
<th>Material of Surface of Site</th>
<th>Depth of Gravel</th>
<th>Depth of Limestone</th>
<th>Percent Gravel</th>
<th>Percent Limestone</th>
</tr>
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<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**CORRELATION DATA**

GEOLICAL AGE: Pleistocene
GEOLOGICAL SOURCE: High stream terrace
MATERIAL SIMILAR TO: __________

REMARKS: __________
__________
__________

Scale: 1" = 7/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-86-10
DATE January 1961

MATERIAL Limestone Gravel
COUNTY Mitchell

LOCATION SW3, SE1, Tp 8 S, Rg 31 W
SEC 8

OWNER Monica Hollerich

TENANT

NATURE OF DEPOSIT Dry
ACCESSIBILITY Good

STATUS OF SITE Prospective site, not sampled.

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Percent Related</th>
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<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
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<tr>
<td>Basalt</td>
<td></td>
<td>0</td>
<td>5</td>
<td>10</td>
<td>15</td>
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CORRELATION DATA

GEOLOGICAL AGE Pleistocene
GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO

REMARKS

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: 10-87  DATE: January, 1964

MATERIAL: Limestone Gravel  COUNTY: Mitchell

LOCATION: NW 1/4  NE 1/4  SEC. 17  TWP. 8S  RANGE 10W

OWNER: Ralph & Richard Schmitt  ADDRESS: Tipton, Kansas

TENANT:  ADDRESS:

NATURE OF DEPOSIT: M.T.:  ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test</th>
<th>Feet</th>
<th>Number of Test</th>
<th>Depth of Materia/</th>
<th>Depth of Water</th>
<th>15%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
<th>70%</th>
<th>80%</th>
<th>90%</th>
<th>100%</th>
</tr>
</thead>
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CORRELATION DATA

GEOLICAL AGE: Pleistocene  GEOLOGICAL SOURCE: High stream terrace

MATERIAL: SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 074

DATE January, 1964

MATERIAL Limestone Gravel

COUNTY Mitchell

LOCATION N 29° 16' 17" W 98° 14' 19"

T 10 S R 10 E SEC. 10

OWNER Charles J. Spidal

Address Glen Elder, Kansas

TENANT None

NATURE OF DEPOSIT Dry

ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Hole</th>
<th>Average of Tests at site</th>
<th>Depth of Drilling</th>
<th>Depth of Holes</th>
<th>Percent Ration</th>
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<tbody>
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<td></td>
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<td>1/8</td>
<td>3/4</td>
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<td></td>
<td></td>
<td>1/8</td>
<td>3/4</td>
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</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene

GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO material in site "Q". It may be visually inspected in the pit bank at this location.

REMARKS:

[Diagram with labels: Pond, Road, Gully, Terrace, SW1/4, SE1/4, Sec. 3, TBS, R10]

Scale: 1" = 2/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

SITE NO. 10-59 QTR 1
DATE January, 1959
MATERIAL Limestone Gravel
COUNTY Mitchell
LOCATION NW1/4, NW1/4, SEC. 7, TWP. 8S, RANGE 9W
OWNER Joseph Krier
TEMPORARY ADDRESS:
NATURAL ACCESSIBILITY Good
STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test No.</th>
<th>Depth of Material</th>
<th>Depth of Material</th>
<th>Percent Material</th>
<th>Width</th>
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</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene | GEOLOGICAL SOURCE High stream terrace
MATERIAL SIMILAR TO

REMARKS: ____________________________

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-90
DATE January, 1964

MATERIAL: Limestone Gravel
COUNTY: Mitchell

LOCATION: SE 1/4, NW 1/4 SEC. 28 TWP. 7S RANGE 8W

OWNER: Eva J. Mears
Address: Beloit, Kansas

TENANT: 

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

### EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test孔号</th>
<th>Material of Surface</th>
<th>Depth of Material</th>
<th>Depth of Material</th>
<th>Percent Reline</th>
<th>8</th>
<th>10</th>
<th>16</th>
<th>30</th>
<th>60</th>
<th>90</th>
<th>100</th>
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</table>

### CORRELATION DATA

GEOLICAL AGE: Pleistocene
GEOLICAL SOURCE: High stream terrace

MATERIAL SIMILAR TO

REMARKS:

---

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT
SITE #: 3E+9
DATE: January, 196-
MATERIAL: Sand and Gravel
COUNTY: Mitchell
LOCATION: SE2, SE1
SEC: 18
TWP: 7S
RANGE: 1W
OWNER: K.A. Laverty
TENANT:
NATURE OF DEPOSIT: Nat.
ACCESSIBILITY: Fair
STATUS OF SITE: Propective site, not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Data</th>
<th>Material at Bottom of Hole</th>
<th>Depth of Core</th>
<th>Depth of Material</th>
<th>Percent Rejected</th>
<th>Depth of Hole</th>
<th>Percent Rejected</th>
<th>L.L.P.I.</th>
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</table>

CORRELATION DATA

GEOLOGICAL AGE: Recent
GEOLOGICAL SOURCE: River Flood Plain
MATERIAL SIMILAR TO: Material in site 5E+50

REMARKS:

Scaler: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-92

DATE January, 1961

MATERIAL Limestone Gravel

COUNTY Mitchell

LOCATION SW1/4, SE1/4, SEC. 16, TWP. 6S, RANGE 7W

OWNER NE1/4, SW1/4, Noel Kadel, Beloit, Kansas

NE1/4, SW1/4, John Patrick Hensberg, Beloit, Kansas

NATURE OF DEPOSIT Dry

ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Material by Definition</th>
<th>Depth of Deposit</th>
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<table>
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<th>1/2</th>
<th>3/4</th>
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<th>2</th>
<th>4</th>
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CORRELATION DATA

GEOLOGICAL AGE Pleistocene

GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO MATERIAL IN SITE 10-1. It may be visually inspected at this site.

REMARKS:


Scales: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 10-93-441  DATE January, 1964

MATERIAL Limestone Gravel  COUNTY Mitchell

LOCATION NW2, NE1  SEC. 9  TWP. 68  RANGE 9W

OWNER Dwight & Evelyn Timbee  Glen Elder, Kansas

TENANT

NATURE OF DEPOSIT Dry  ACCESSIBILITY Good

STATUS OF SITE Prospective site, not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test (m)</th>
<th>Depth of Boring</th>
<th>Depth of Drilling</th>
<th>Percent Related</th>
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<tr>
<td>0</td>
<td>10</td>
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<td>30</td>
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</table>

CORRELATION DATA

GEOLOGICAL AGE Pleistocene
GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO MATERIAL in site 441. It may be visually inspected in the pit banks at this location.

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 665 DATE January, 1966

MATERIAL: Limestone Gravel COUNTY: Mitchell

LOCATION: NE 1/4 SEC. 25 TWP. 7S RANGE. 68

OWNER: Harold Groverweller

TENANT: Selling

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

| Test hole | Material at top | Depth of Material | Depth of Waterline | Percent Fines | % 0 | % 1 | % 2 | % 3 | % 4 | % 5 | % 10 | % 15 | % 20 | % 30 | % 40 | % 50 | % 60 | % 70 | % 80 | % 90 | % 100 | % P |
|-----------|----------------|------------------|-------------------|--------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|

CORRELATION DATA

GEOLOGICAL AGE: Pleistocene

GEOL. SOURCE: High stream terrace

MATERIAL SIMILAR TO: material in site 10-94. It may be visually inspected in the pit banks at this location.

REMARKS:

Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 16-90-9
DATE January, 1964

MATERIAL Limestone Gravel
COUNTY Mitchell

LOCATION SE1, NE2 SEC. 25 TWP. 78 RANGE 5W

OWNER Harold F. Beiter
Address Beloit, Kansas

TENANT

NATURE OF DEPOSIT Dry
ACCESSIBILITY Good

STATUS OF SITE Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
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<th>Test Hole</th>
<th>Material at Surface</th>
<th>Depth of Material</th>
<th>Depth of Rock</th>
<th>Percent Rock</th>
<th>Depth of Soil</th>
<th>Depth of Sediment</th>
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CORRELATION DATA

GEOLOGICAL AGE Pleistocene
GEOLOGICAL SOURCE High stream terrace

MATERIAL SIMILAR TO material in site 16-90-9. It may be visually inspected in the pit bank at this location.

