

OPEN MATERIALS SITES; SAMPLED

LEGEND

	Trail or lane		Open materials sites; sampled
	Road		Open materials sites; not sampled
	Railroad		Prospective materials sites; not sampled
	Hedge or trees		Center of section
	Major streams		Dwelling
	Intermittent streams		Cemetery
	Pond or lake		School
			Church
			Town or city

MATERIAL SITE DATA FORM

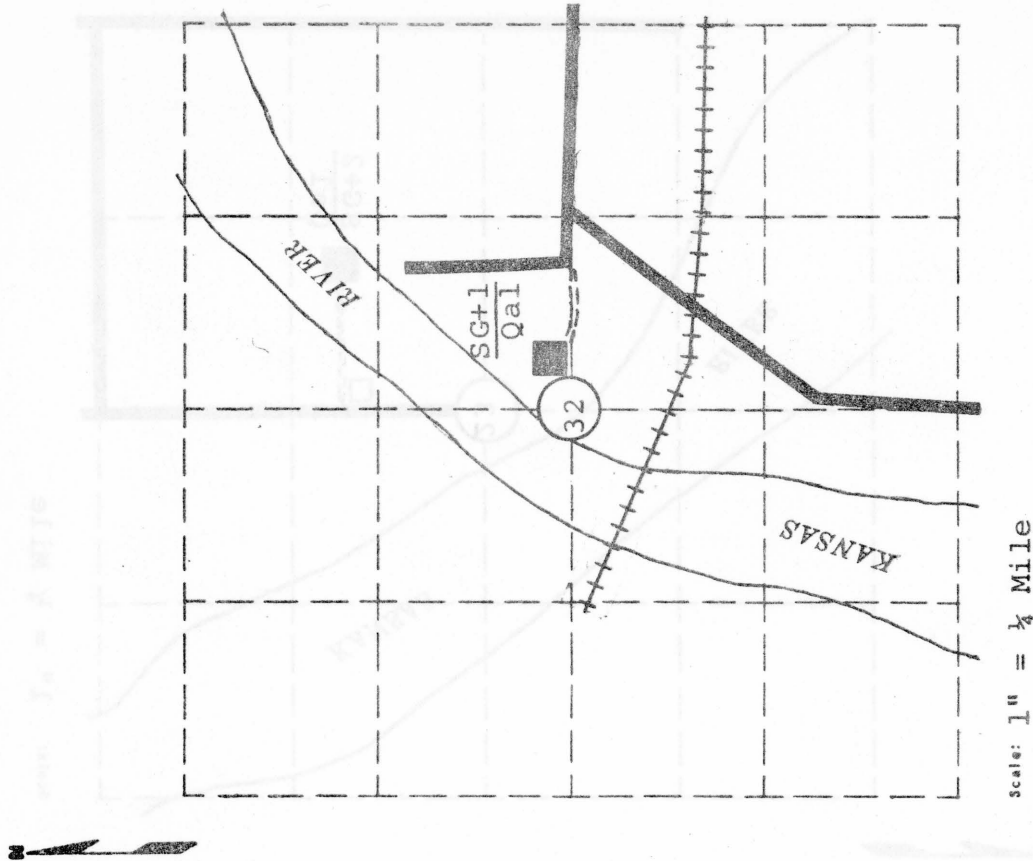
SG-11
Qal
Site No. _____ Date May, 1970
Material Sand & Gravel County Johnson
Location NE 1/4 Sec. 32 Twp. 11S Range 23E
Owner Charles Scheidt ^{NAME} DeSoto, KS.
Nature of Deposit Wet Accessibility Good Site Located on Platte I
Status of Site Open site; sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Quaternary
Geological Source Alluvium
Material Similar To SHC Lab No. 68-4200
Specific Gravity (Sat.) 2.60 (Dry) _____
Los Angeles Year 35.9
Absorption _____ Soundness 0.98
wt. Cu.Ft. _____ Str. Ratio _____
Remarks Fine to coarse sand, very little gravel available. Pumping from Kansas River.

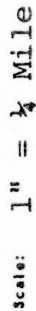


SG+2

EXPLORATION DATA

CORRELATION DATA

Specific Gravity (Sat.) 2.61, 2.62 (Dry) _____
 Los Angeles Weir 36.2 _____
 Absorption 0.5, 0.6 Soundness 0.98 _____
 Wt. Cu. Ft. 111.5, 108.2 Str. Ratio 1.26, 1.04 _____
 Remarks Abandoned _____



LS+4
PW

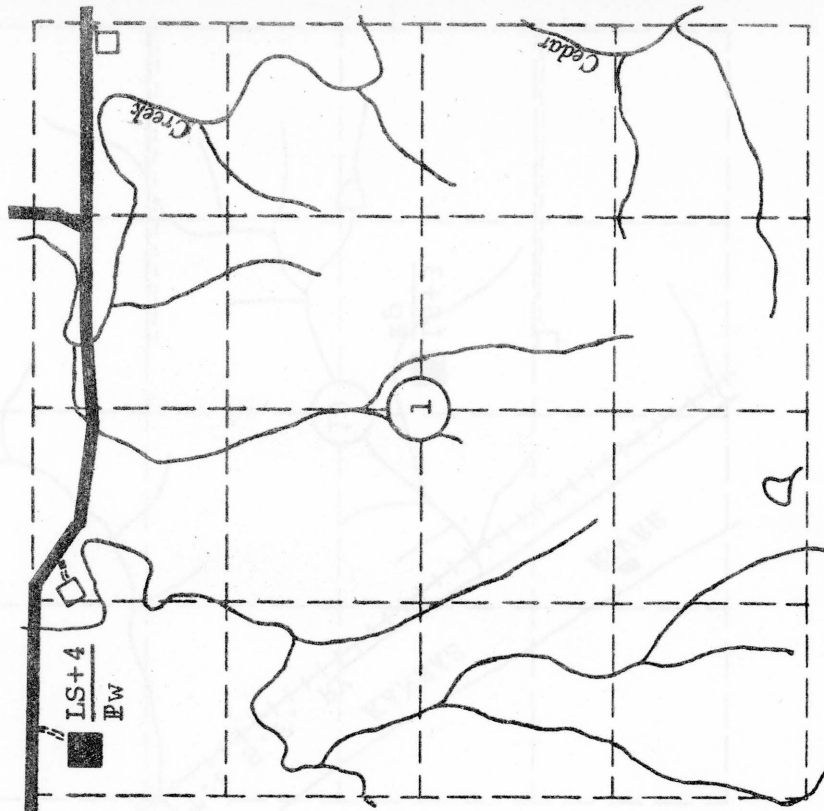
Site No. PW Date May, 1970
Material Limestone County Johnson
Location NW 1/4 Sec. 1 Twp. 13S Range 22E
Owner M. Rieke, Etal 15400 Midland Dr., Desoto, Ks.
Name
Nature of Deposit Dry Accessibility Fair Site Located on Plate I
Status of Site Open site; sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To SHC 619 #46-35
Specific Gravity (sat.) 2.55 (Dry) 2.48
Los Angeles Wear _____
Absorption 2.78 Soundness 0.97
Wt. Cu. Ft. _____ Str. Slat. _____
Remarks +40' Thick - Abandoned



Scale: 1" = $\frac{1}{4}$ Mile

LS+5
FW
Site No. _____ Date May, 1970
Material Limestone County Johnson
Location SW $\frac{1}{4}$ Sec. 34 Twp. 12S Range 23E
Owner Horace Furry c/o Mrs. Rhoda Furry, Rt. 4, Olathe, K^{ans}
Nature of Deposit Dry Accessibility Good Site Located on Plate I
Status of Site Open site; sampled

[illegible]

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material similar to SHC Lab. No. 19503

Specific Gravity (Sat.) 2.59 (Dry) 2.51
Los Angeles Wear 29.6
Absorption 2.96 Soundness 0.89
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Abandoned



MATERIAL SITE DATA FORM

LS+6
FW
Site No. _____ Date May, 1970
Material Limestone County Johnson
Location SW $\frac{1}{4}$ Sec. 25 Twp. 12S Range 23E
Owner Margaret L. Blessing 314 E. 2nd Ave. Cheyenne, WY.
Name _____
Nature of Deposit Dry Accessibility Good Site Located on Plate II
Status of Site Open site; sampled

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material similar to SHC Lab. No. 69-3515

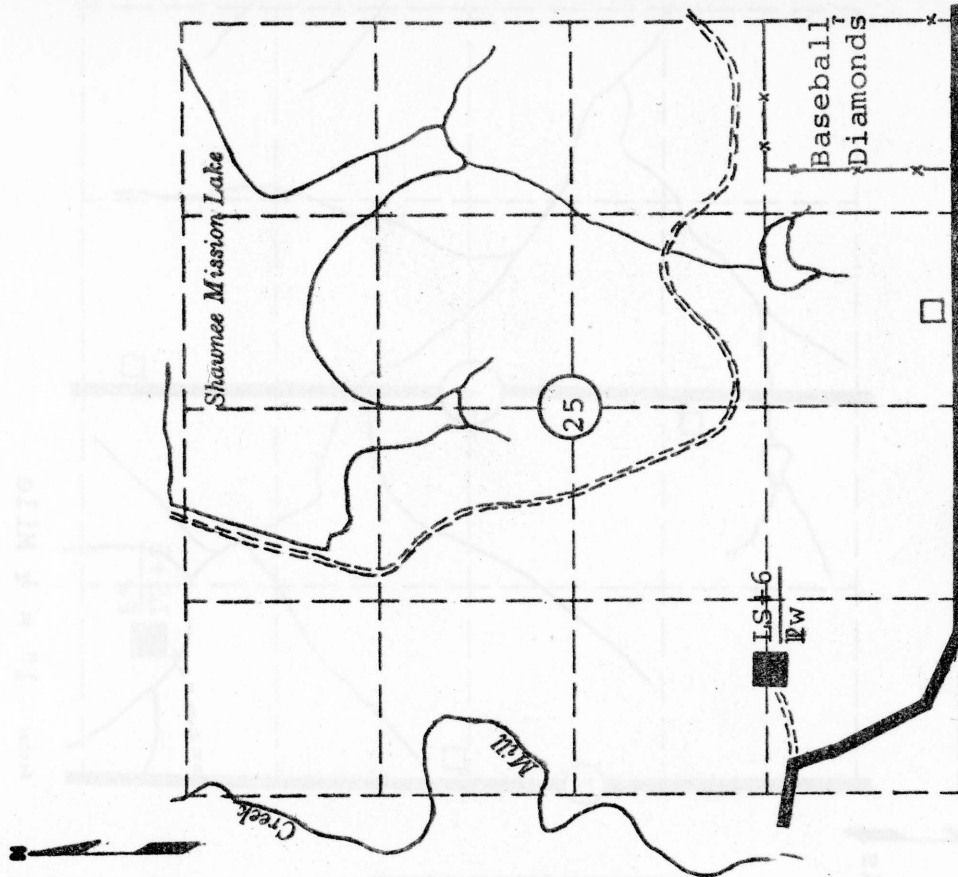
Specific Gravity (Sat.) ~~2.61, 2.62~~ (Dry) ~~2.54, 2.55~~

Los Angeles Year 29.6 (B)

Absorption	2.89, 2.46	Soundness	0.91
------------	------------	-----------	------

