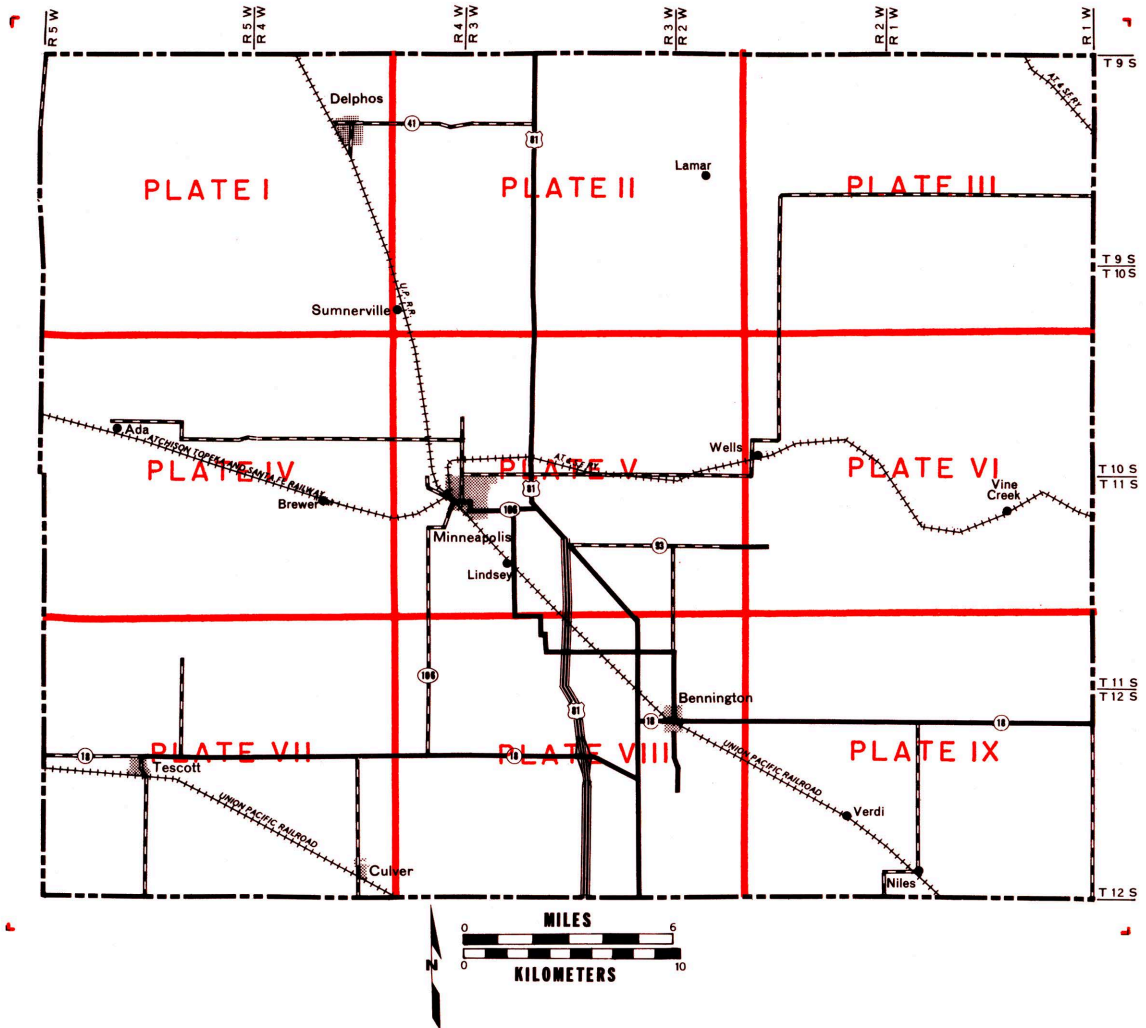


# OTTAWA COUNTY MATERIALS MAP INDEX

On the following pages are the nine plates covering Ottawa County as shown below.

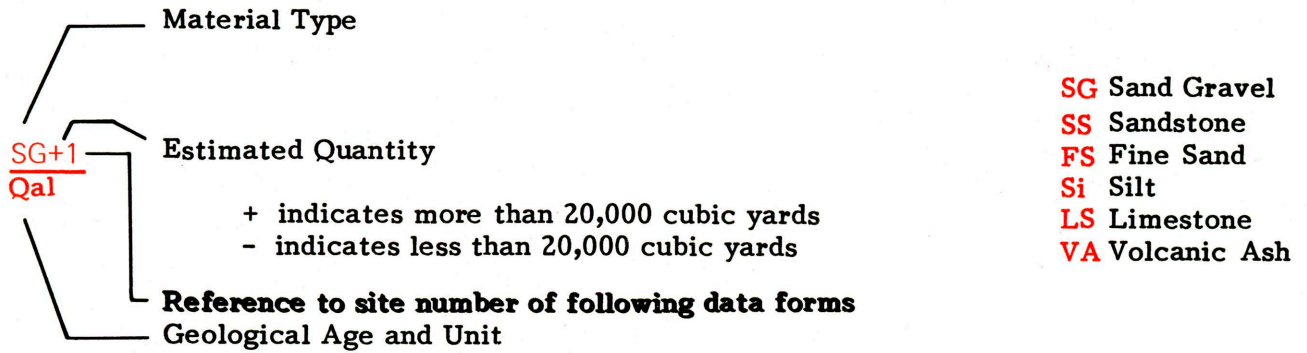


Note: The individual site data forms follow plate IX.

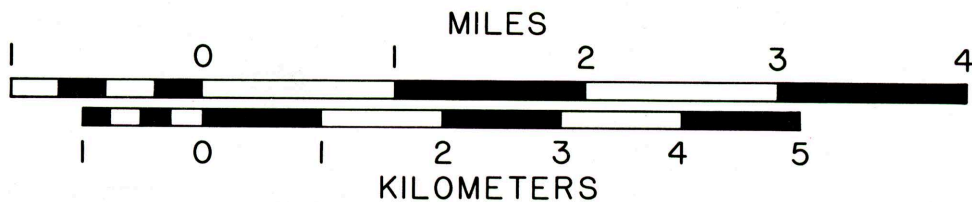
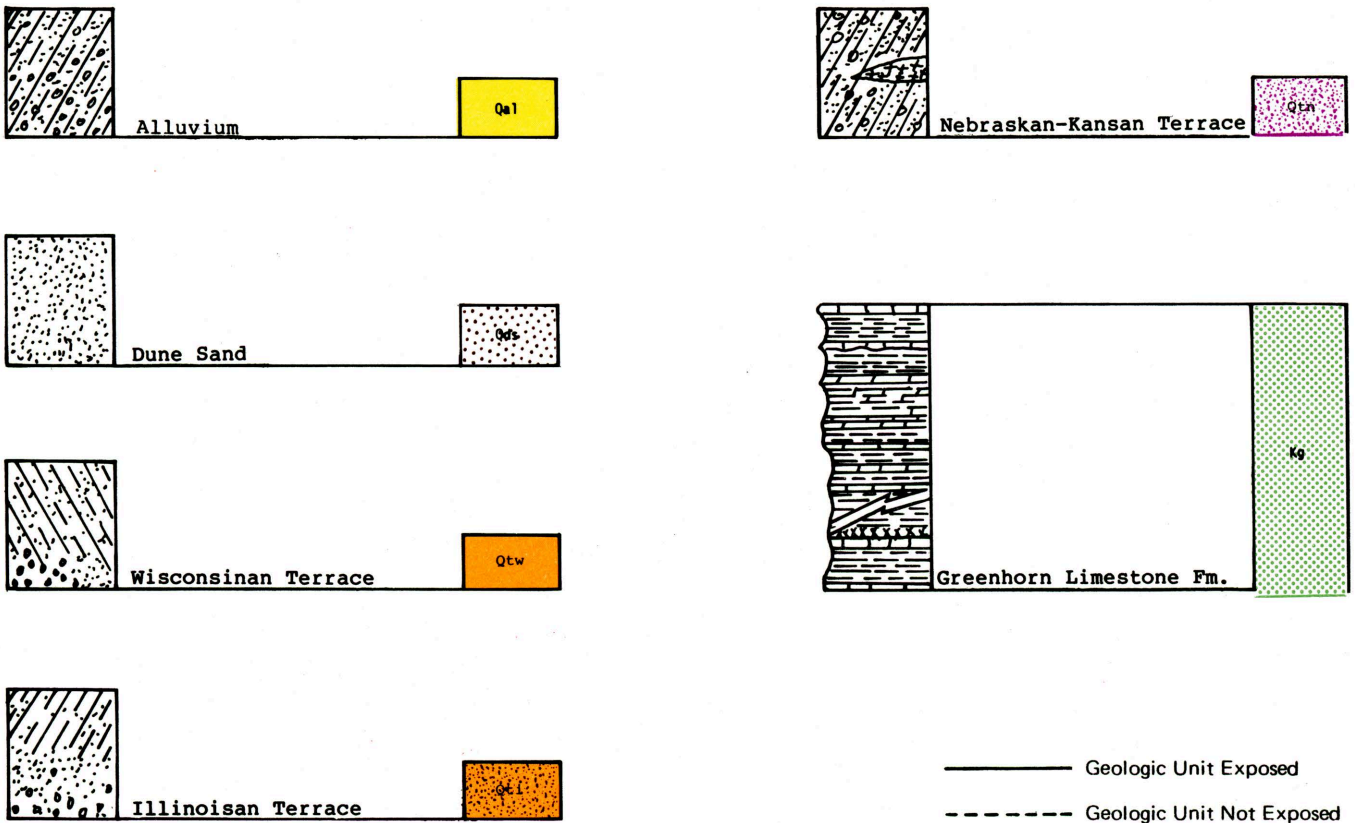
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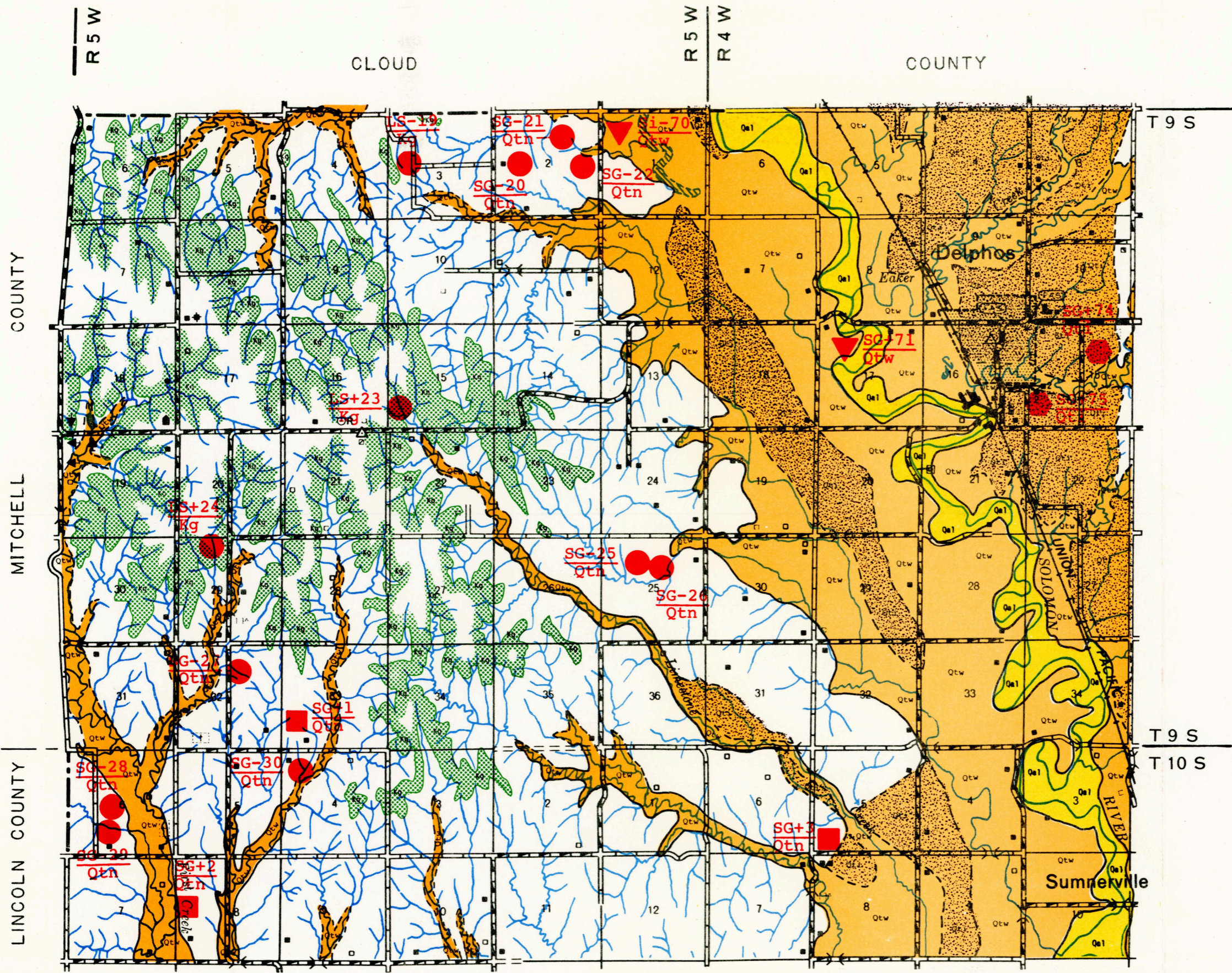
## MATERIALS SITE DESIGNATIONS

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- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110



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- Open Materials Sites; Not Sampled Page 50
- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110

**Material Type**

**Estimated Quantity**

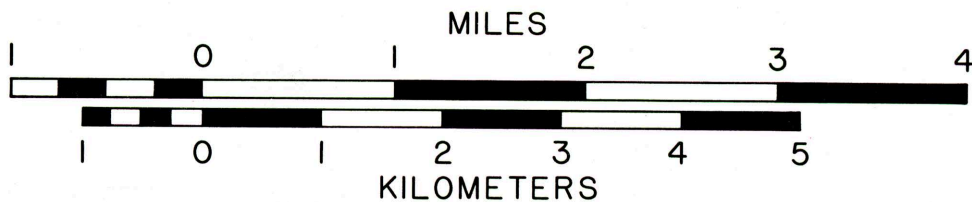
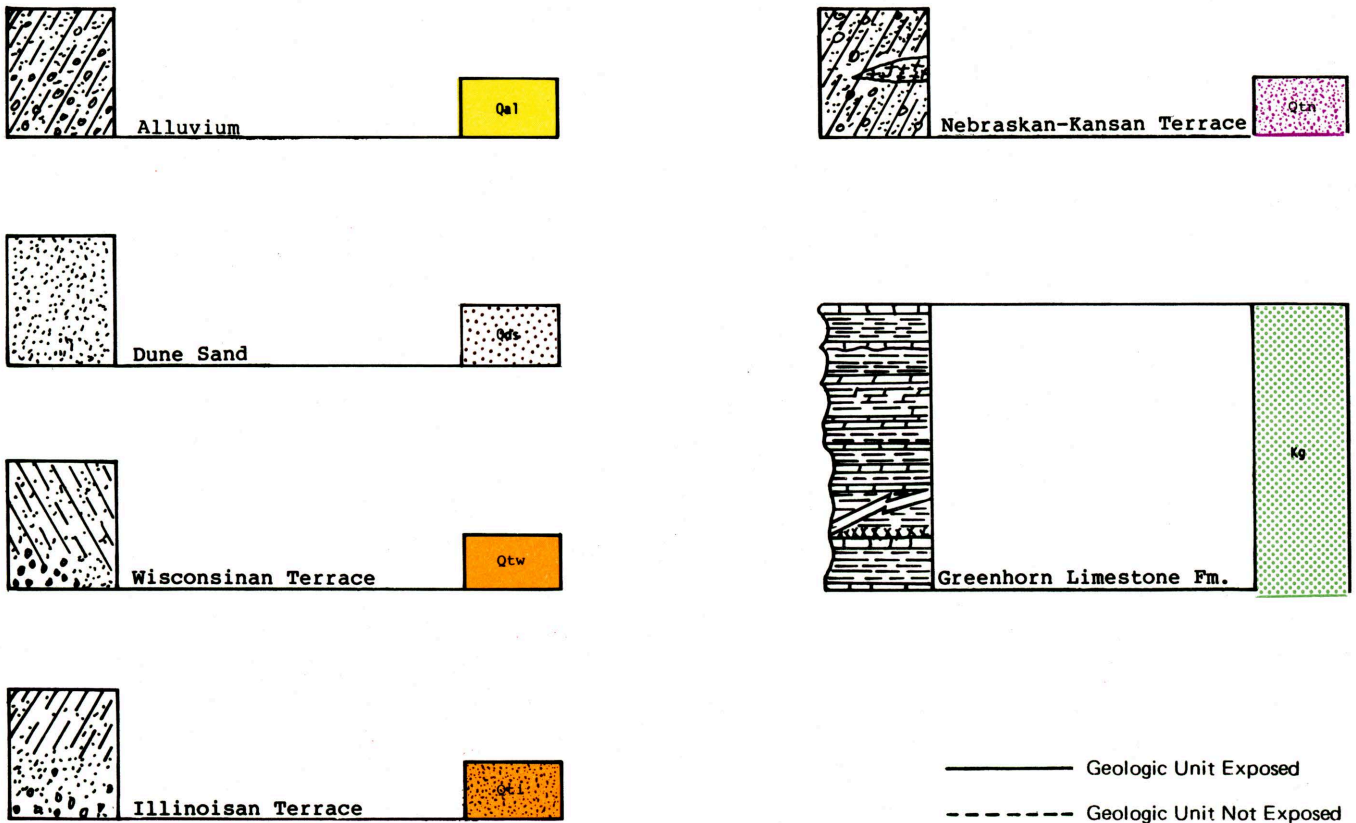
SG+1  
Qa1

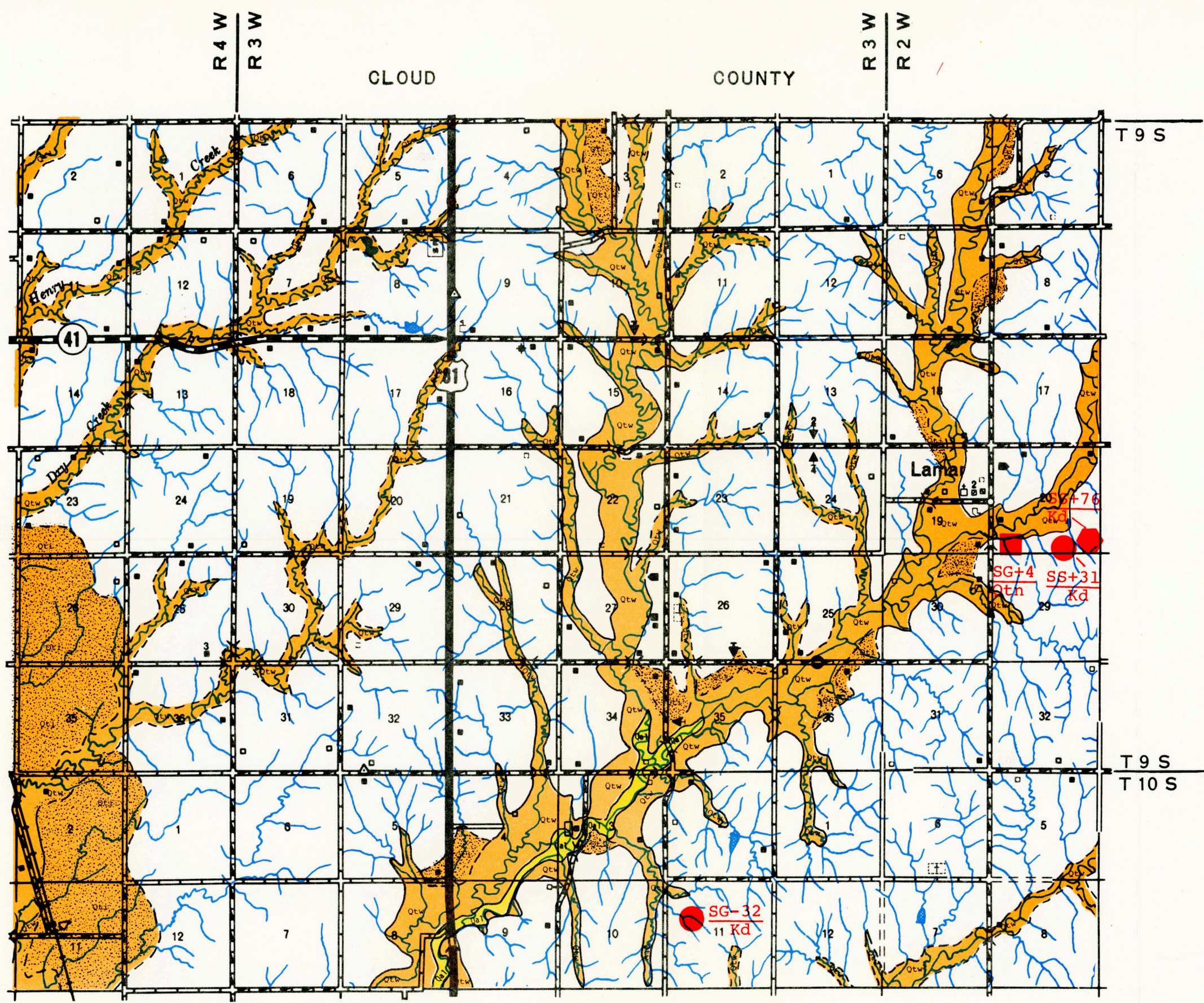
+ indicates more than 20,000 cubic yards  
- indicates less than 20,000 cubic yards

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

- SG Sand Gravel
- SS Sandstone
- FS Fine Sand
- Si Silt
- LS Limestone
- VA Volcanic Ash

### GEOLOGY





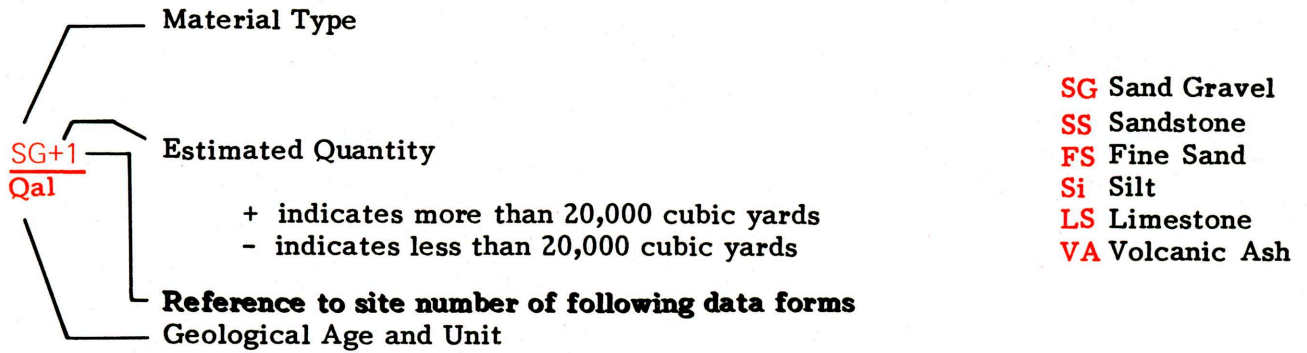
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OTTAWA COUNTY

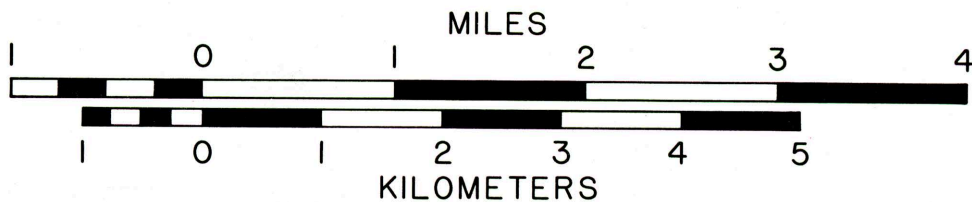
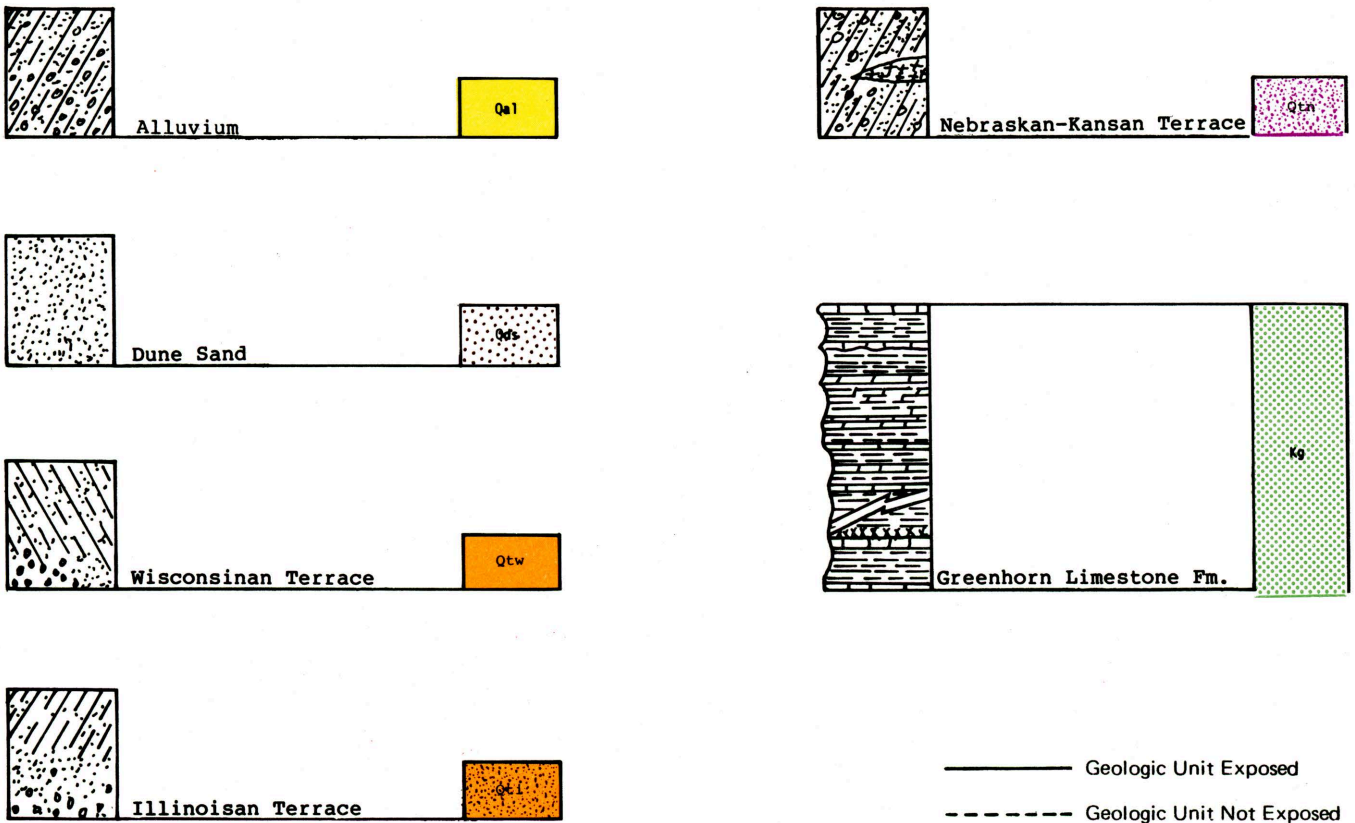
# LEGEND

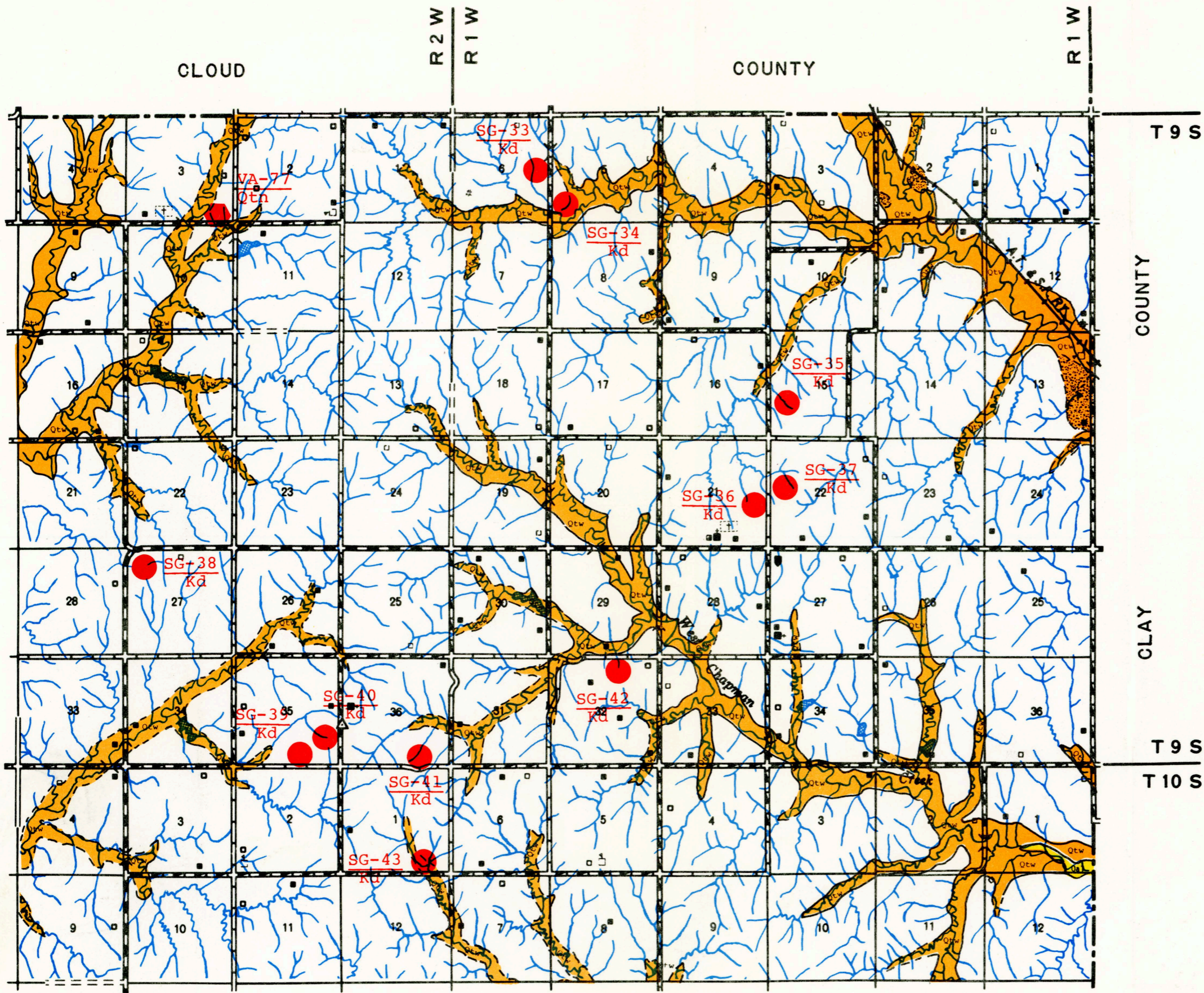
## MATERIALS SITE DESIGNATIONS

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OTTAWA COUNTY

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- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110

**Material Type**

**Estimated Quantity**

SG+1  
Qa1

+ 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

SG Sand Gravel

SS Sandstone

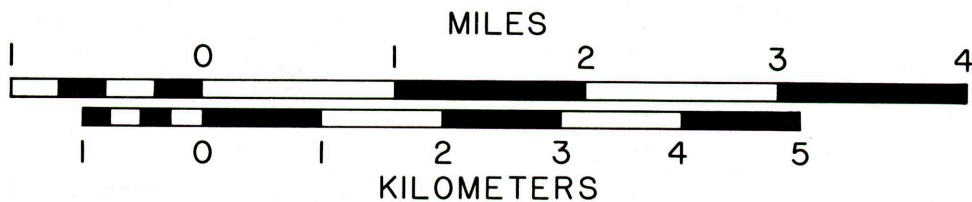
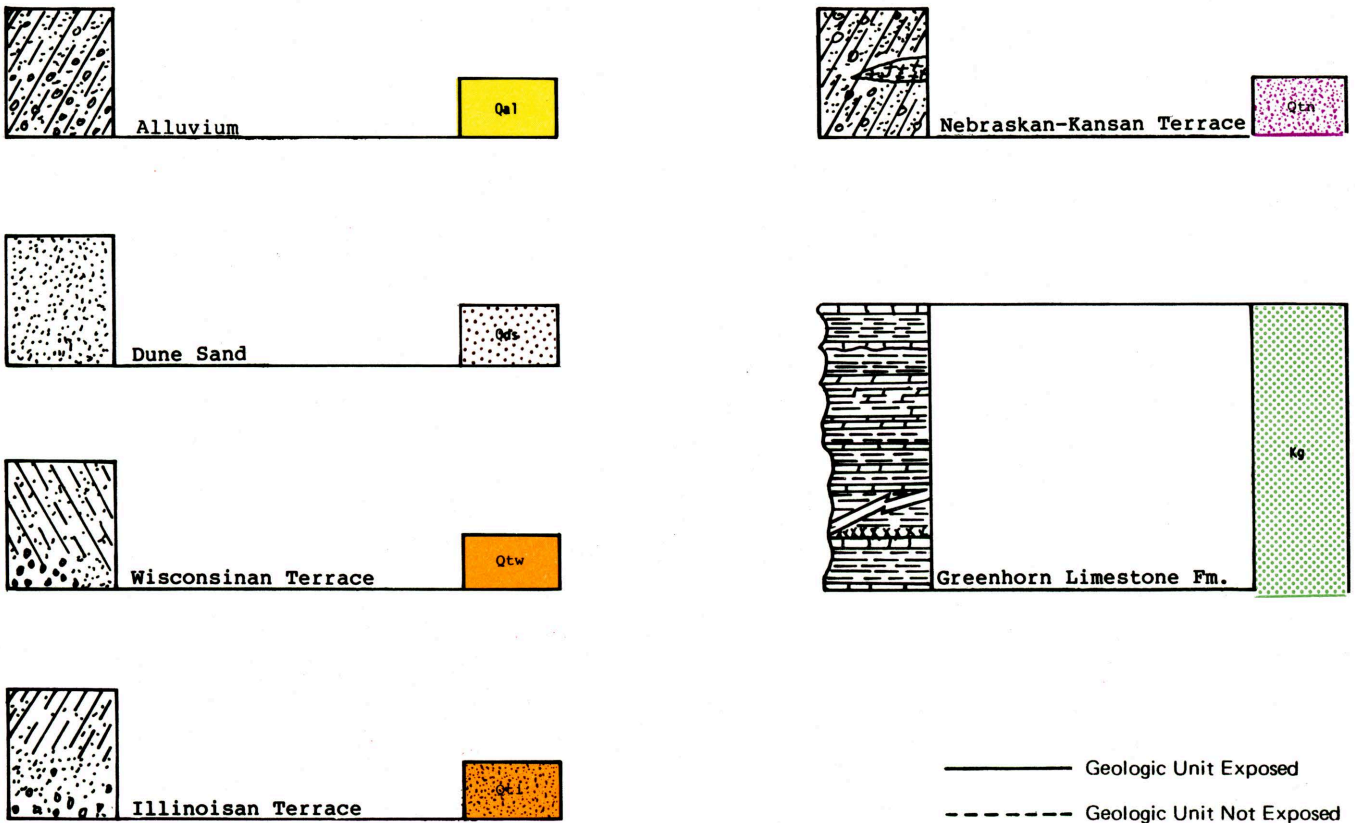
FS Fine Sand

Si Silt

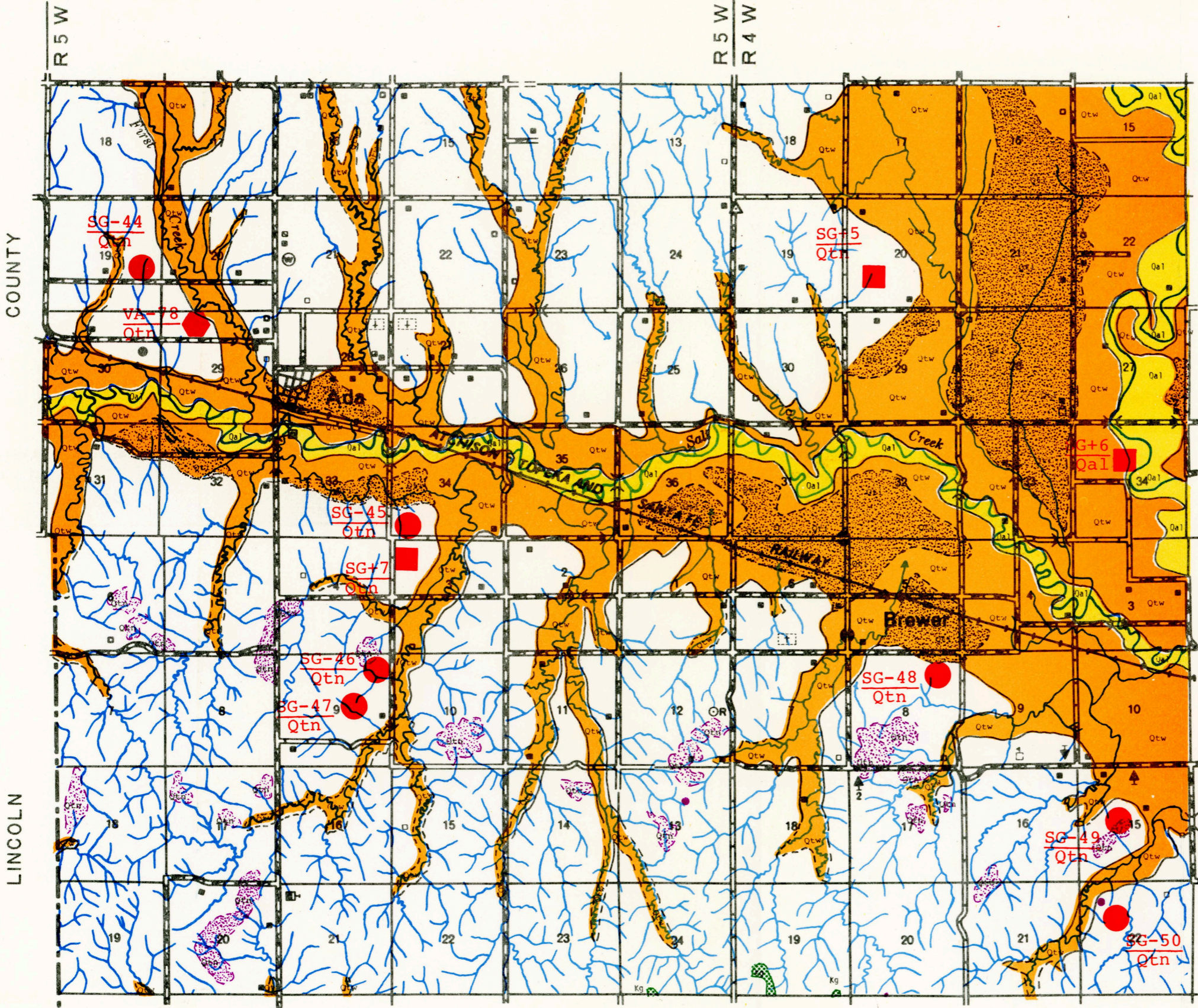
LS Limestone

VA Volcanic Ash

### GEOLOGY







T 10 S  
T 11 S

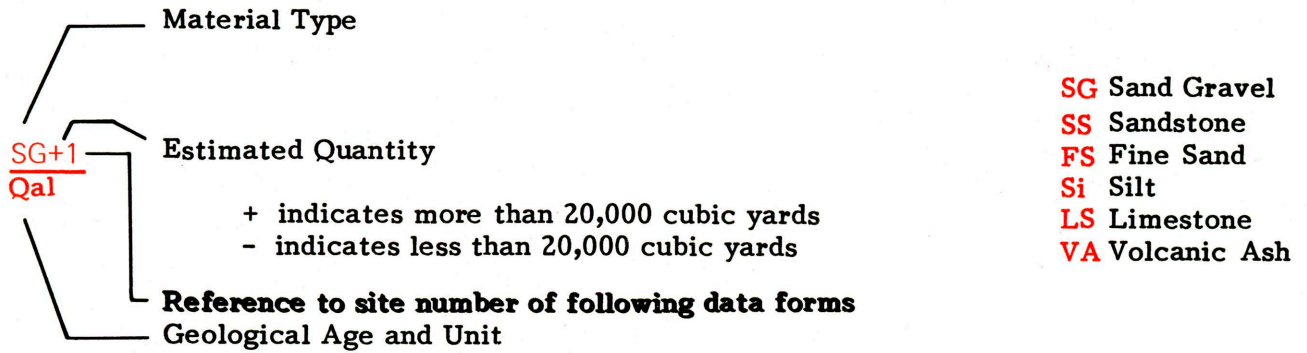
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OTTAWA COUNTY

