JOHNSON COUNTY MATERIALS MAPS

On the following pages are six materials maps covering Johnson County as shown below.

Note: The individual site data forms follow Plate VI.
LEgend

site Designations

- Open materials sites; sampled Page 40
- Open materials sites; not sampled Page 64
- Prospective materials sites; not sampled Page 90

Material Type

- **S** - Sand
- **SG** - Sand and Gravel
- **LS** - Limestone

Estimated Quantity

- **SG+1/Qal**
  - Indicates more than 20,000 cubic yards
  - Indicates less than 20,000 cubic yards

Reference to site number on following data forms

Geologic Age and Unit

GEOLOGY

- **Qal** - Alluvium
- **Gdl** - Glacial Drift

Diagram of geological formations:

- Lawrence Formation
- Stanton Limestone Formation
- Platteburg Limestone Formation
- Wyandotte Limestone Formation
- Iola Limestone Formation
- Chanute Shale Formation
- Drum Limestone Formation
- Cherryvale Shale Formation
- Dennis Limestone Formation
- Swope Limestone Formation
LEGEND

SITE DESIGNATIONS

- Open materials sites; sampled
- Open materials sites; not sampled
- Prospective materials sites; not sampled

Material Type

- S - Sand
- SG - Sand and Gravel
- LS - Limestone

Estimated Quantity

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

Reference to site number on following data forms

Geologic Age and Unit

GEOLOGY

- Qal - Alluvium
- Gdr - Glacial Drift

Diagram of geologic formations:
- Lawrence Formation
- Stanton Limestone Formation
- Platteburg Limestone Formation
- Wyandotte Limestone Formation
- Iola Limestone Formation
- Chanute Shale Formation
- Drum Limestone Formation
- Cherryvale Shale Formation
- Dennis Limestone Formation
- Swope Limestone Formation
LEGEND
SITE DESIGNATIONS

- Open materials sites; sampled  Page 40
- Open materials sites; not sampled  Page 64
- Prospective materials sites; not sampled  Page 90

Material Type

- S  - Sand
- SG  - Sand and Gravel
- LS  - Limestone

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

Reference to site number on following data forms

Geologic Age and Unit

GEOLOGY

- Qal  Alluvium
- Qgl  Glacial Drift

Stratigraphic column with formations:
- Lawrence Formation
- Stanton Limestone Formation
- Platteburg Limestone Formation
- Wyandotte Limestone Formation
- Iola Limestone Formation
- Chanute Shale Formation
- Drum Limestone Formation
- Cherryvale Shale Formation
- Dennis Limestone Formation
- Swope Limestone Formation
LEGEND

SITE DESIGNATIONS

- Open materials sites; sampled  
Page 40
- Open materials sites; not sampled  
Page 64
- Prospective materials sites; not sampled  
Page 90

Material Type

- S  Sand
- SG  Sand and Gravel
- LS  Limestone

Estimated Quantity

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

SG+1 Qal

Reference to site number on following data forms

Geologic Age and Unit

GEOLOGY

Qal  Alluvium

Glacial Drift

Lawrence Formation

Stanton Limestone Formation

Platteburg Limestone Formation

Wyandotte Limestone Formation

Iola Limestone Formation

Chanute Shale Formation

Drum Limestone Formation

Cherryvale Shale Formation

Dennis Limestone Formation

Swope Limestone Formation
LEGEND

SITE DESIGNATIONS

- Open materials sites; sampled
- Open materials sites; not sampled
- Prospective materials sites; not sampled

Material Type

- S - Sand
- SG - Sand and Gravel
- LS - Limestone

Estimated Quantity

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

Reference to site number on following data forms

Geologic Age and Unit

GEOLOGY

- Qal - Alluvium
- Qgl - Glacial Drift

Geologic Column:

- Lawrence Formation
- Stanton Limestone Formation
- Platteburg Limestone Formation
- Wyandotte Limestone Formation

- Iola Limestone Formation
- Chanute Shale Formation
- Drum Limestone Formation
- Cherryvale Shale Formation
- Dennis Limestone Formation
- Swope Limestone Formation
**LEGEND**

**SITE DESIGNATIONS**

- Open materials sites; sampled  
  Page 40
- Open materials sites; not sampled  
  Page 64
- Prospective materials sites; not sampled  
  Page 90

- Material Type
  - S  - Sand
  - SG  - Sand and Gravel
  - LS  - Limestone

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

- Reference to site number on following data forms

- Geologic Age and Unit

**GEOLOGY**

- Qal  - Alluvium
- Qel  - Glacial Drift

- Lawrence Formation
- Stanton Limestone Formation
- Platteburg Limestone Formation
- Wyandotte Limestone Formation

- Iola Limestone Formation
- Chanute Shale Formation
- Drum Limestone Formation
- Cherryvale Shale Formation
- Dennis Limestone Formation
- Swope Limestone Formation