Wt. Cu. Ft. _____ Str. Ratio _____

Research: Active - Very Thick



scale: 1" = $\frac{1}{4}$ Mile

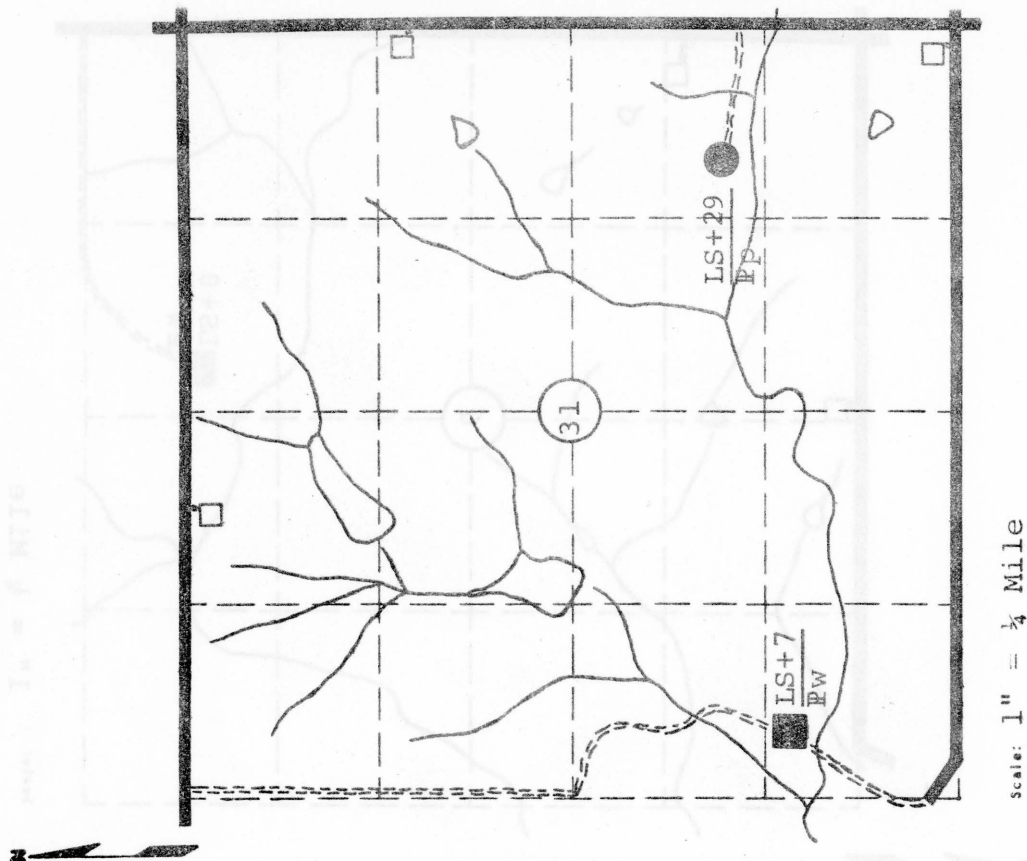
LS+7
PW
Site No. _____ Date May, 1970
Material Limestone County Johnson
Location SW $\frac{1}{4}$ Sec. 31 Twp. 12S Range 24E
Owner Jessie E. Monahan 17500 W. 95th Lenexa, Ks.
name address
Nature of Deposit Dry Accessibility Good Site Located on Plate II
Status of Site Open site; sampled

[illegible]

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To SHC Lab. No. 69-967

Specific Gravity (Sat.) 2.60, 2.61 (Dry) 2.55, 2.55
Los Angeles Wear 30.5 (B)
Absorption 2.18, 2.27 Soundness 0.97
Wt. Cu. Ft. _____ Str. Ratio _____

Remarks Active - Underground mine and open face.



80 + 57

Site No. _____ PW _____ Date: May, 1970

Limestone Johnson
County

Local 00 SEL Sec. 6 Typ. 135 Range 24E

Owner: Frontier Land Co., Inc. 7635 High Dr. ^{High} ^{Street} ^{Village} Prairie

Nature of Deposit Dry accessibility Good Site Located on Plate II

Open site; sampled

[illegible]

Geotitles | Age

Pennsylvanian

Wyandotte Formation

Material similar to SHC Lab. No. 69-196

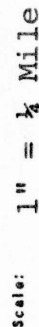
Specific Gravity (sp. g.)	2.59, 2.57	(D.V.)	2.52, 2.49
---------------------------	------------	--------	------------

Los Angeles Year 33.0 (B)

Absorption	2.63, 3.11	Soundness	0.96
------------	------------	-----------	------

wt. Cu. ft. ———— 31r. Ratio ————

Remarks



LS-9
PS

Site No. Ps Date May 1970
Material Limestone County Johnson
Location SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3 Twp. 14S Range 23E
Owner H.F. Hougland ^{name} Rt. 3 Box 227 Olathe, KS.
Nature of Deposit Dry Accessibility Good Site Located on Plate III
Status of Site Open site, sampled.

EXPLORATION DATA

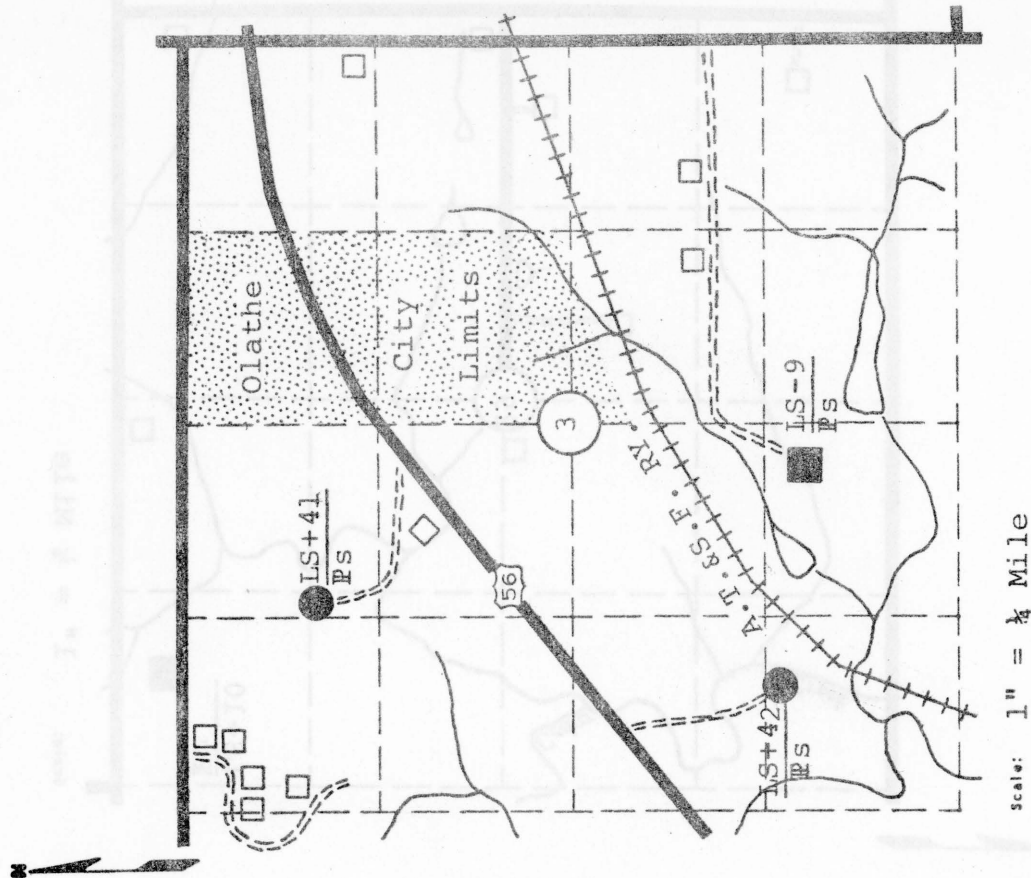
[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material similar to SHC 619 No. 46-30

Specific Gravity (Sst.)	2.60, 2.60	(Dry)	2.54, 2.55
Los Angeles Wear	27.2, 24.6		
Absorption	2.54, 1.90	Soundness	0.93, 0.96
Wt. Cu. Ft.		Str. Ratio	

Abandoned



Scale: 1" = $\frac{1}{4}$ Mile

MATERIAL SITE DATA FORM

IS+IO

PW

3103

Date May 1970

Limestone

country Johnson

7/MS
SW 1/2

135 23F

Owner Breckenridge Dev., Inc. RD3 Box 154C Olathe, Ks.
 name address

address

Nature of Deposit Dry Accessibility Good Site Located on Plate III

Dry _____ accessibility _____ Good _____

III

Open site; sampled

Open site; sampled

Open site; sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Pennsylvanian

Wyandotte Formation

SHC Form 619 No. 46-25

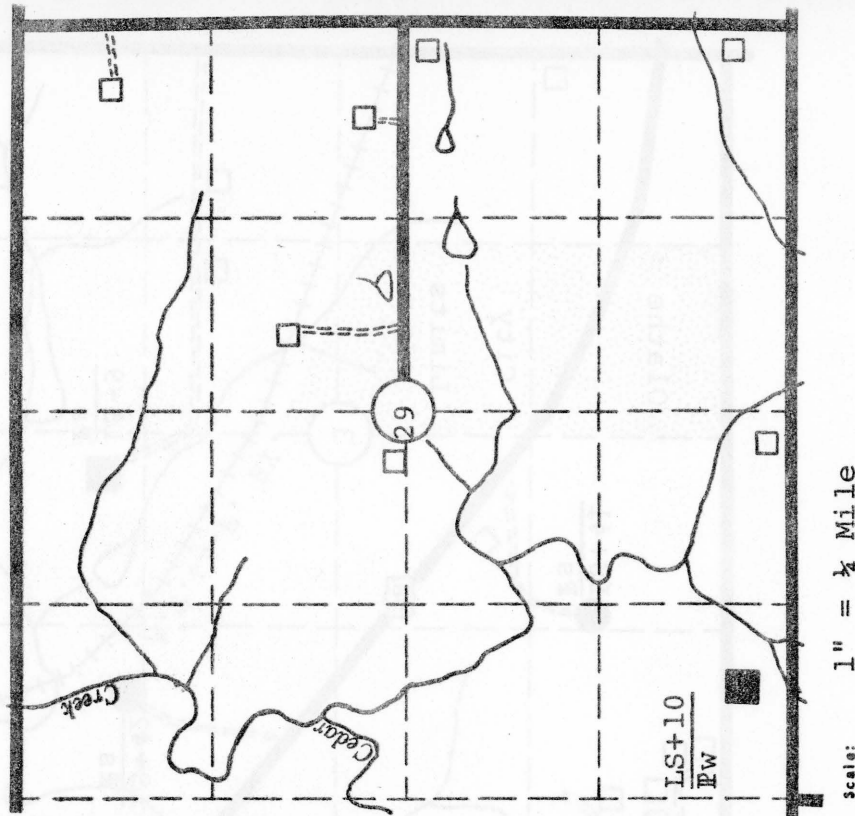
Specific Gravity (Sat.) 2.58, 2.56 (Dry) 2.56

Los Angeles Near ~~30.7(B), 31.7(B), 31.5(C)~~

$$\frac{2.43}{0.96} = 2.80$$

Mr. C. F. G.

Remarks Not in use at present.



Scale: 1" = $\frac{1}{4}$ Mile

LS+11
PS

Site No. PS Date May 1970

Material Limestone County Johnson

Location SE $\frac{1}{4}$ Sec. 9 Twp. 14S Range 23E

Owner C.E. Thomson, Etal 1229 W. 66th/Terr. K.C., Mo
Name Address

Nature of Deposit Dry Accessibility Good Site Located on Plate III

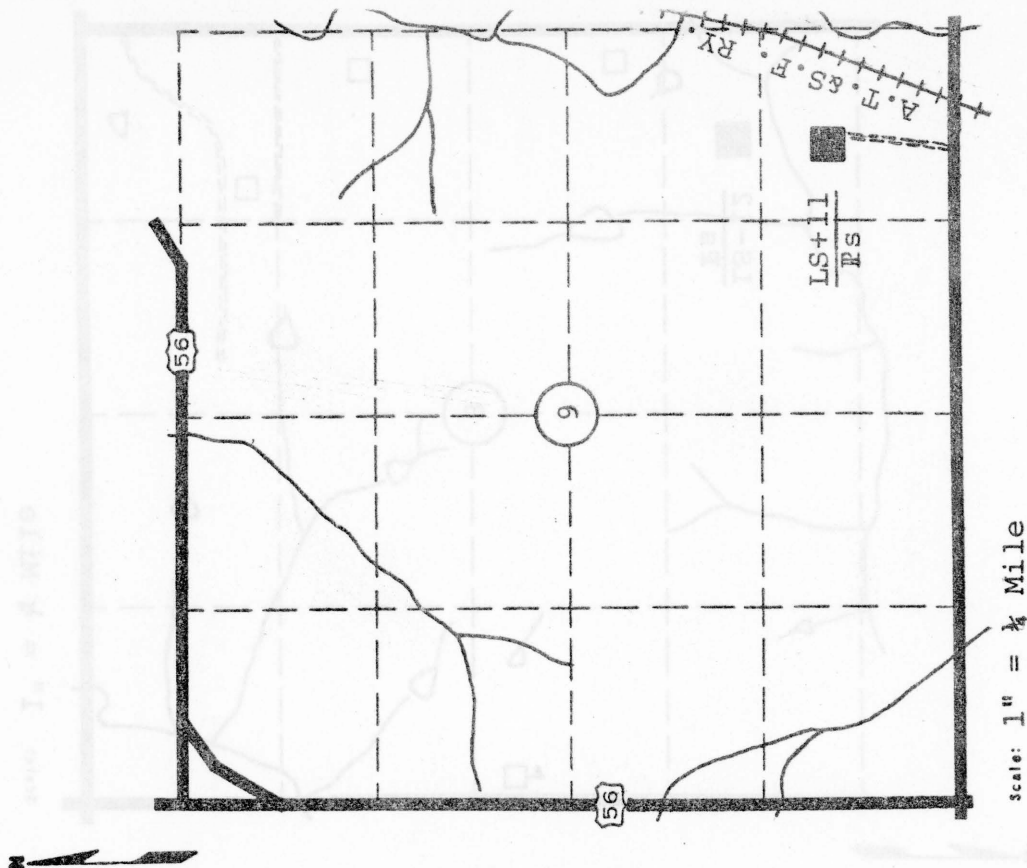
Status of Site Open site; sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material Similar To SHC Lab No. 69-195
Specific Gravity (Sat.) 2.61, 2.60 (Dry) 2.55, 2.54
Los Angeles Wear 29.6 (B)
Absorption 2.29, 2.27 Soundness 0.93
Wt. Cu. Ft. Str. Ratio
Remarks Active



Scale: 1" = $\frac{1}{4}$ Mile

LS-12

EXPLORATION DATA

CORRELATION DATA

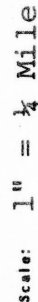
Specific Gravity (Sat.) 2.57, 2.55 (Dry) 2.47, 2.45

Los Angeles West 33.2 33.4

Absorption 3.87, 3.84 Soundness 0.88, 0.88

pt. Cu. Ft. _____

Remarks	Abandoned



LS+13

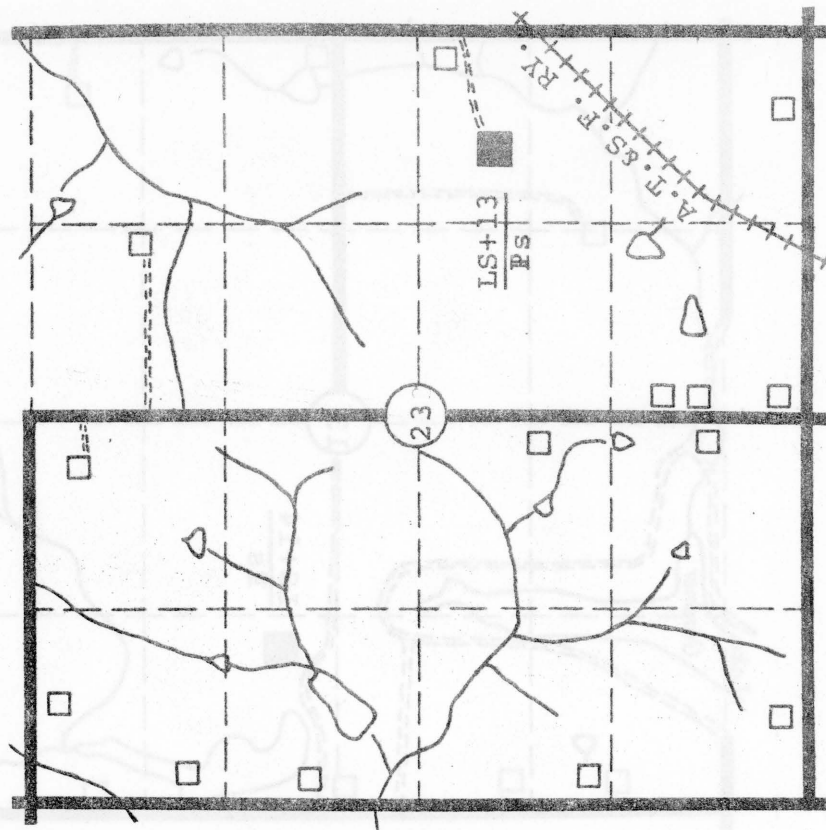
Site No. PS Date May 1970
Material Limestone County Johnson
Location SE $\frac{1}{4}$ Sec. 23 Twp. 13S Range 23E
Owner Charles Boehm Rt. 1 Olathe, Ks.
Name _____ Address _____
Nature of Deposit Dry Accessibility Fair Site Located on Plate IV
Status of Site Open site; sampled

EXPLANATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material Similar To SHC Lab. No. 27248
Specific Gravity (Sat.) 2.62 (Dry) 2.56
Los Angeles Weir 28.7(B)
Absorption 2.27 Soundness 0.96
Wt. Cu.Ft. Str. Ratio
Remarks Abandoned - Construction equipment storage.



Scale: 1" = $\frac{1}{4}$ Mile

MATERIAL SITE DATA FORM

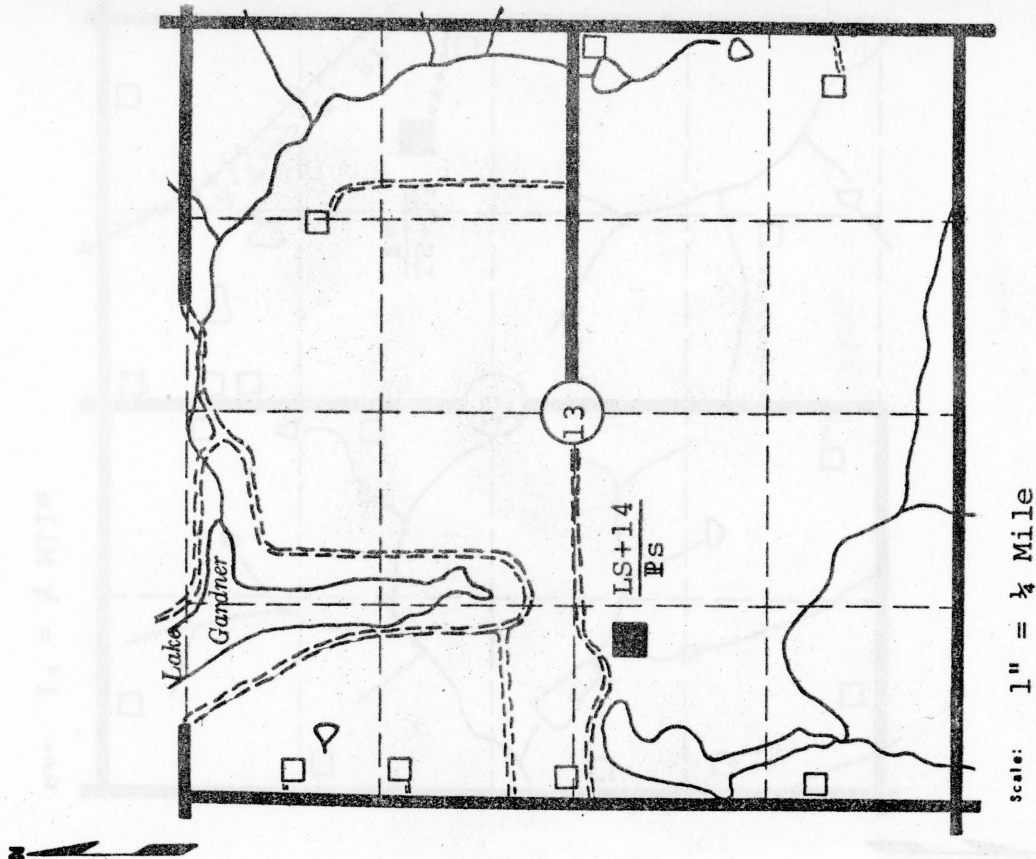
LS+14
PS
 Site No. _____ Date May 1970
 Material Limestone County Johnson
 Location SW¹/₄ Sec. 13 Twp. 14S Range 22E
 Owner Samuel H. Reno Box 4278 Overland Park, Ks.
 Name _____
 Nature of Deposit Dry Accessibility Good Site Located on Plate V
 Status of Site Open site; sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material Similar To SHC Lab No. 65-2934
Specific Gravity (Sat.) 2.62 (Dry) 2.56
Los Angeles Year 28.8(B)
Absorption 2.20 Soundness 0.94
Wt. Cu.Ft. Str. Ratio
Remarks Active



LS+15

Site No. PS Date May 1970
Material Limestone County Johnson
Location NW $\frac{1}{4}$ Sec. 8 Twp. 15S Range 22E
Owner J.A. Beasley, Jr. Box 11 Edgerton, KS.
Name address
Nature of Deposit Dry Accessibility Good Site Located on Plate V
Status of Site Open site; sampled.

[illegible]

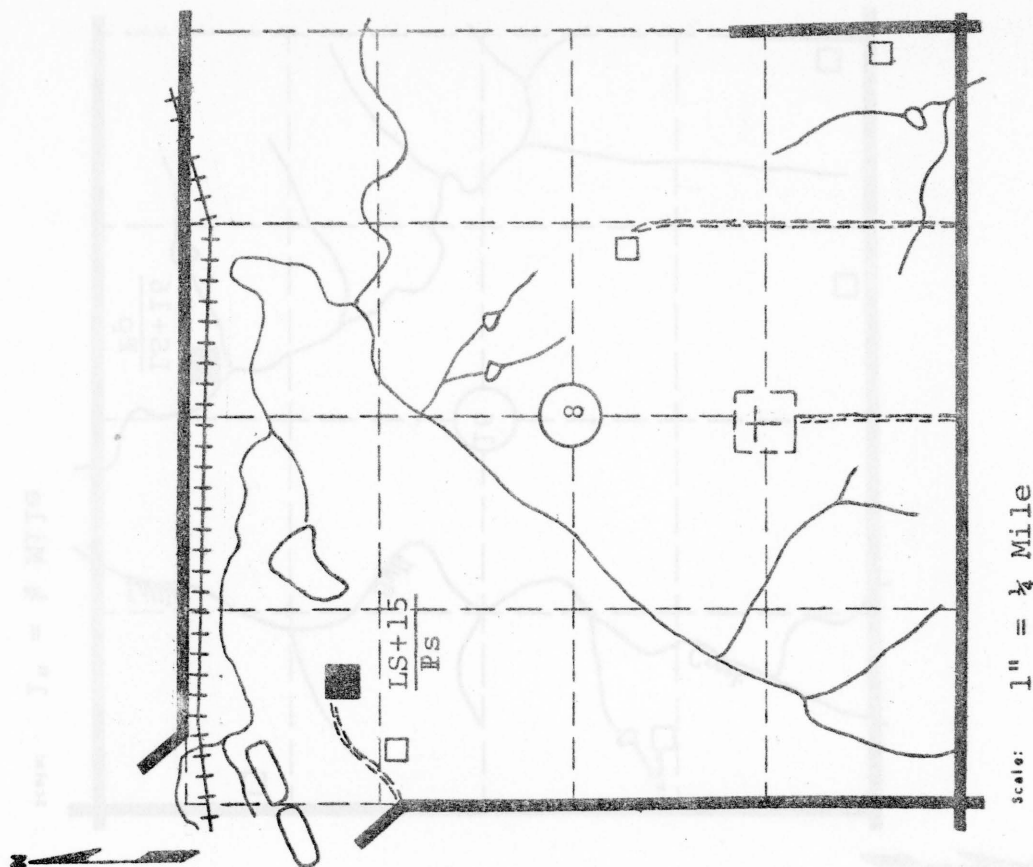
Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material Similar To SHC 619 No. 46-1

Specific Gravity (Sat.) 2.59, 2.65, 2.64, 2.63_{dry} _____

Los Angeles Year 31.0 (A), 32.2 (A), 29.6 (A), 37.7 (A) _____

Absorption 2.08, 1.14, 0.66, 1.13_{soundness} 0.80, 0.88, 0.98, 0.99 _____

Active - Limestone + 15'



Scale: 1" = $\frac{1}{4}$ Mile

MATERIAL SITE DATA FORM

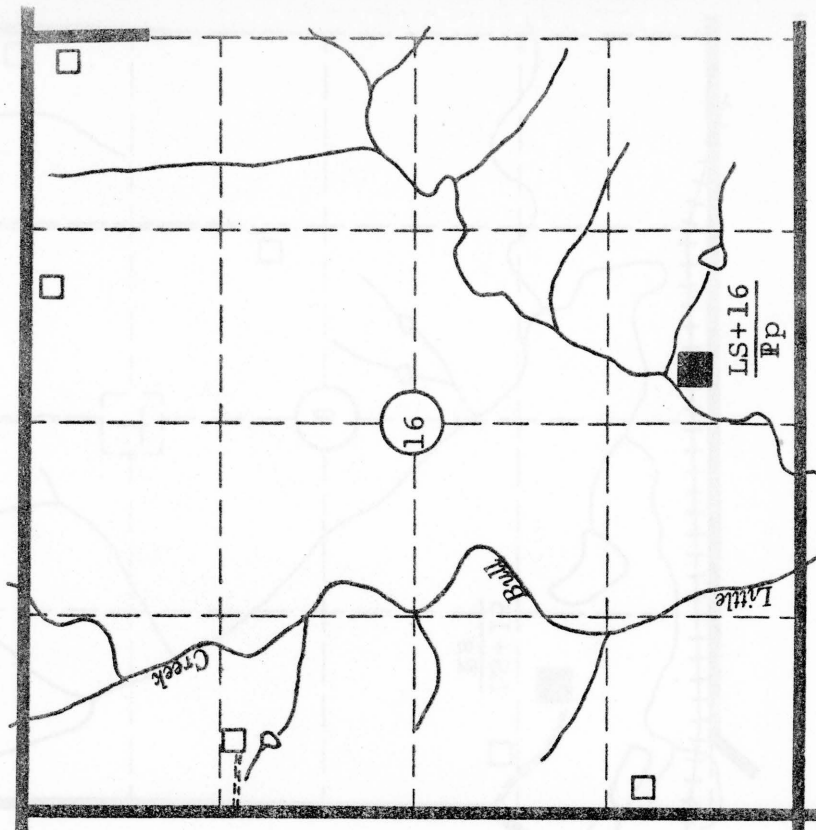
LS+16
Pp
 Site No. _____ Date May 1970
 Material Limestone County Johnson
 Location SE₄ Sec. 16 Twp. 15S Range 23E
 Owner Armour Ramey 7631 Santa Fe Dr. Overland Park, K_s
 name _____ address _____
 Nature of Deposit Dry Accessibility Good Site Located on Plate V
 Status of Site Open site; sampled.

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To SHC 619 No. 46-9
Specific Gravity (Sat.) 2.64, 2.60 (Dry)
Los Angeles Near 27.8(A), 30.6(A)
Absorption 0.97, 1.23 Soundness 0.97, 0.98
Wt. Cu.Ft. Str. Ratio
Remarks Abandoned



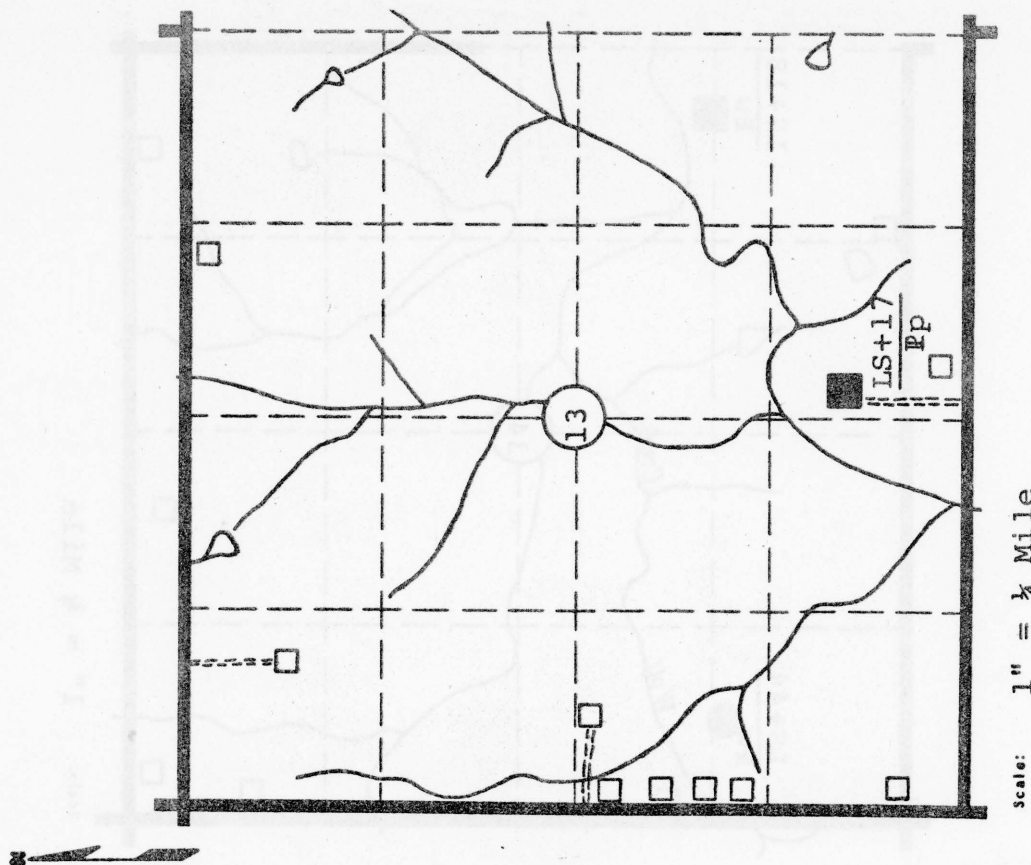
Scale: 1" = $\frac{1}{4}$ Mile

LS+17

EXPLORATION DATA

[illegible]

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To SHC 619 No. 46-6
Specific Gravity (Sat.) 2.60, 2.62 (Dry)
Los Angeles Wear 29.6(A), 29.8(A)
Absorption 1.29, 1.36 Soundness 0.97, 0.97
Wt. Cu.Ft. Str. Ratio
Remarks Abandoned



Scale: 1" = $\frac{1}{4}$ Mile

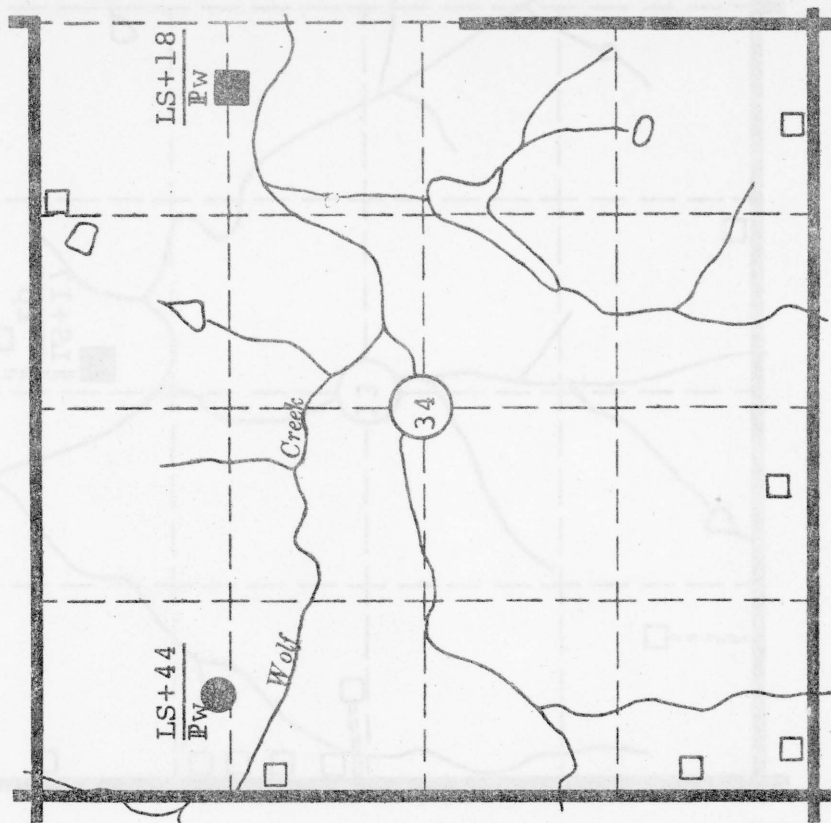
LS+18

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To SHC 619 No. 46-23
Specific Gravity (Sat.) 2.57 (Dry) _____
Los Angeles Weir 34.4 (A)
Absorption 2.82 Soundness 0.95
Wt. Cu.ft. _____ Str. Ratio _____
Remarks Abandoned - Limestone very thick



Scale: 1" = $\frac{1}{4}$ Mile

MATERIAL SITE DATA FORM

LS+19
FW

Site No. _____ Date May 1970

Material Limestone County Johnson

Location NW $\frac{1}{4}$ Sec. 24 Twp. 14S Range 24E

Owner P. J. Tobin Rt. 3 Olathe, Ks.
name address

Nature of Deposit Dry Accessibility Good Site Located on Plate VI

Status of Site Open site; sampled.

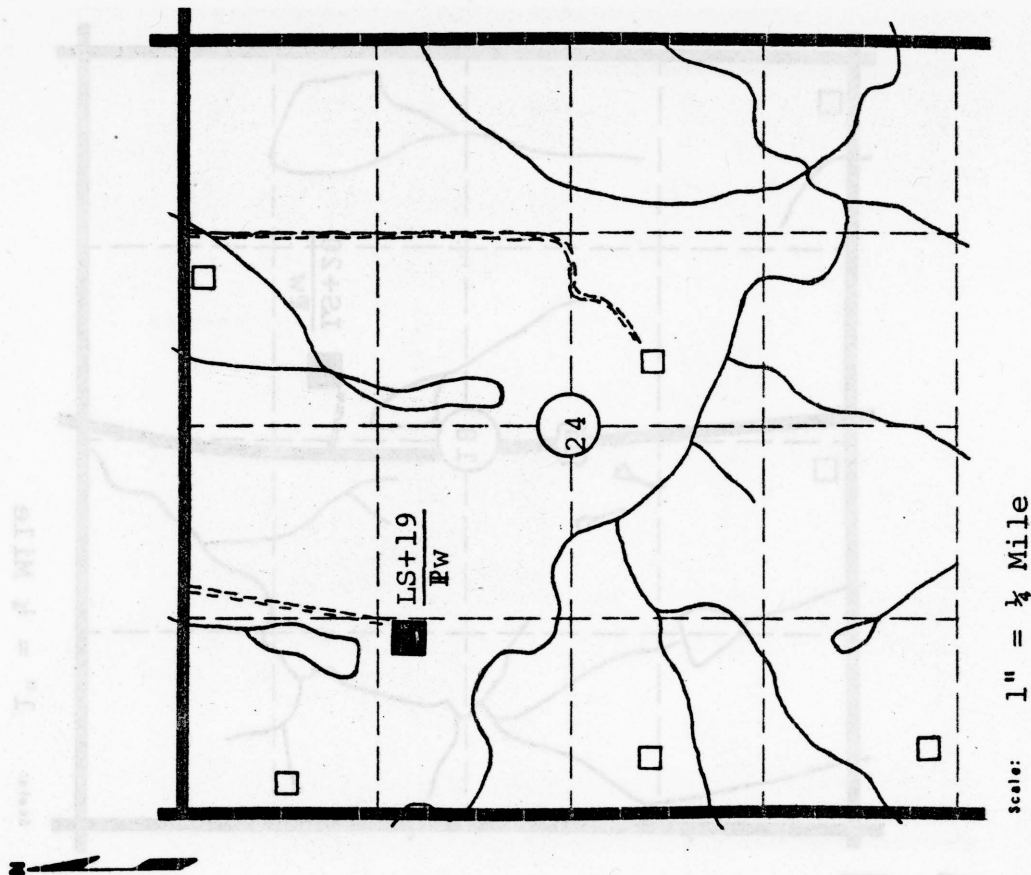
EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material similar to SHC Lab. NO. 66-1136

Specific Gravity (Sat.) 2.64 (Dry) 2.59
Los Angeles Wear 27.2 (B)
Absorption 1.86 Soundness 0.96
Wt. Cu. Ft. Str. Ratio
Remarks Active - Very thick.



LS+20

Site No. PW Date May 1970
Material Limestone County Johnson
Location SE $\frac{1}{4}$ Sec. 18 Twp. 14S Range 25E
Owner Reno Construction Co., Inc. Overland Park, K^{ans}
Name address
Nature of Deposit Dry Accessibility Good Site located on Plate VI
Status of Site Open site; sampled.

[illegible]

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To SHC Lab No. 69-2874

Specific Gravity (Sat.) 2.60, 2.61 2.54, 2.55
(Dry)

Los Angeles Year 30.0(B)

Absorption	2.19, 2.17	Soundness	0.97
------------	------------	-----------	------

wt. Cu.Ft. _____ Str. Ratio _____

Active - Limestone very thick.



$$\frac{LS+21}{PW}$$

Site No. FW Date May 1970
 Material Limestone County Johnson
 Location NW $\frac{1}{4}$ Sec. 28 Twp. 14S Range 25E
 Owner M.H. & F.R. Brown Stillwell, Ks. & J. Brown Below
 name address
 Nature of Deposit Dry Accessibility Poor Site Located on Plate VI
 Status of Site Open site; sampled.

[illegible]

Geological Age Pennsylvanian
Geological Source Wyandotte
Material Similar To SHC 619 No. 46-39

$$\frac{2.56}{2.50} = 1.024$$

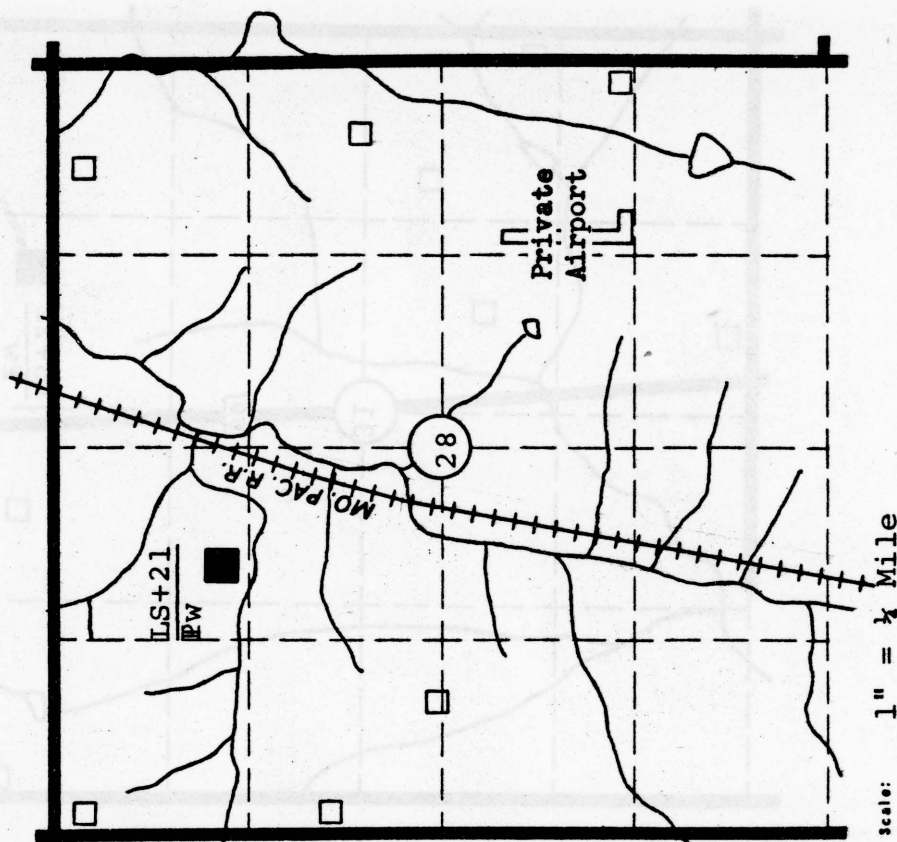
Los Angeles Wear 32.3, 32.0

Absorption	<u>2.37, 2.63</u>	Soundness	<u>0.98</u>
------------	-------------------	-----------	-------------

wt. Cu.ft.	Str. Ratio
100	1.00
200	1.00
300	1.00
400	1.00
500	1.00
600	1.00
700	1.00
800	1.00
900	1.00
1000	1.00
1100	1.00
1200	1.00
1300	1.00
1400	1.00
1500	1.00
1600	1.00
1700	1.00
1800	1.00
1900	1.00
2000	1.00
2100	1.00
2200	1.00
2300	1.00
2400	1.00
2500	1.00
2600	1.00
2700	1.00
2800	1.00
2900	1.00
3000	1.00
3100	1.00
3200	1.00
3300	1.00
3400	1.00
3500	1.00
3600	1.00
3700	1.00
3800	1.00
3900	1.00
4000	1.00
4100	1.00
4200	1.00
4300	1.00
4400	1.00
4500	1.00
4600	1.00
4700	1.00
4800	1.00
4900	1.00
5000	1.00
5100	1.00
5200	1.00
5300	1.00
5400	1.00
5500	1.00
5600	1.00
5700	1.00
5800	1.00
5900	1.00
6000	1.00
6100	1.00
6200	1.00
6300	1.00
6400	1.00
6500	1.00
6600	1.00
6700	1.00
6800	1.00
6900	1.00
7000	1.00
7100	1.00
7200	1.00
7300	1.00
7400	1.00
7500	1.00
7600	1.00
7700	1.00
7800	1.00
7900	1.00
8000	1.00
8100	1.00
8200	1.00
8300	1.00
8400	1.00
8500	1.00
8600	1.00
8700	1.00
8800	1.00
8900	1.00
9000	1.00
9100	1.00
9200	1.00
9300	1.00
9400	1.00
9500	1.00
9600	1.00
9700	1.00
9800	1.00
9900	1.00
10000	1.00

Remarks _____ Abandoned _____

J. Brown 408 Northrop Bldg. K.C., Mo.



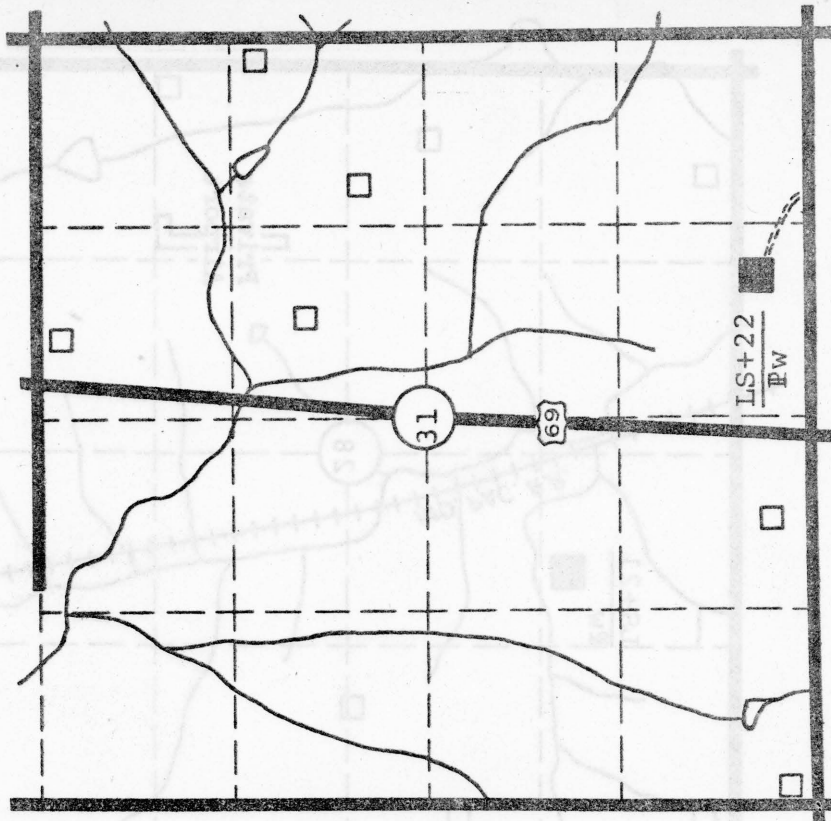
MATERIAL SITE DATA FORM

LS+22
FW
 Site No. _____ Date May 1970
 Material Limestone County Johnson
 Location SE 1/4 Sec. 31 Twp. 14S Range 25E
 Owner Thomas E. Kelly St. Marys College St. Marys, KS
 name _____ address _____
 Nature of Deposit Dry Accessibility Good Site Located on Plate VI
 Status of Site Open site; sampled.

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar to SHC Lab No. 67-964
Specific Gravity (Sat.) 2.56 (Dry) 2.48
Los Angeles Near 33.0 (B)
Absorption 3.03 Soundness 0.99
Wt. Cu. Ft. Str. Ratio
Remarks Active



scale: 1" = $\frac{1}{4}$ Mile

OPEN MATERIALS SITES; NOT SAMPLED

LEGEND

==--==	Trail or lane	●	Open materials sites; not sampled
—	Road	■	Open materials sites; sampled
+++++	Railroad	●	Prospective materials sites; not sampled
~~~~~	Hedge or trees	23	Center of section
~~~~~	Major streams	□	Dwelling
~~~~~	Intermittent streams	+	Cemetery
~~~~~	Pond or lake	⌂	School
		⌂	Church
		□	Town or city

MATERIAL SITE DATA FORM

LS+23
PS

Site No. _____ Date May 1970

Material Limestone County Johnson

Location SW $\frac{1}{4}$ Sec. 29 Twp. 12S Range 22E

Owner Paul T. Haake 2337 W 98th Leawood, Ks.
name address

Nature of Deposit Dry Accessibility Good Site Located on Plate I

Status of Site Open site; not sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner and Captain Creek)

Materials Similar To

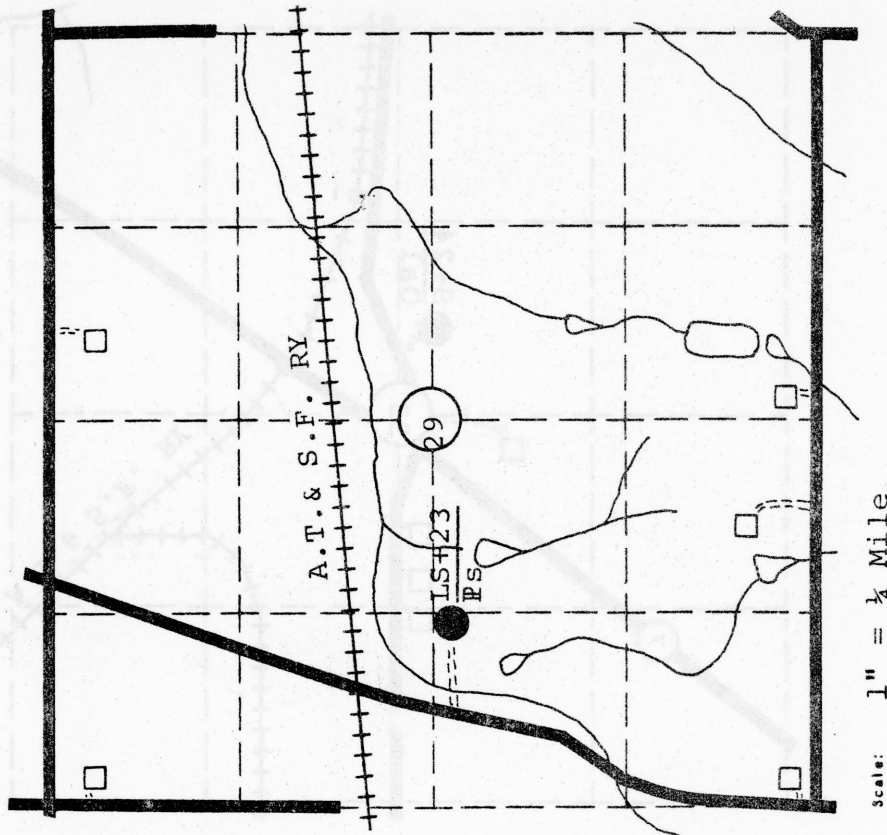
Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Wear

[illegible]

Wt. Cu. Ft.	Str. Ratio
100	1.00
200	1.00
300	1.00
400	1.00
500	1.00
600	1.00
700	1.00
800	1.00
900	1.00
1000	1.00
1100	1.00
1200	1.00
1300	1.00
1400	1.00
1500	1.00
1600	1.00
1700	1.00
1800	1.00
1900	1.00
2000	1.00
2100	1.00
2200	1.00
2300	1.00
2400	1.00
2500	1.00
2600	1.00
2700	1.00
2800	1.00
2900	1.00
3000	1.00
3100	1.00
3200	1.00
3300	1.00
3400	1.00
3500	1.00
3600	1.00
3700	1.00
3800	1.00
3900	1.00
4000	1.00
4100	1.00
4200	1.00
4300	1.00
4400	1.00
4500	1.00
4600	1.00
4700	1.00
4800	1.00
4900	1.00
5000	1.00
5100	1.00
5200	1.00
5300	1.00
5400	1.00
5500	1.00
5600	1.00
5700	1.00
5800	1.00
5900	1.00
6000	1.00
6100	1.00
6200	1.00
6300	1.00
6400	1.00
6500	1.00
6600	1.00
6700	1.00
6800	1.00
6900	1.00
7000	1.00
7100	1.00
7200	1.00
7300	1.00
7400	1.00
7500	1.00
7600	1.00
7700	1.00
7800	1.00
7900	1.00
8000	1.00
8100	1.00
8200	1.00
8300	1.00
8400	1.00
8500	1.00
8600	1.00
8700	1.00
8800	1.00
8900	1.00
9000	1.00
9100	1.00
9200	1.00
9300	1.00
9400	1.00
9500	1.00
9600	1.00
9700	1.00
9800	1.00
9900	1.00
10000	1.00

Beats Abandoned

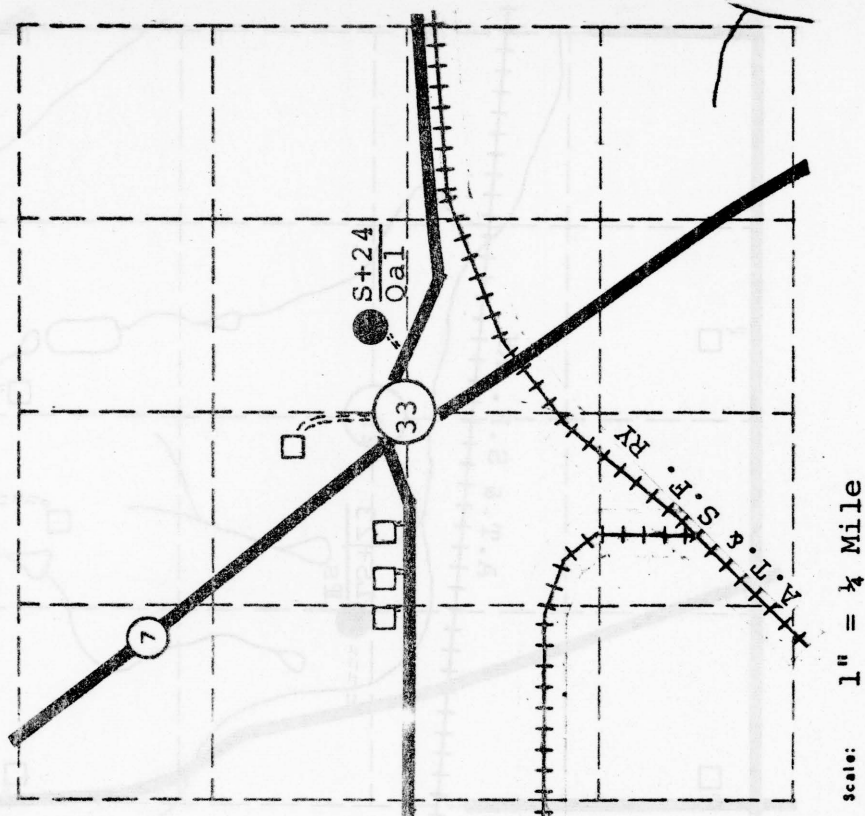


Scale: 1" = $\frac{1}{4}$ Mile

S+24
Qal
 Site No. date May 1970
 Material Sand county Johnson
 NE 4 sec. 33 Twp. 11S Range 23E
 Owner Pansy Mae Theden ^{name} Bonner Springs, ^{address} Ks. Box 92
 Nature of Deposit Dry Accessibility Good Site Located on Plate I
 Status of Site Open site; not sampled.

[illegible]

Geological Age Quaternary
Geological Source Alluvium
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wet. Cu.Ft. _____ Str. Ratio _____
Remarks Active



MATERIAL SITE DATA FORM

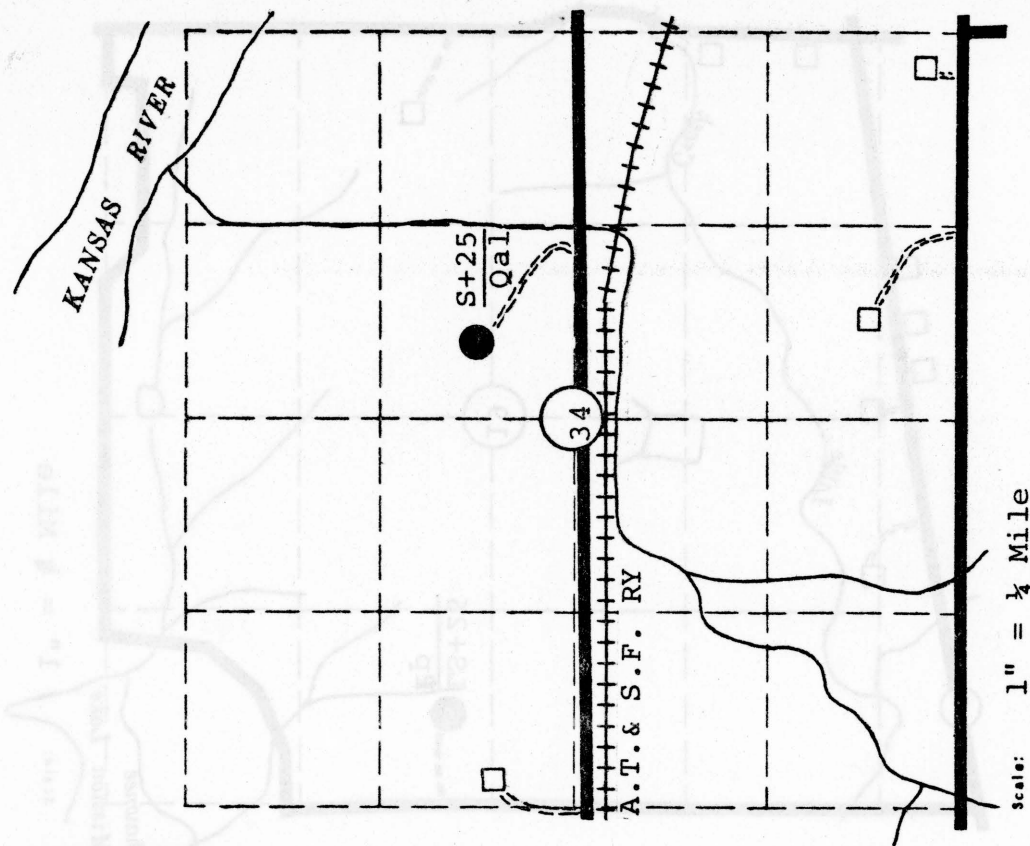
S+25
Qa1
Site No. _____ Date _____ May 1970
Material _____ Sand _____ County _____ Johnson _____
Location _____ NEk _____ Sec. _____ 34 _____ Twp. _____ 11S _____ Range _____ 23E _____
Owner _____ Edward O. Garrett Rt. 2 Box 22 Bonner Springs, ^{address} KS.
Nature of Deposit _____ Dry _____ Accessibility _____ Good _____ Site Located on Plate _____ I _____
Status of Site _____ Open site; not sampled. _____

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Quaternary
Geological Source Alluvium
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
wt. Co.ft. _____ Str. Ratio _____
Remarks Active



MATERIAL SITE DATA FORM

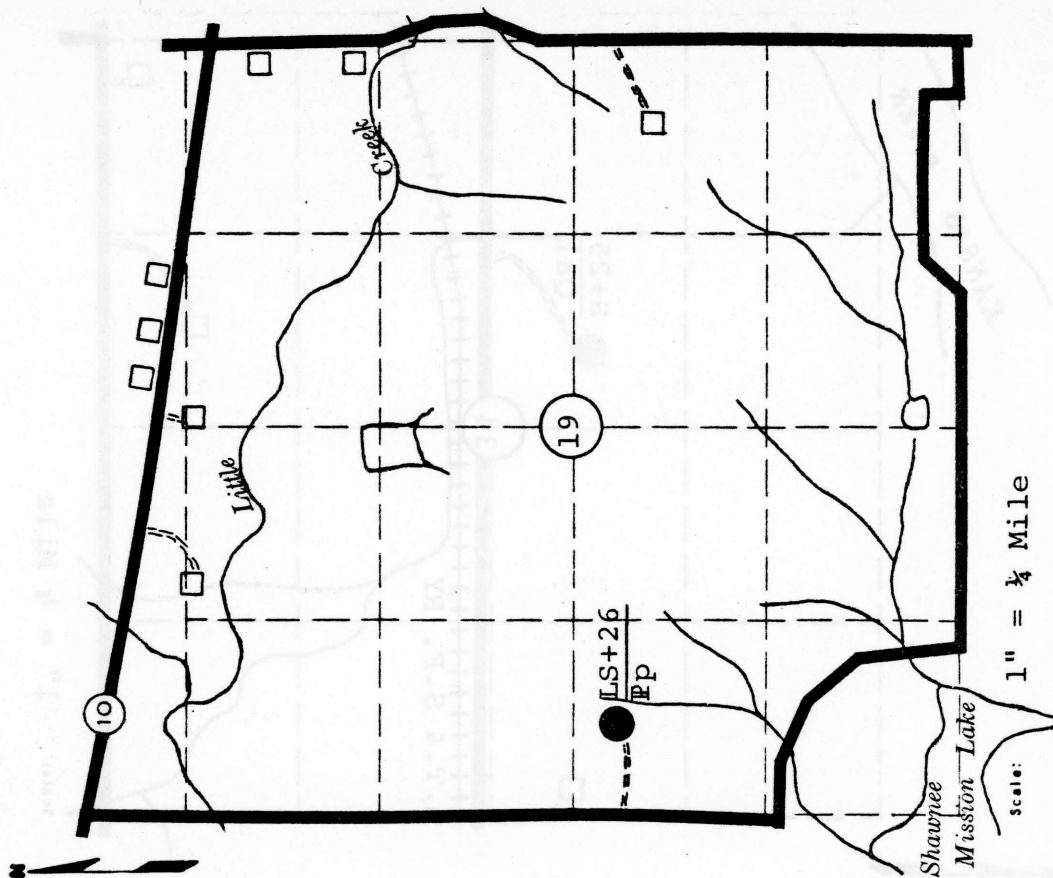
LS+26
Fp
Site No. _____ Date May 1970
Material Limestone County Johnson
Location SW $\frac{1}{4}$ Sec. 19 Twp. 12S Range 24E
Owner D. Van Lerberg, Etal 11104 W.63rd Overland Park,
name address Ks.
Nature of Deposit Dry Accessibility Good Site Located on Plate II
Status of Site Open site; not sampled

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu.Ft. _____ Str. Ratio _____
Remarks Appears to have been used for rip-rap at Shawnee Mission Lake. (Abandoned)



LS-27

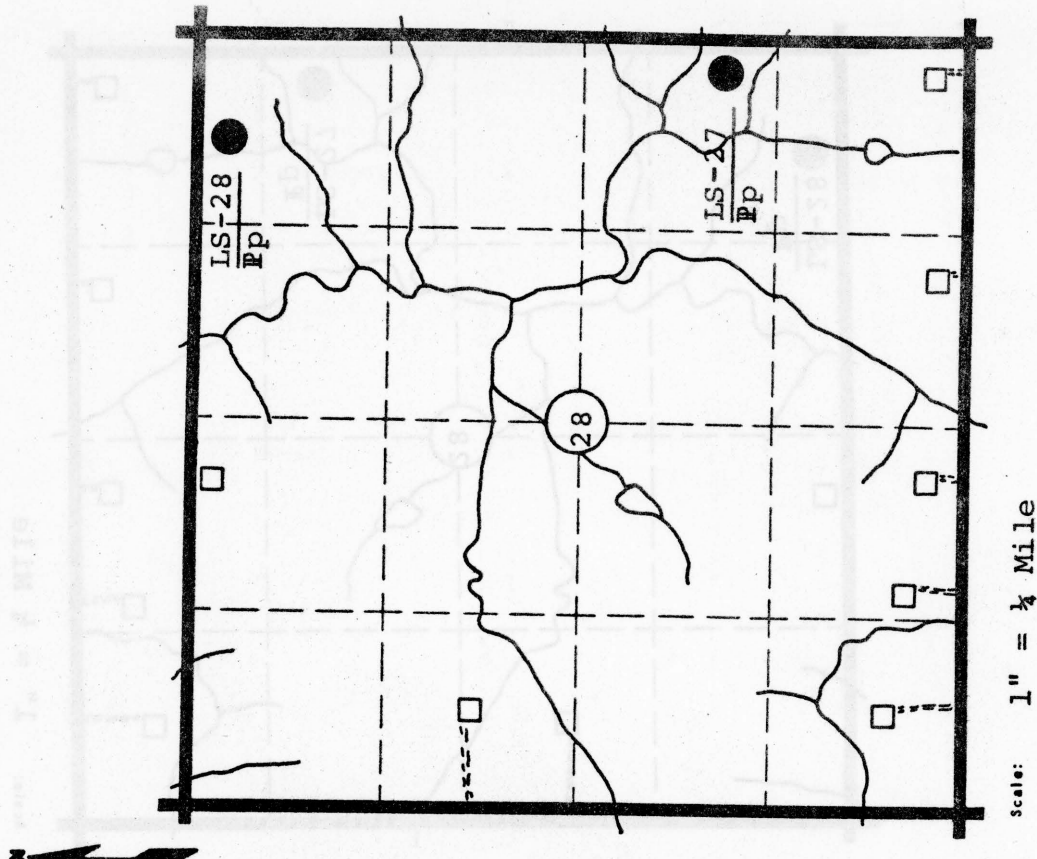
EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____

Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Co. Ft. _____ Str. Ratio _____
Remarks Abandoned - small quarry.



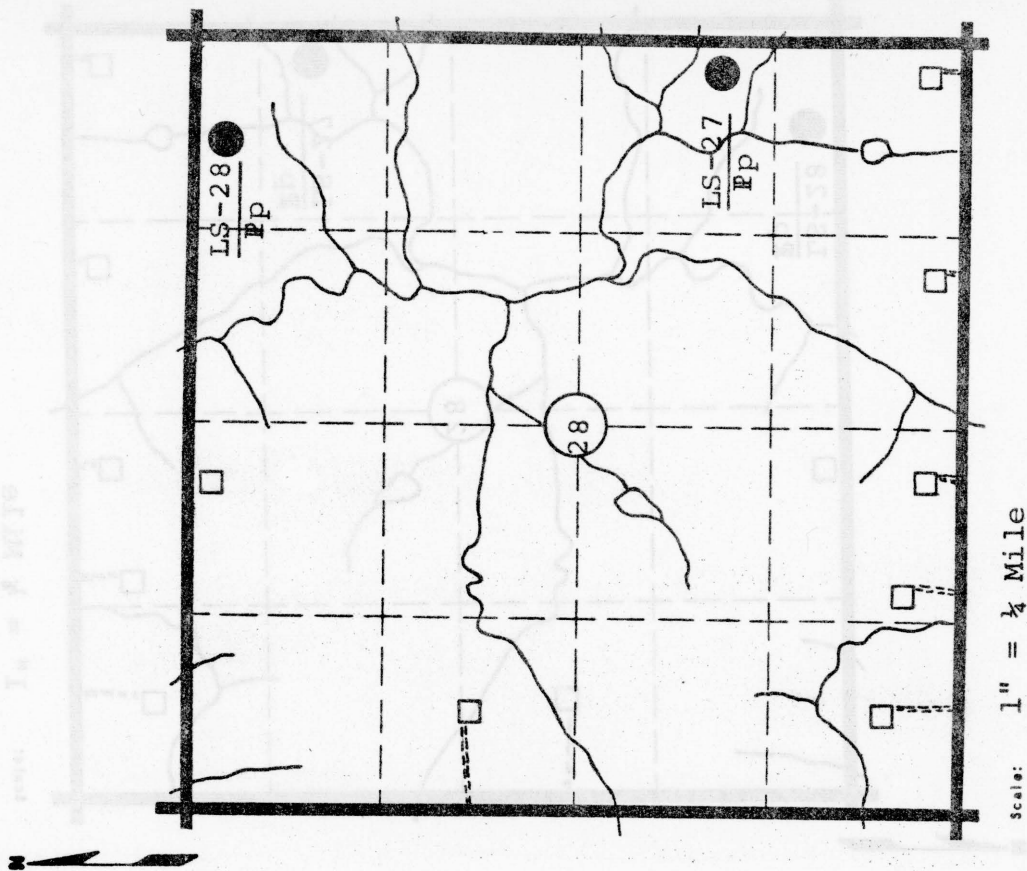
Scale: 1" = $\frac{1}{4}$ Mile

LS-28

EXPLORATION DATA

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Loc. Los Angeles Near _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Abandoned-small quarry.
220 Admiral Blvd. K.C., Mo.



Scale: 1" = $\frac{1}{4}$ Mile

LS+29
Fp

Site No. _____ Date May 1970

Material Limestone County Johnson

Location SE $\frac{1}{4}$ Sec. 31 Twp. 12S Range 24E

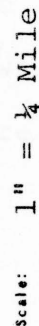
Owner William Scherman, Etal. 9300 Renner Rd., Lenexa, KS
name address

Nature of Deposit Dry Accessibility Good Site Located on Plate II

Status of Site Open site; not sampled.

[illegible]

Geological Age Pennsylvanian
 Geological Source Plattsburg
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Mt. Cu. Ft. _____ Str. Ratio _____
 Remarks Used primarily for rip-rap & building stone.
(retaining walls, patio floors, buildings)



MATERIAL SITE DATA FORM

LS-30

Site No. Pp Date May 1970

Material Limestone County Johnson

Location NE $\frac{1}{4}$ Sec. 4 Twp. 12S Range 24E

owner Paul R. & M. Huffman 7500 Renner Rd. Lenexa, Ks.
name address

Nature of Deposit Dry Accessibility Poor Site Located on Plate II

Status of Site _____
Open site; not sampled.

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian

Plattsburg

Material Similar To

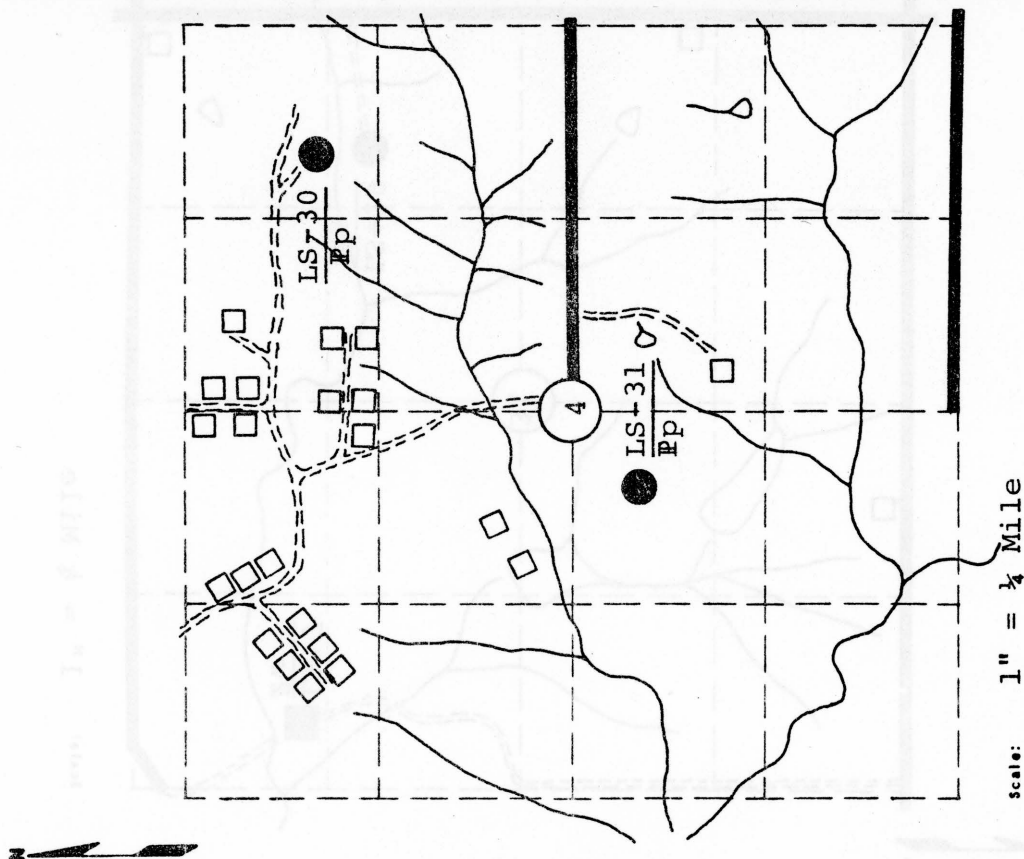
Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Near _____

Absorption	Soundness
------------	-----------

wt. Cu. Ft. _____ Str. Ratio _____

Abandoned & filled with trash.



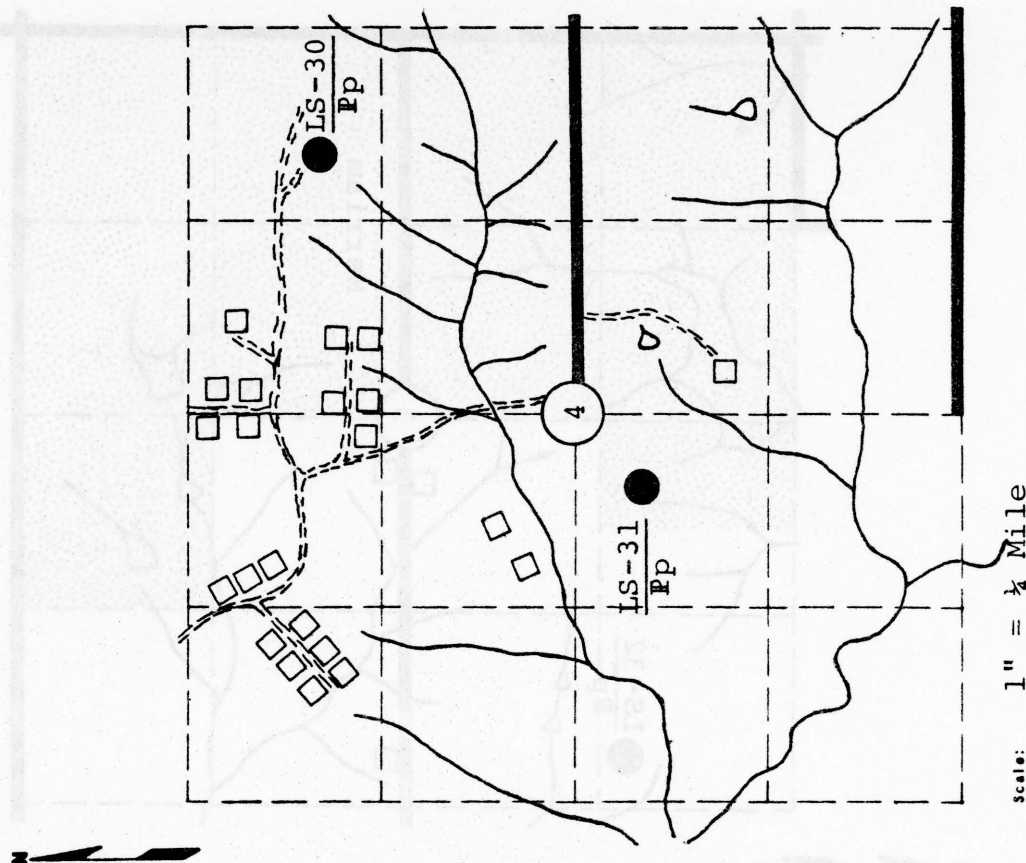
LS-31
Pp

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Locales Near Los Angeles _____
Absorption _____ Soundness _____
wt. Cu. ft. _____ Str. Ratio _____
Remarks Small abandoned quarry.