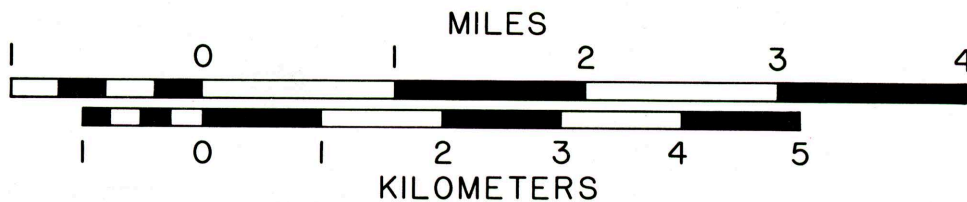
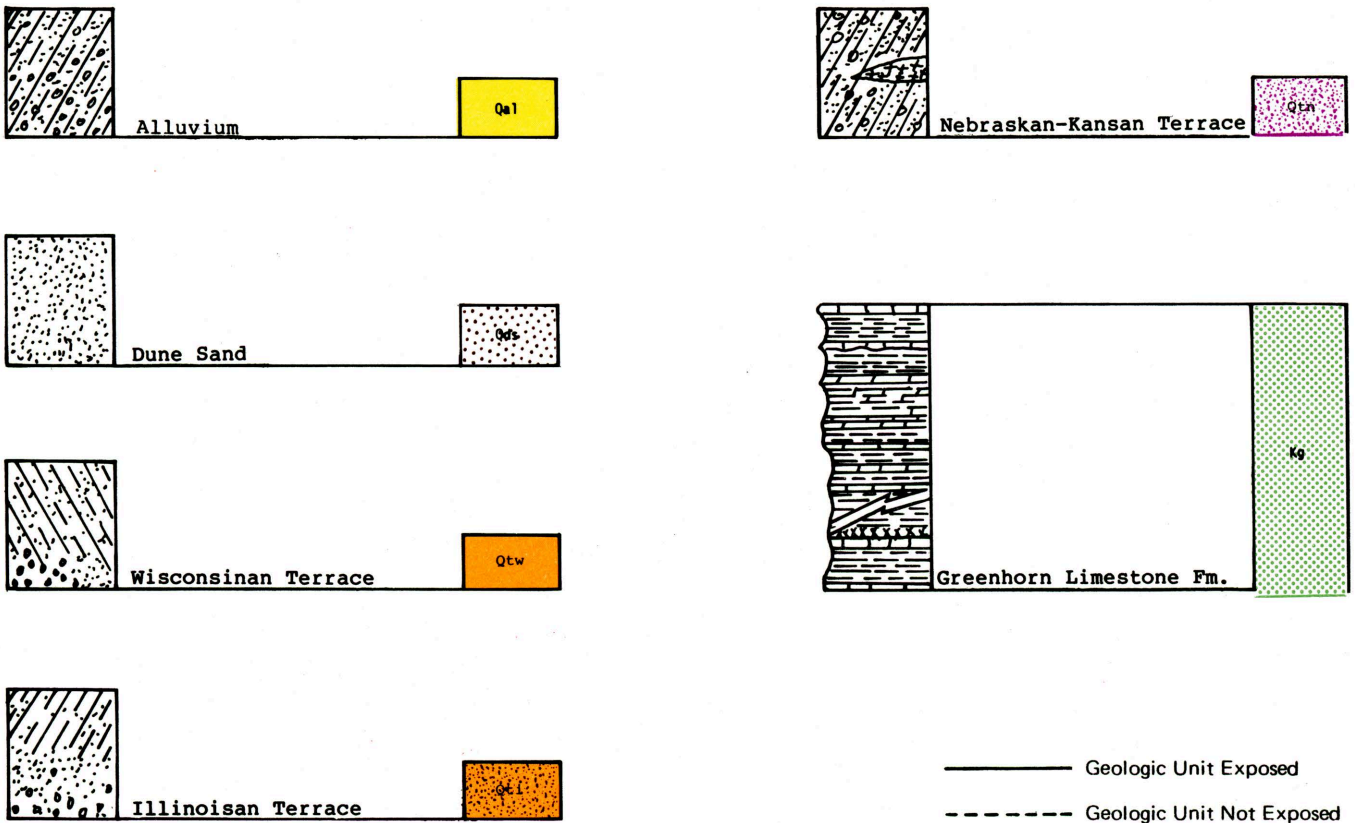
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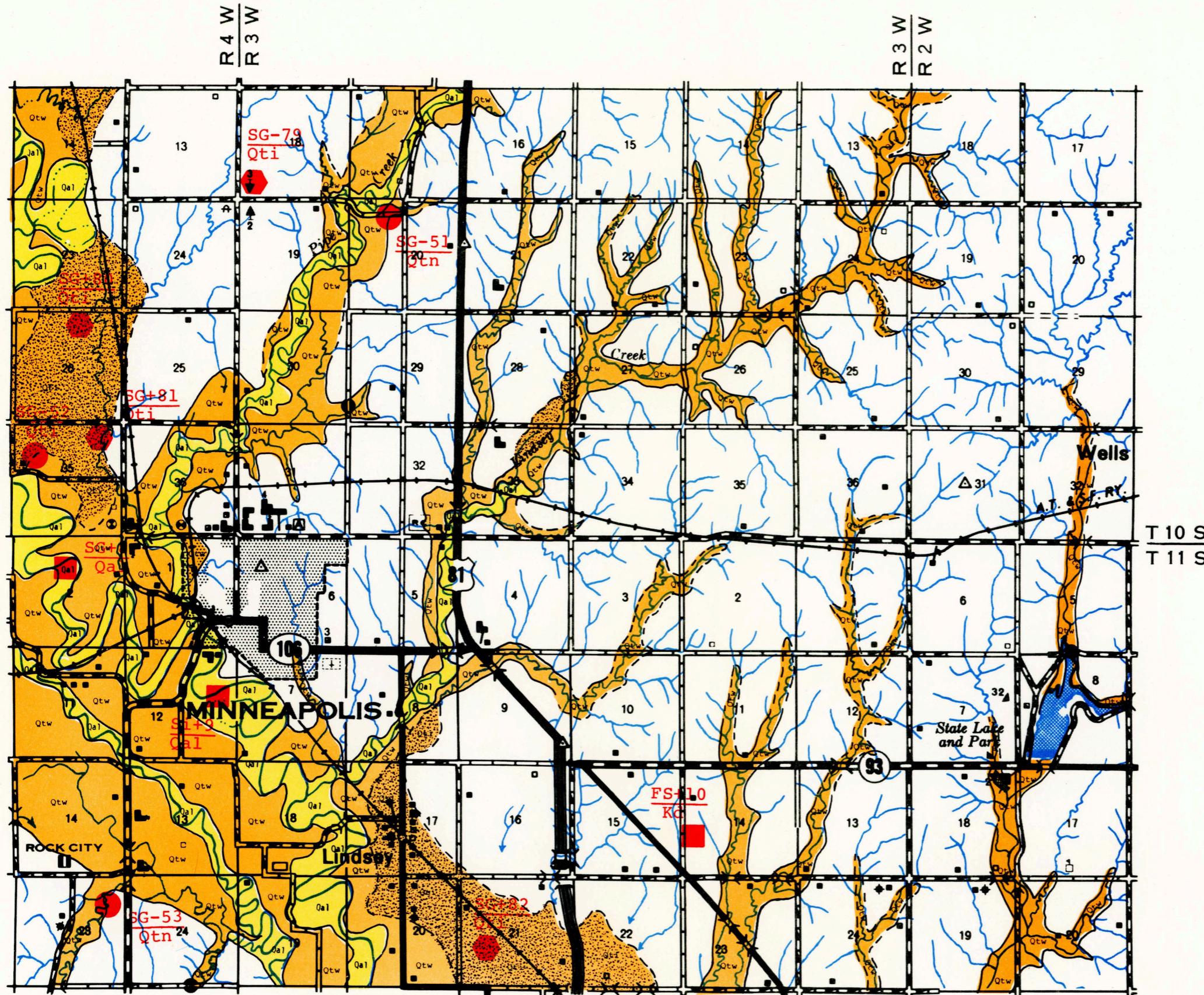
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- Open Materials Sites; Not Sampled Page 50
- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110



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- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110

**Material Type**

**Estimated Quantity**

SG+1  
Qa1

+ 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**

SG Sand Gravel

SS Sandstone

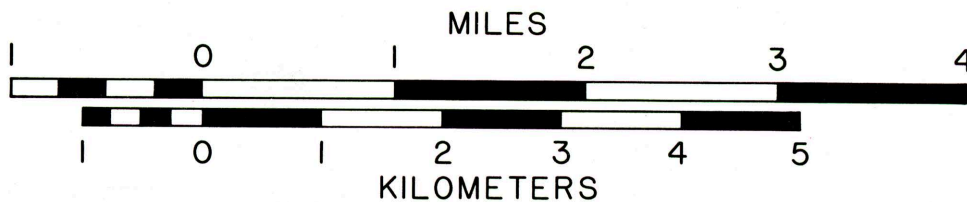
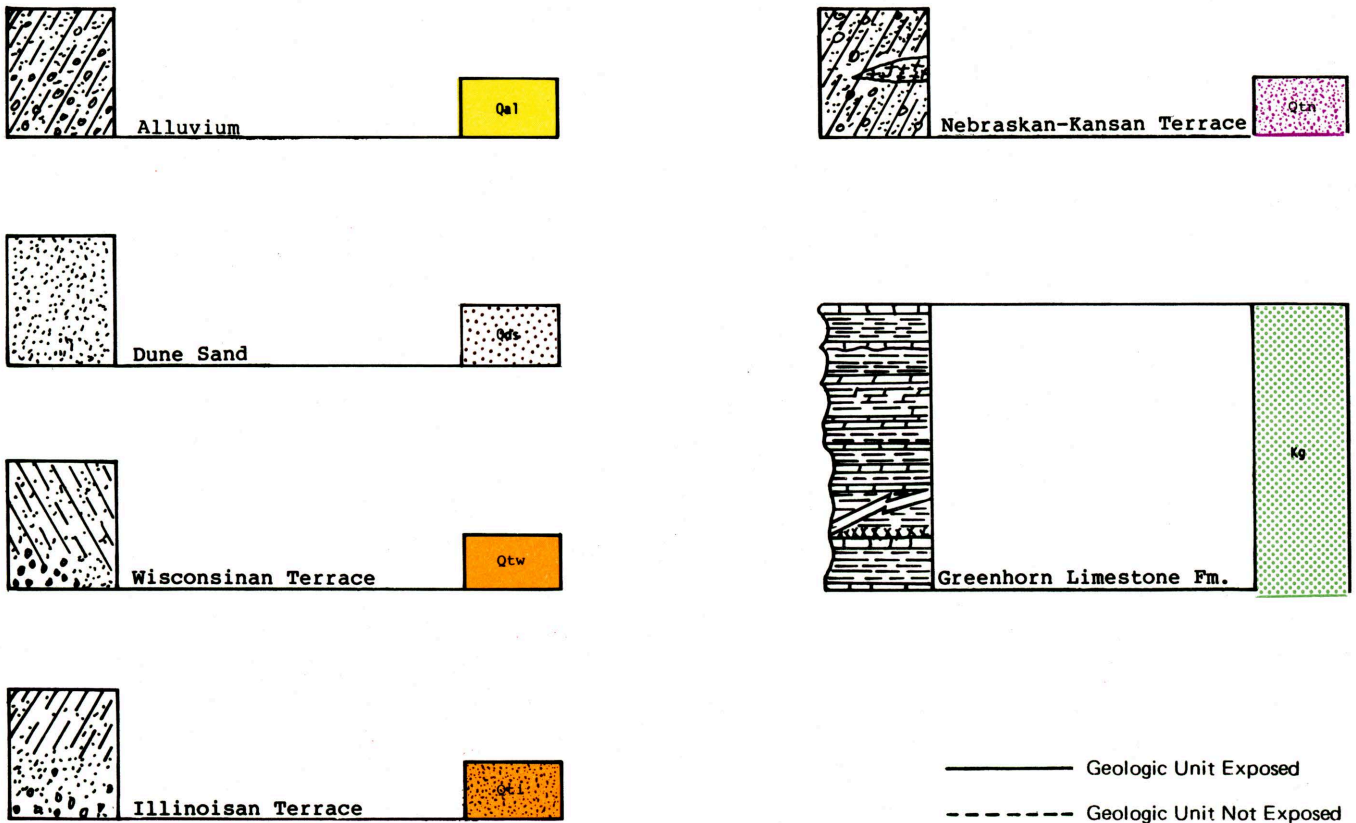
FS Fine Sand