REMARKS


Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO: MP+96  QF
DATE: January, 1964

MATERIAL: Mineral Fillers
COUNTY: Mitchell

LOCATION: SW1, SW1
SEC.: 5
TWP.: 7S
RANGE: 6W

OWNER: Paul and Helen Moore
Beloit, Kansas

TENURE:

NATURE OF DEPOSIT: Dry
ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
<thead>
<tr>
<th>Test</th>
<th>Material at Bottom of Hole</th>
<th>Depth of Core Penetration</th>
<th>Depth of Core Penetration of Reference</th>
<th>Percent Reciprocated</th>
<th>Total Core</th>
<th>Mill</th>
<th>LL</th>
<th>PI</th>
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</table>

CORRELATION DATA

GEOLOGICAL: AGE: Pleistocene
GEOLOGICAL SOURCE: River terrace

MATERIAL SIMILAR TO

REMARKS:

<table>
<thead>
<tr>
<th>Remarks</th>
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Scale: 1" = 1/16 Mile
STATE HIGHWAY COMMISSION OF KANSAS
MATERIAL SURVEY REPORT

SITE NO. 2057

DATE January, 1964

MATERIAL: Mineral Piller

COUNTY: Mitchell

LOCATION: NW 1, NW 1

SEC.: 10

TWP.: 75

RANGE: 8W

OWNER: Roy A. Fohes

Beloit, Kansas

TENANT: None

NATURE OF DEPOSIT: Dry

ACCESSIBILITY: Good

STATUS OF SITE: Prospective site; not sampled

EXPLORATION DATA

<table>
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<tr>
<th>Test No.</th>
<th>Number of Bottle of Water</th>
<th>Depth of Water</th>
<th>Depth of Sand</th>
<th>Percent Rock</th>
<th>Percent Soil</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
<th>PE</th>
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CORRELATION DATA

GEOLOGICAL AGE: Pleistocene

GEOLOGICAL SOURCE: River terrace

MATERIAL SIMILAR TO

REMARKS:

Scale: 1" = 1/16 Mile
MITCHELL COUNTY MATERIALS MAP

LEGEND

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

S  - Sand
SG  - Sand & Gravel
LS  - Limestone
LG  - Limestone Gravel
MF  - Mineral Filler

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

Qa1 Alluvium
Qtv Wisconsinan Terrace Deposits
Qti Cretaceous Formation
Knf Fort Hays Limestone Member
Niobrara Formation
Kgh Greenhorn Limestone Formation

Scale - 1 0 1 2 3 4 Mi.

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
MITCHELL COUNTY MATERIALS MAP

LEGEND

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

S - Sand
SG - Sand & Gravel
LS - Limestone
LG - Limestone Gravel
MF - Mineral Filler

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
Qtw Wisconsin Terrace Deposits
Qti Crete Formation

Knh Fort Hays Limestone Member Niobrara Formation
Kgh Greenhorn Limestone Formation

Scale - 1 0 1 2 3 4 Mi.

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
MITCHELL COUNTY MATERIALS MAP

LEGEND

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

- S - Sand
- SG - Sand & Gravel
- LS - Limestone
- LG - Limestone Gravel
- MP - Mineral Filler

LS-34
Kgh

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

Qal Alluvium

Qtw Wisconsinan Terrace Deposits

Qti Crete Formation

Knf Fort Hays Limestone Member
Niobrara Formation

Kgh Greenhorn Limestone Formation

Scale

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
MITCHELL COUNTY MATERIALS MAP

LEGEND

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

- Qal Alluvium
- Qtw Wisconsinan Terrace Deposits
- Qtt Crete Formation
- Knh Fort Hays Limestone Member Niobrara Formation
- Kgh Greenhorn Limestone Formation

Scale -

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
MITCHELL COUNTY MATERIALS MAP

LEGEND

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

- Qal Alluvium
- Qtw Wisconsinan Terrace Deposits
- Qti Crete Formation
- Knf Fort Hays Limestone Member Niobrara Formation
- Kgh Greenhorn Limestone Formation

S - Sand
SG - Sand & Gravel
LS - Limestone
LG - Limestone Gravel
MF - Mineral Filler

Scale -

prepared by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
MITCHELL COUNTY MATERIALS MAP

EXPLANATION OF MATERIALS SITE DESIGNATIONS

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

Material Type

S - Sand
SG - Sand & Gravel
LS - Limestone
LG - Limestone Gravel
MF - Mineral Filler

Estimated Quantity

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

Site Data Sheet Number

Geologic Age or Formation

EXPLANATION OF MAP SYMBOLS

Qal Alluvium
Qtw Wisconsinan Terrace Deposits
Qti Crete Formation
KnH Fort Hays Limestone Member Niobrara Formation
Kgh Greenhorn Limestone Formation

Scale -

produced by the
STATE HIGHWAY COMMISSION OF KANSAS
in cooperation with the
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS