COWLEY COUNTY MATERIALS MAP INDEX

On the following pages are the twelve plates covering Cowley County as shown below.

Note: The individual site data forms follow plate XII.
LEGEND
MATERIALS SITE DESIGNATIONS

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
- Prospective Materials Sites; Sampled
- Prospective Materials Sites; Not Sampled

Material Type
LS+1
Pwc

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

Reference to site number of following data forms
Geological Age and Unit

CG Chert Gravel
SG Sand Gravel
LS Limestone

GEOLOGY

Alluvium
Gal
Barninston Fm.
Pb

Dune Sand
Dm
Wreford Ls. Fm.
Pv

Wisconsinan Terrace
Qtw
Red Eagle Ls. Fm.
Pr

Winfield Ls. Fm.
Pw

Geologic Unit Exposed
Geologic Unit Not Exposed

MILES

KILOMETERS
LEGEND
MATERIALS SITE DESIGNATIONS

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
- Prospective Materials Sites; Sampled
- Prospective Materials Sites; Not Sampled

Material Type

Estimated Quantity

\[ \frac{LS+1}{Pwc} \]

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

Reference to site number of following data forms
Geological Age and Unit

CG Chert Gravel
SG Sand Gravel
LS Limestone

GEOLOGY

Alluvium
Gal
Barneston Fm.
Pb

Dune Sand
Jae
Wreford Ls. Fm.
Pv

Wisconsinan Terrace
Gtw
Red Eagle Ls. Fm.
Pr

Winfield Ls. Fm.
Pwc

Geologic Unit Exposed
Geologic Unit Not Exposed

MILES
1 2 3 4

KILMETERS
1 2 3 4 5
LEGEND
MATERIALS SITE DESIGNATIONS

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
- Prospective Materials Sites; Sampled
- Prospective Materials Sites; Not Sampled

Material Type

Estimated Quantity

+ indicates more than 20,000 cubic yards
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Reference to site number of following data forms
Geological Age and Unit

CG Chert Gravel
SG Sand Gravel
LS Limestone

GEOLOGY

Alluvium

Barneston Fm.

Dune Sand

Wreford Ls. Fm.

Wisconsinan Terrace

Red Eagle Ls. Fm.

Winfield Ls. Fm.

Geologic Unit Exposed
Geologic Unit Not Exposed

MILES
KILOMETERS
LEGEND
MATERIALS SITE DESIGNATIONS

- Open Materials Sites; Sampled
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SG Sand Gravel
LS Limestone

GEOLOGY

Alluvium

Dune Sand

Wisconsinan Terrace

Winfield Ls. Fm.

Barneston Fm.

Wreford Ls. Fm.

Red Eagle Ls. Fm.

Geologic Unit Exposed
Geologic Unit Not Exposed

MILES

1  0  1  2  3  4

KILOMETERS

1  0  1  2  3  4  5
**LEGEND**

**MATERIALS SITE DESIGNATIONS**

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
- Prospective Materials Sites; Sampled
- Prospective Materials Sites; Not Sampled

Material Type

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

Reference to site number of following data forms
Geological Age and Unit

**GEOLOGY**

- Alluvium
- Dune Sand
- Wisconsinan Terrace
- Winfield Ls. Fm.

- Gal
- Jw
- Qtw
- Pb
- Wreford Ls. Fm.
- Red Eagle Ls. Fm.

- CG Chert Gravel
- SG Sand Gravel
- LS Limestone

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**MILES**

1 0 1 2 3 4

---

**KILMETERS**

1 0 1 2 3 4 5
**LEGEND**

**MATERIALS SITE DESIGNATIONS**

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
- Prospective Materials Sites; Sampled
- Prospective Materials Sites; Not Sampled

**Material Type**

- Estimated Quantity
  - LS+1
  - Pwc
  - CG Chert Gravel
  - SG Sand Gravel
  - LS Limestone

- Reference to site number of following data forms
- Geological Age and Unit

**GEOLOGY**

- Alluvium
- Dune Sand
- Wisconsinan Terrace
- Barneston Fm.
- Wreford Ls. Fm.
- Red Eagle Ls. Fm.
- Winfield Ls. Fm.

---

**MILES**

```plaintext
1  0  1  2  3  4
```

---

**KILOMETERS**

```plaintext
1  0  1  2  3  4  5
```
LEGEND
MATERIALS SITE DESIGNATIONS

- Open Materials Sites; Sampled
- Open Materials Sites; Not Sampled
△ Prospective Materials Sites; Sampled
○ Prospective Materials Sites; Not Sampled

Material Type

\[ \text{LS} + 1 \]
\[ \text{Pwc} \]

Estimated Quantity

+ indicates more than 20,000 cubic yards
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Reference to site number of following data forms
Geological Age and Unit

CG Chert Gravel
SG Sand Gravel
LS Limestone

GEOLOGY

Alluvium

Geological Age and Unit

Barneston Fm.

Dune Sand

Wreford Ls. Fm.

Wisconsinan Terrace

Red Eagle Ls. Fm.

Winfield Ls. Fm.

Geologic Unit Exposed
Geologic Unit Not Exposed

MILES

KILOMETERS