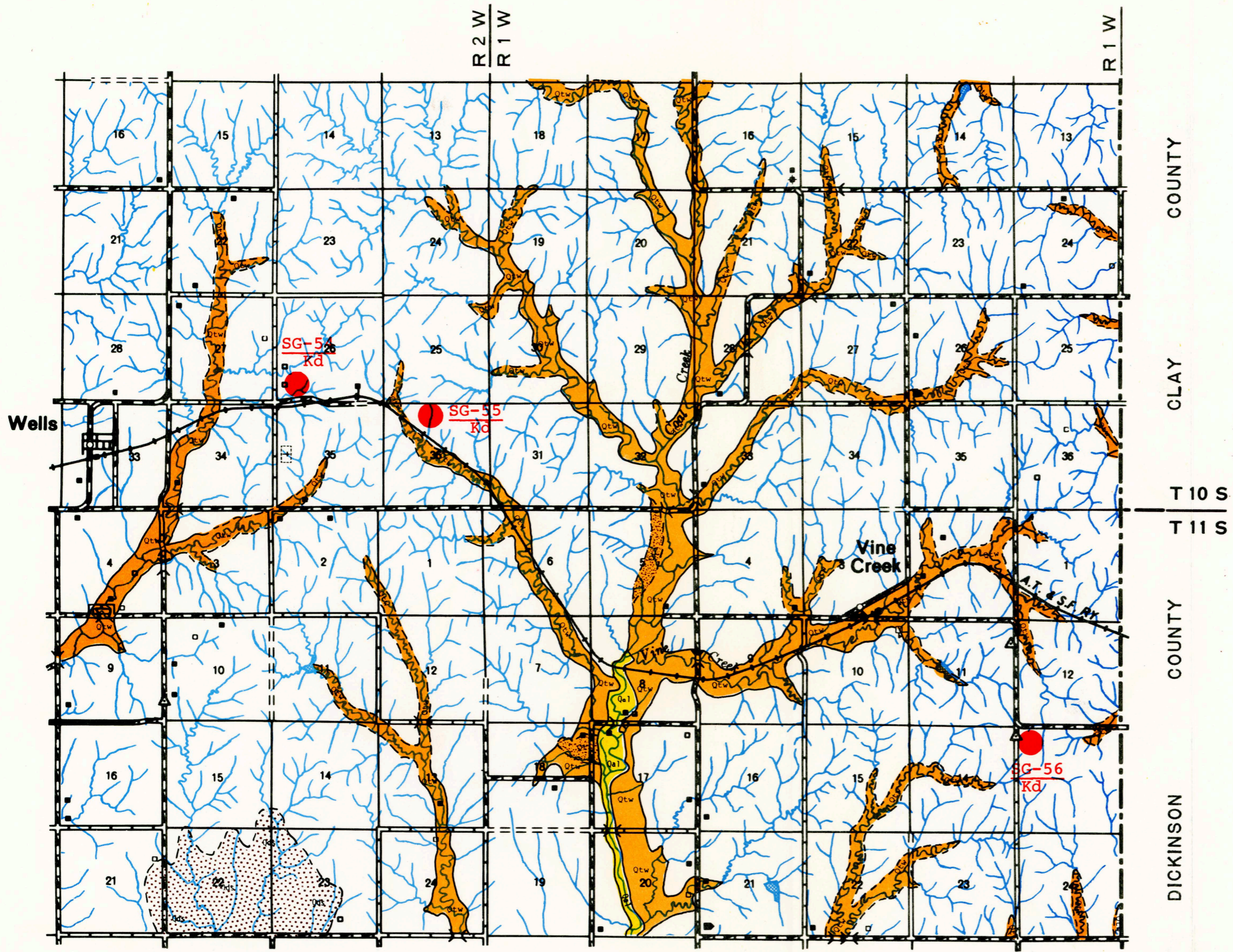
Si Silt

LS Limestone

VA Volcanic Ash

### GEOLOGY





COUNTY  
CLAY  
COUNTY  
DICKINSON

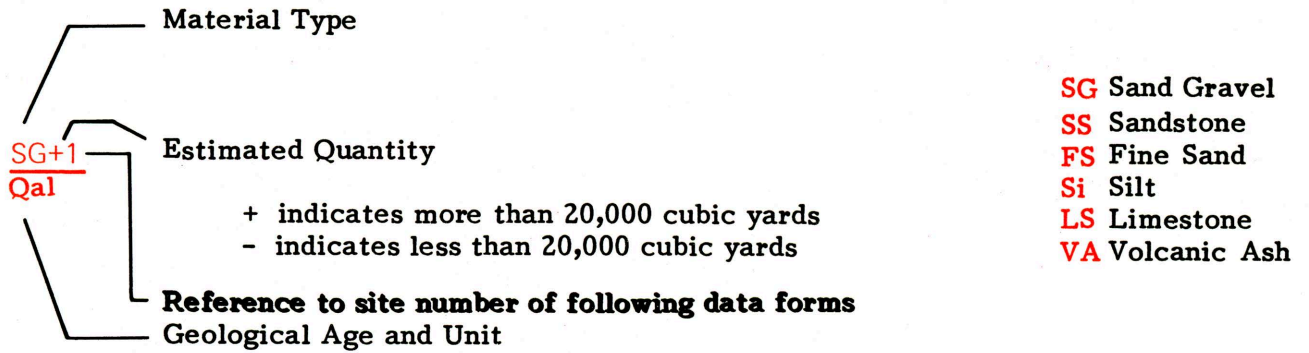
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OTTAWA COUNTY

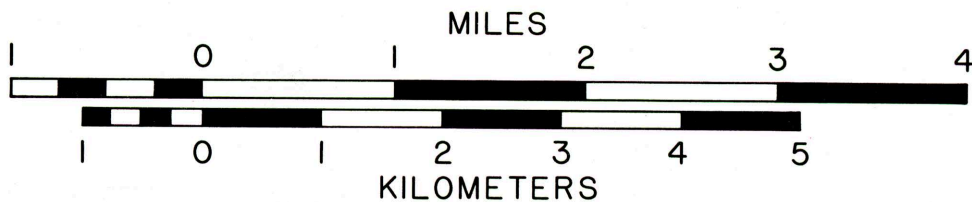
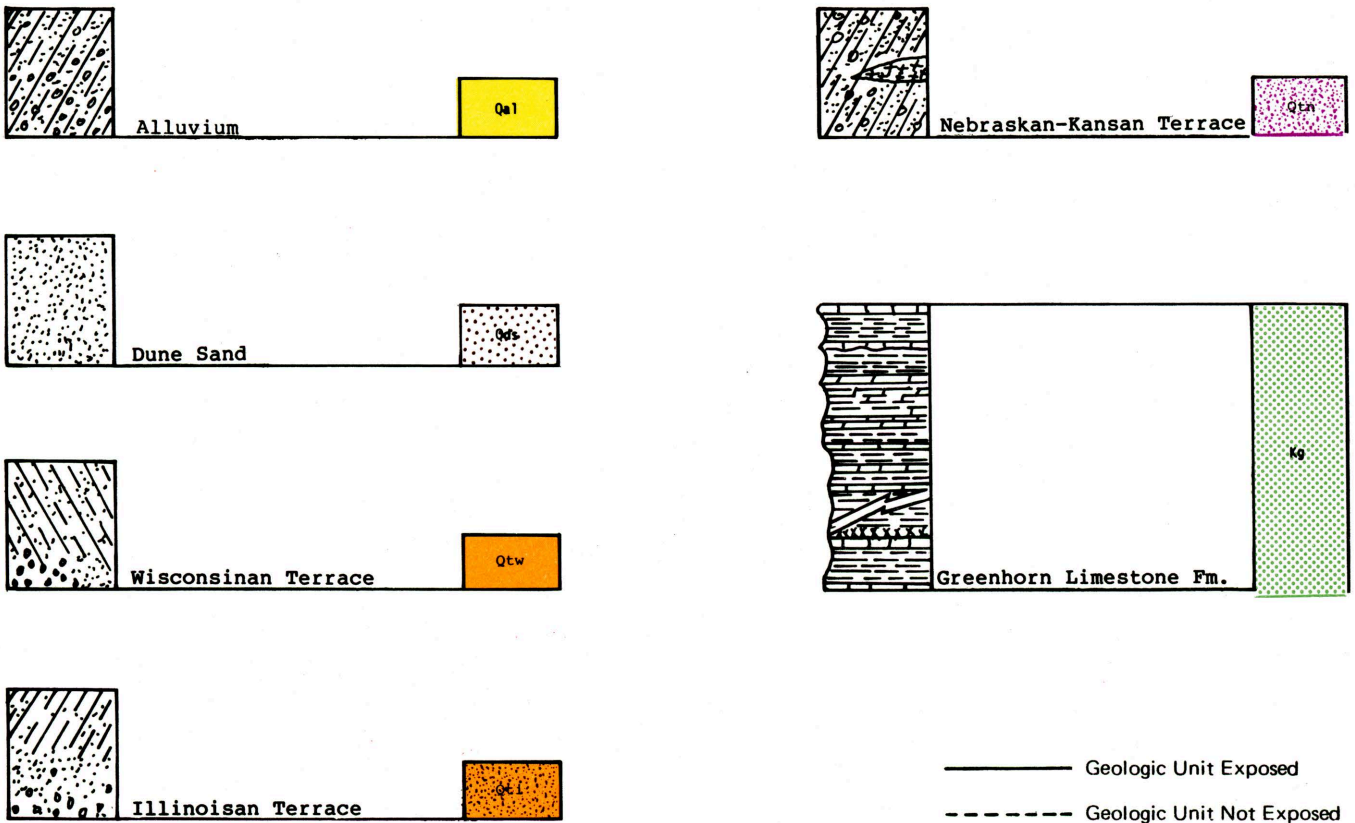
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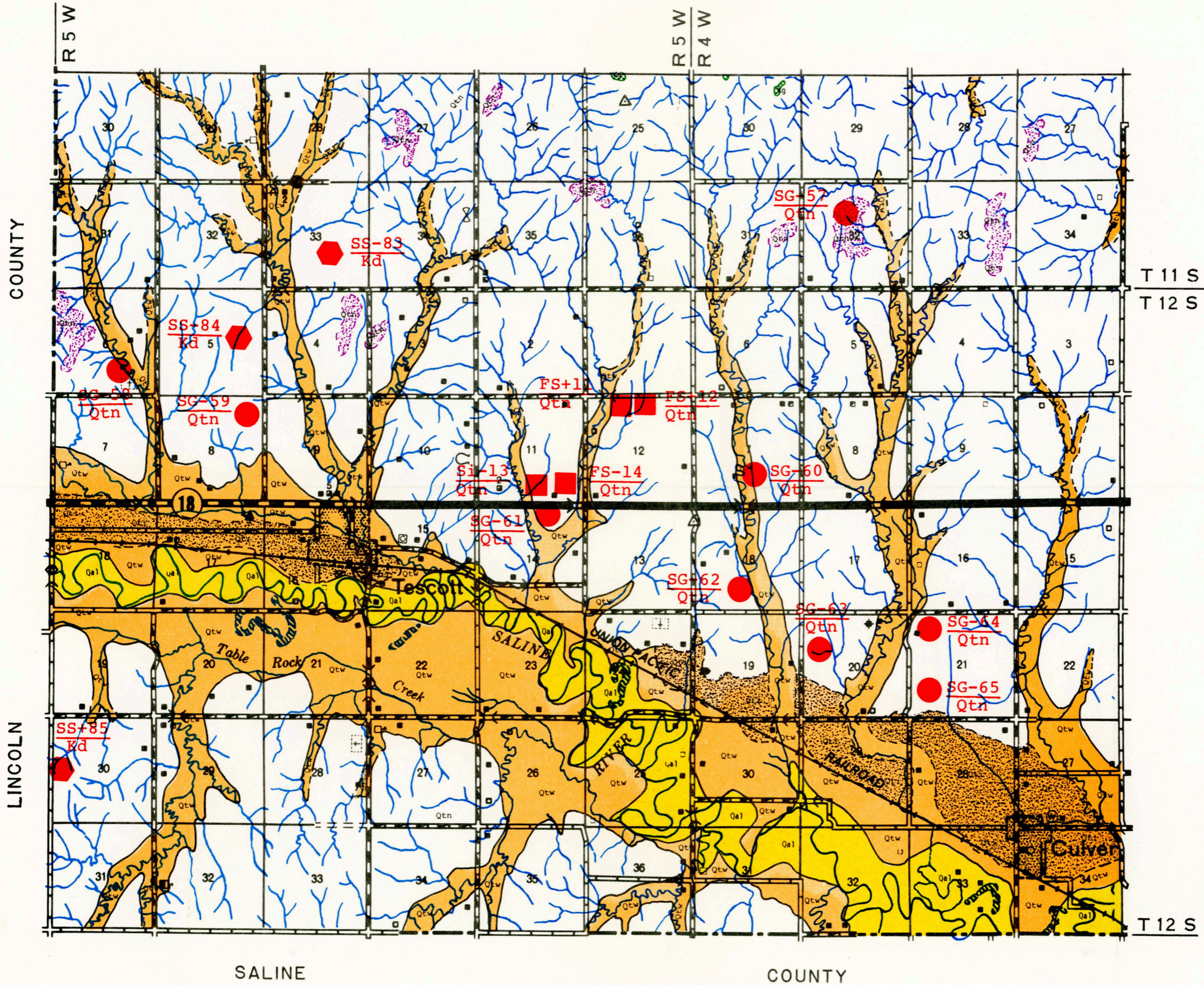
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- ▼ Prospective Materials Sites; Sampled Page 104
- ◆ Prospective Materials Sites; Not Sampled Page 110



### GEOLOGY





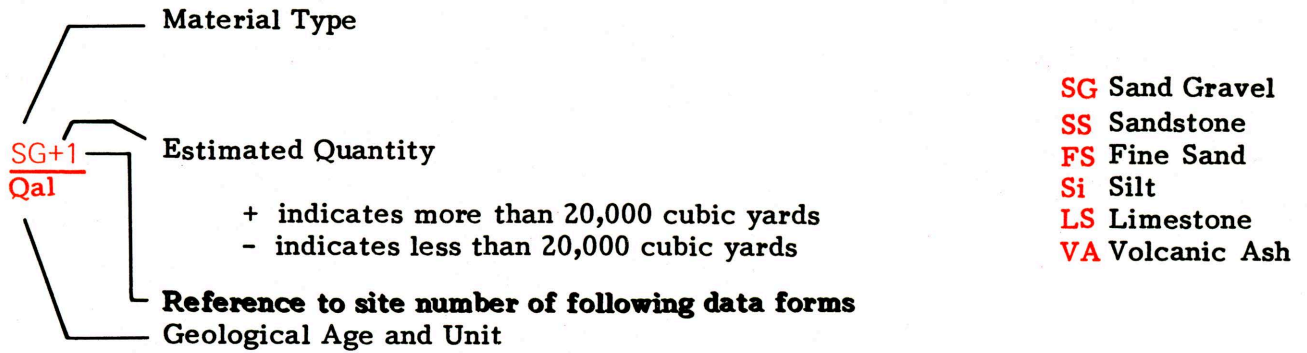
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OTTAWA COUNTY

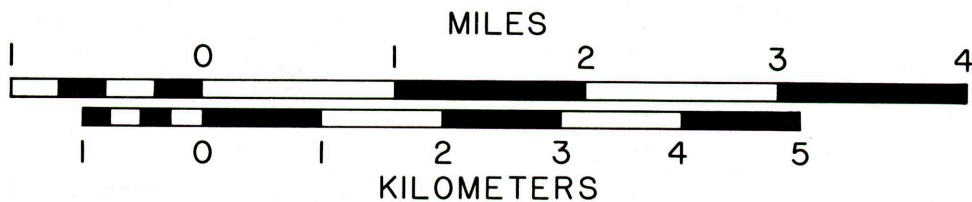
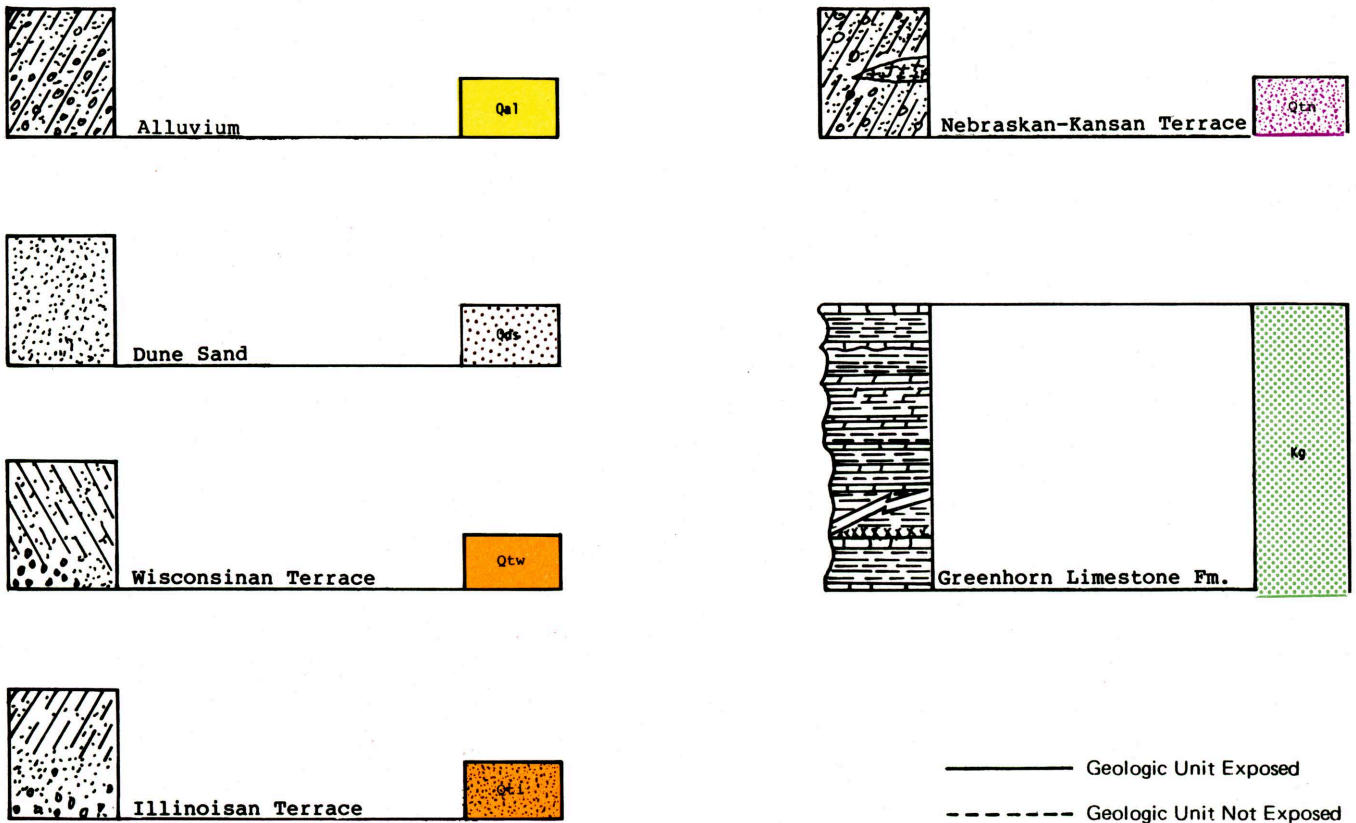
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## MATERIALS SITE DESIGNATIONS

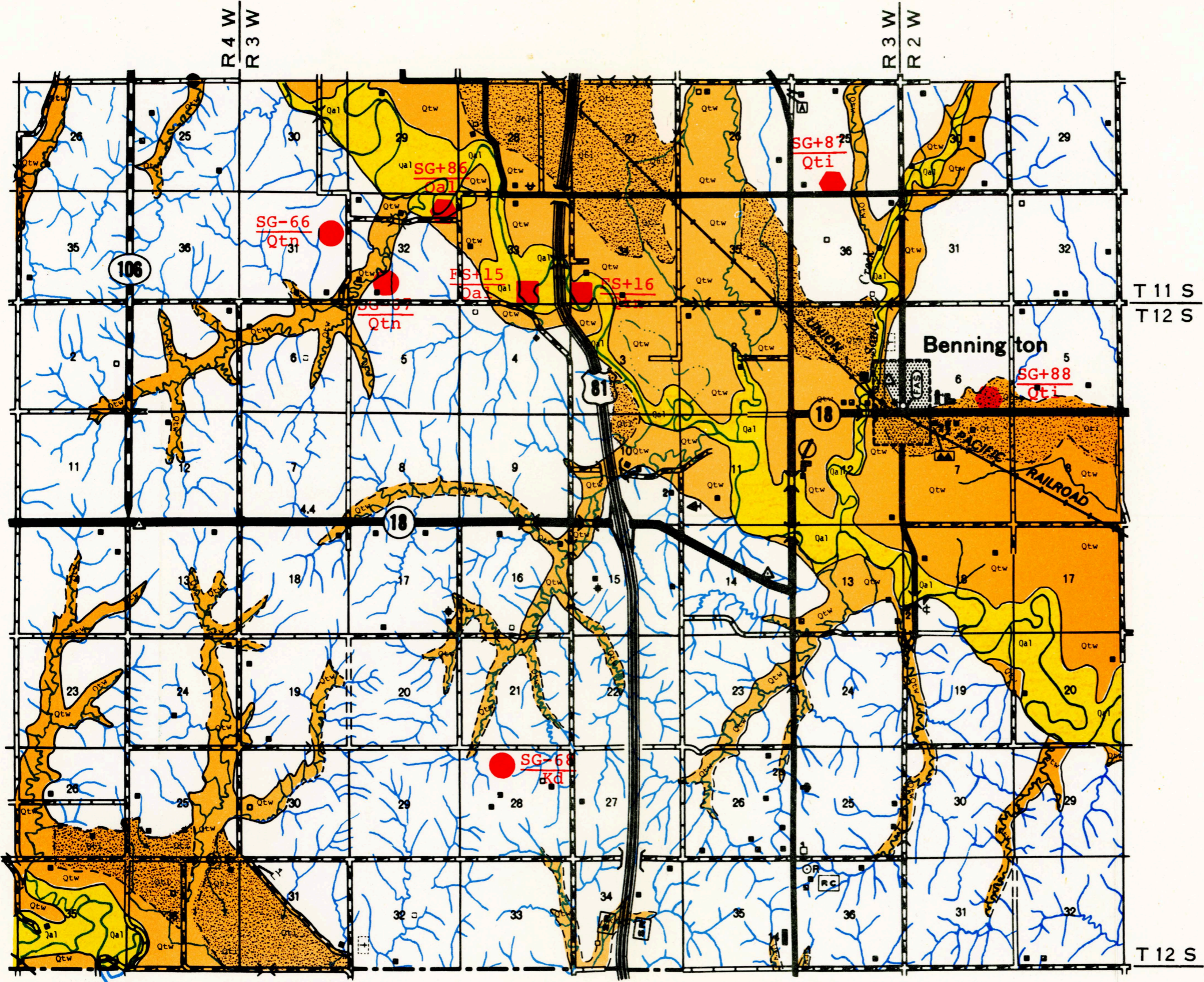
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- Open Materials Sites; Not Sampled Page 50
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- ◆ Prospective Materials Sites; Not Sampled Page 110



### GEOLOGY







SALINE

COUNTY

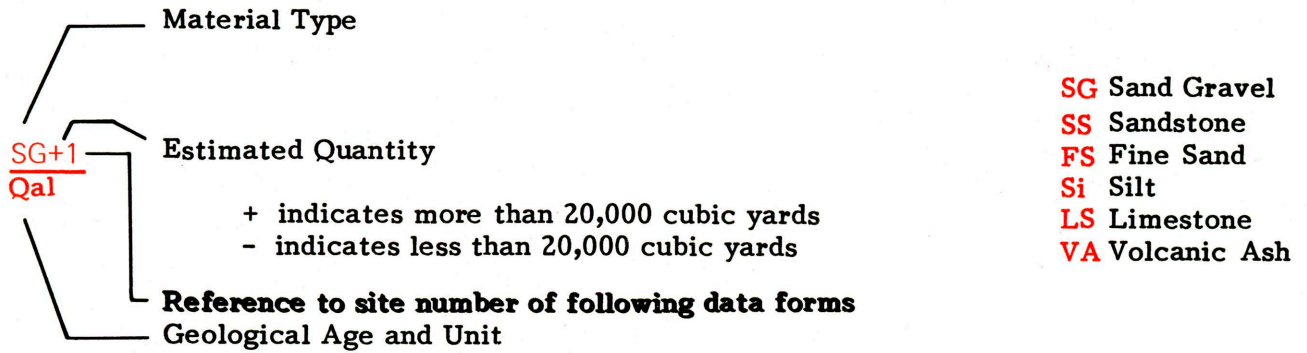
I	II	III
IV	V	VI
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OTTAWA COUNTY

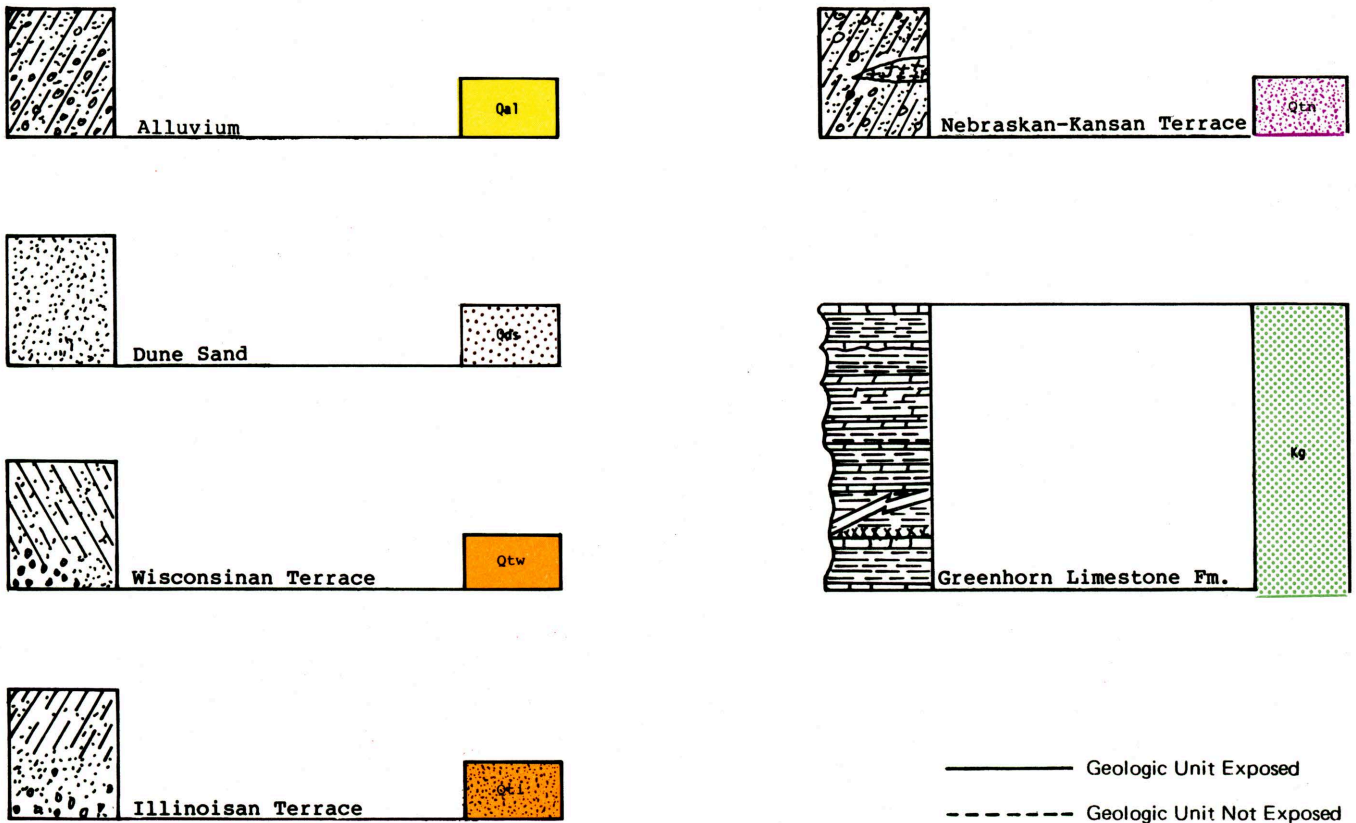
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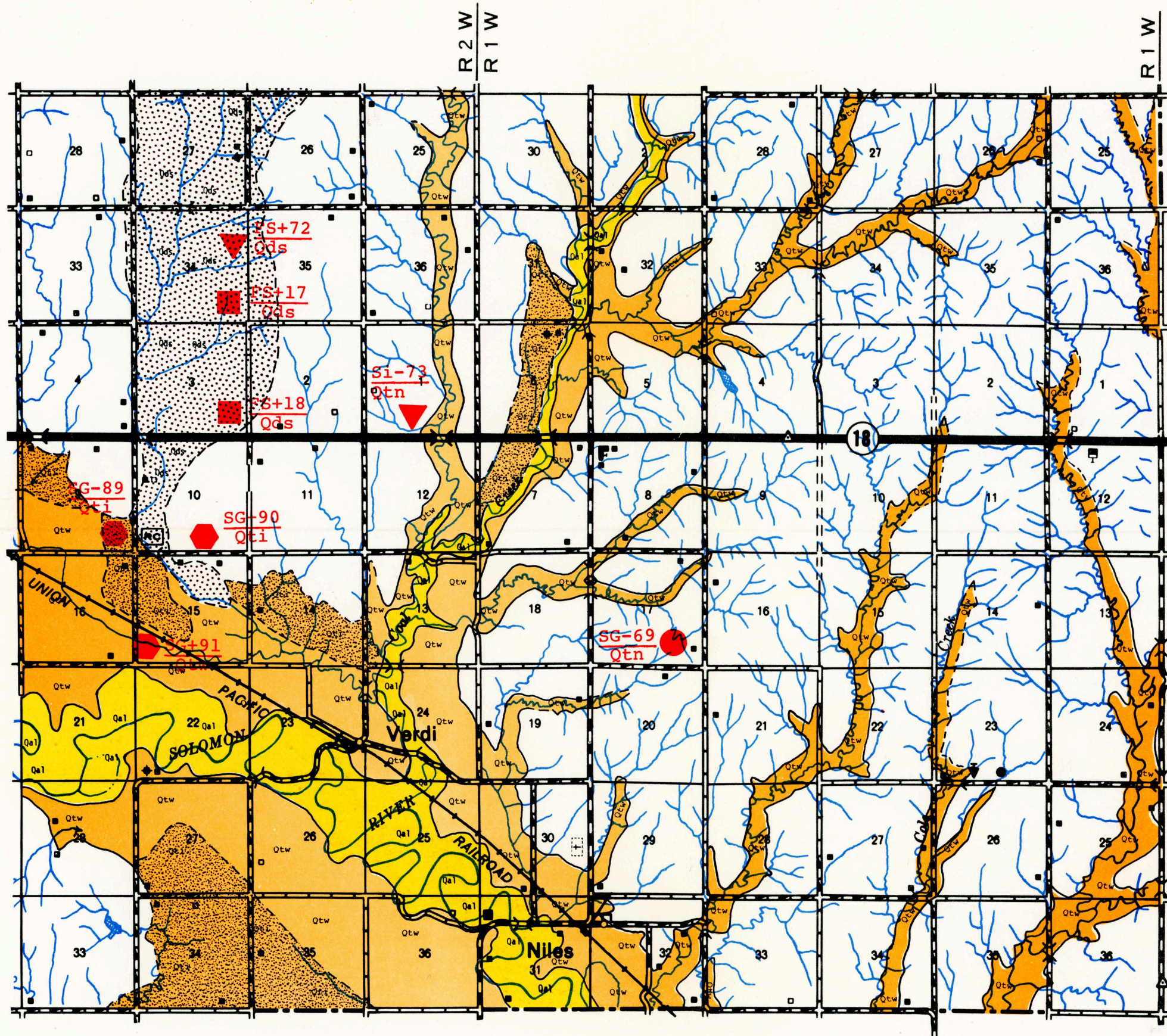
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### GEOLOGY





T 11 S  
T 12 S

COUNTY

DICKINSON

T 12 S

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IV	V	VI
VII	VIII	IX

OTTAWA COUNTY

SALINE

COUNTY