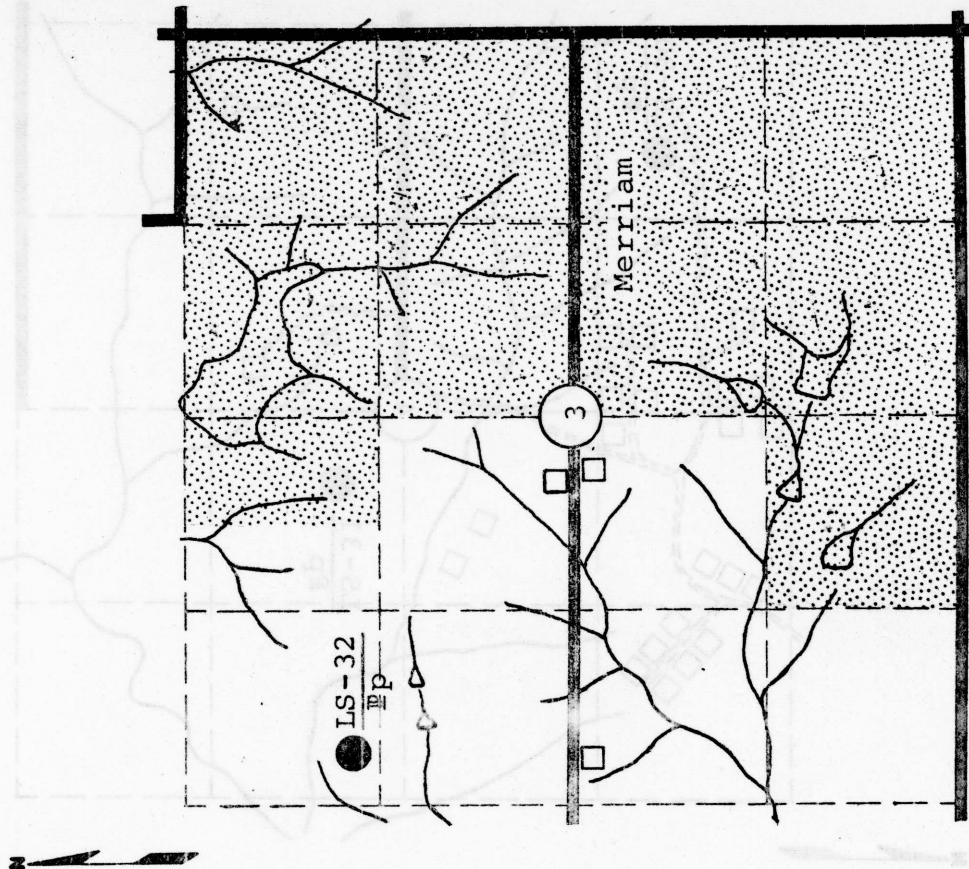


LS-32

EXPLORATION DATA

CORRELATION DATA

Scale: 1" = 1/4 Mile



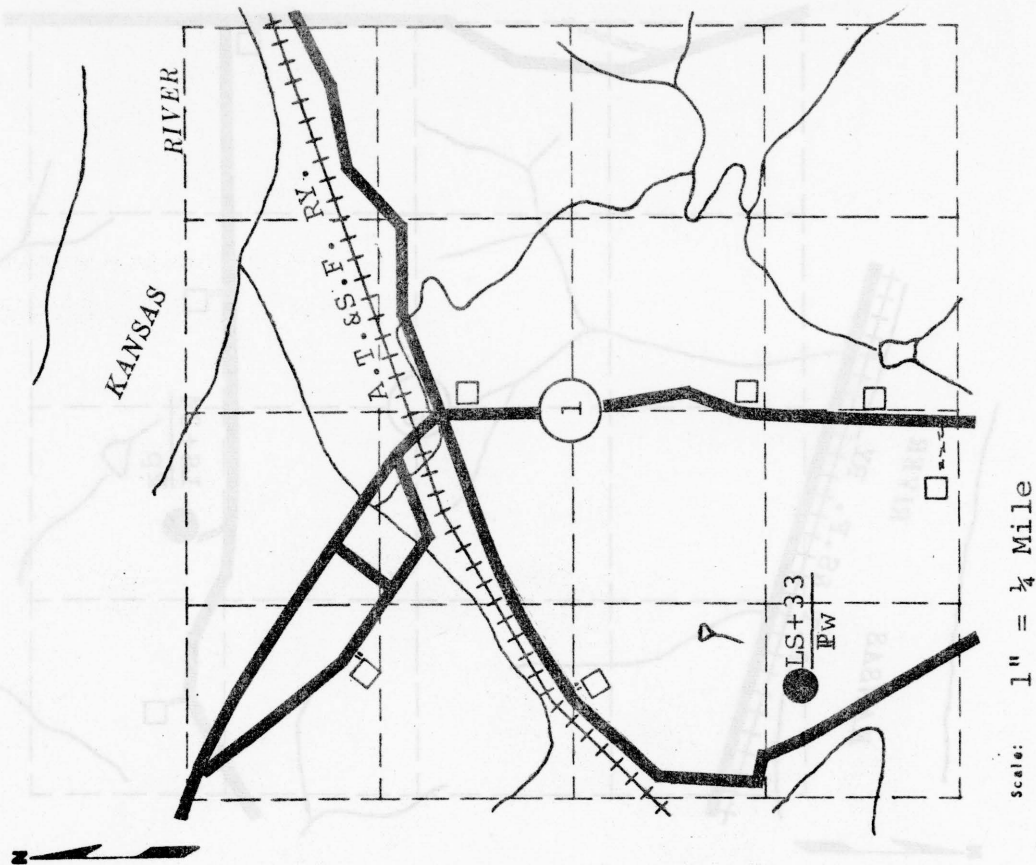
LS+33

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu.ft. _____ Str. Ratio _____
Remarks Abandoned



2

Mav 1970

County _____ Johnson _____

5 12S 24F

C. Mo.

Fair Site Located on Plate

~~Open site; not sampled.~~

EXPLORATION DATA

CORRELATION DATA

Pennsylvania

Plattsburg.

Material Similar To

(Dry) -

Los Angeles Wear -

Soundness

Str. Ratio

Remarks:



MATERIAL SITE DATA FORM

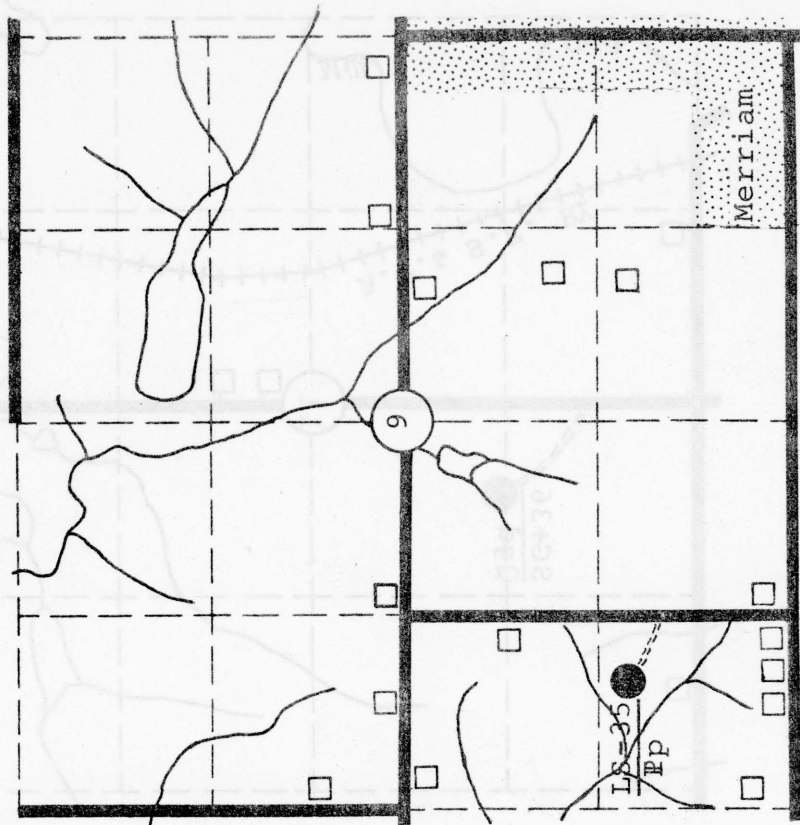
LS-35
Site No. Pp Date May 1970
Material Limestone County Johnson
Location SW $\frac{1}{4}$ Sec. 9 Twp. 12S Range 24E
Owner Harold F. Rosenau 14820 W. 63rd Shawnee, Ks.
name
Nature of Deposit Dry Accessibility Good Site Located on Plate II
Status of Site Open site; not sampled.

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Weir _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks _____



Scale: 1" = $\frac{1}{4}$ Mile

MATERIAL SITE DATA FORM

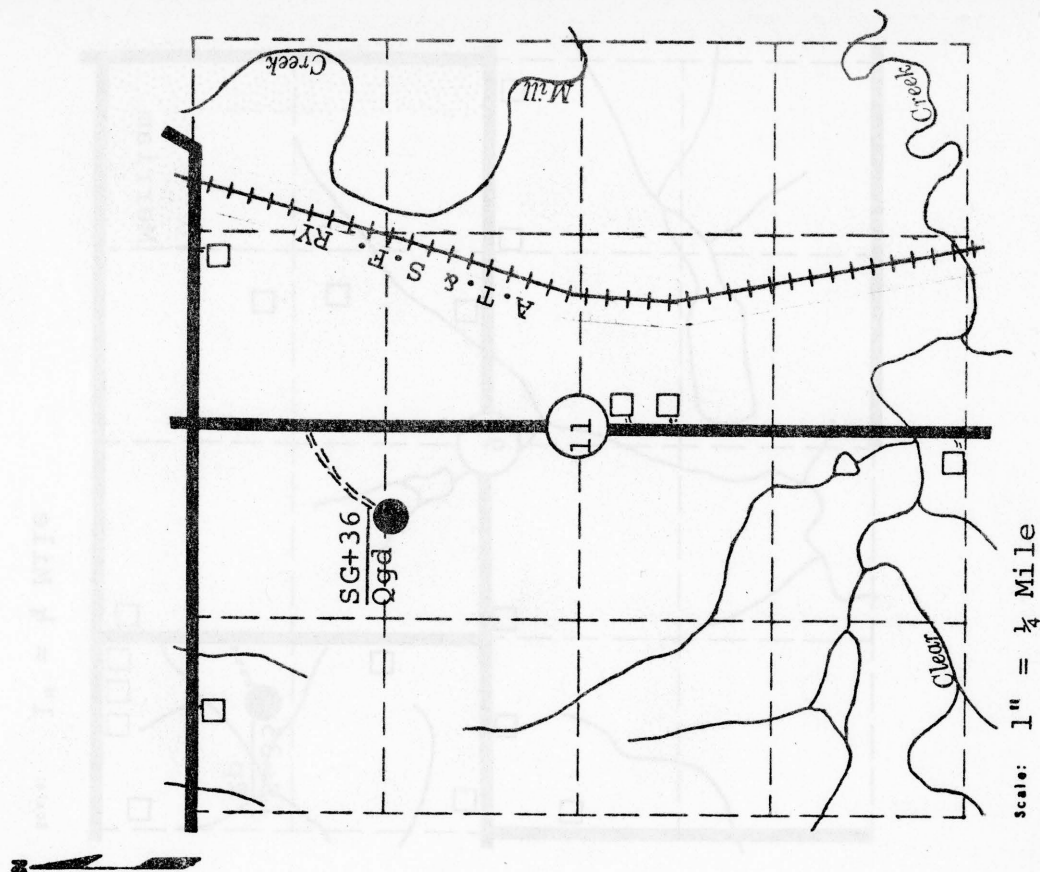
SG-36
Site No. Qgd Date May 1970
Material Sand & Gravel County Johnson
Location NW $\frac{1}{4}$ Sec. 11 Twp. 12S Range 23E
Owner List & Clark Constr. 6811 W. 63rd Overland Park, ^{name} KS
Nature of Deposit Dry Accessibility Good Site Located on Plate II
Status of Site Open site; not sampled.

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age — Quaternary —
Geological Source — Glacial Drift —
Material Similar To —
Specific Gravity (Sat.) — (Dry) —
Los Angeles Wear —
Absorption — Soundness —
Wt. Cu.Ft. — Str. Ratio —
Remarks — Abandoned —

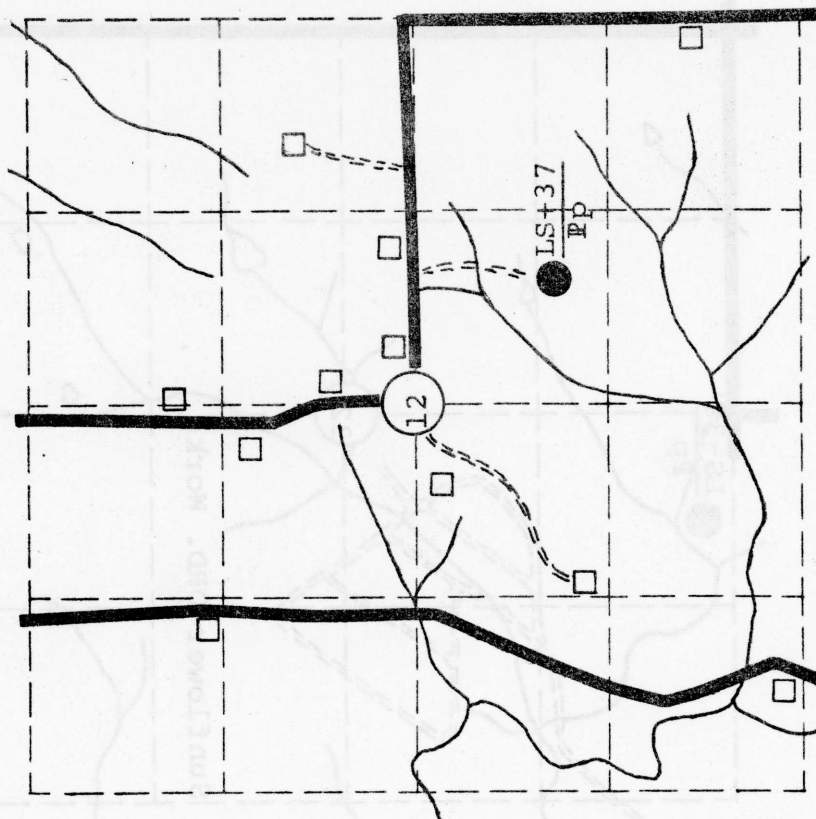


LS+37

EXPLANATION DATA

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Material used for building stone only.
Active _____



Scale: 1" = $\frac{1}{4}$ Mile

LS-38

Site No. Ep Date May 1970

Material Limestone County Johnson

Location NW $\frac{1}{4}$ Sec. 32 Twp. 13S Range 22E

Donor U.S.A. name _____ address _____

Nature of Deposit Dry Accessibility Fair Site Located on Plate III

Status of Site Open site; not sampled.

EXPLCRATION DATA

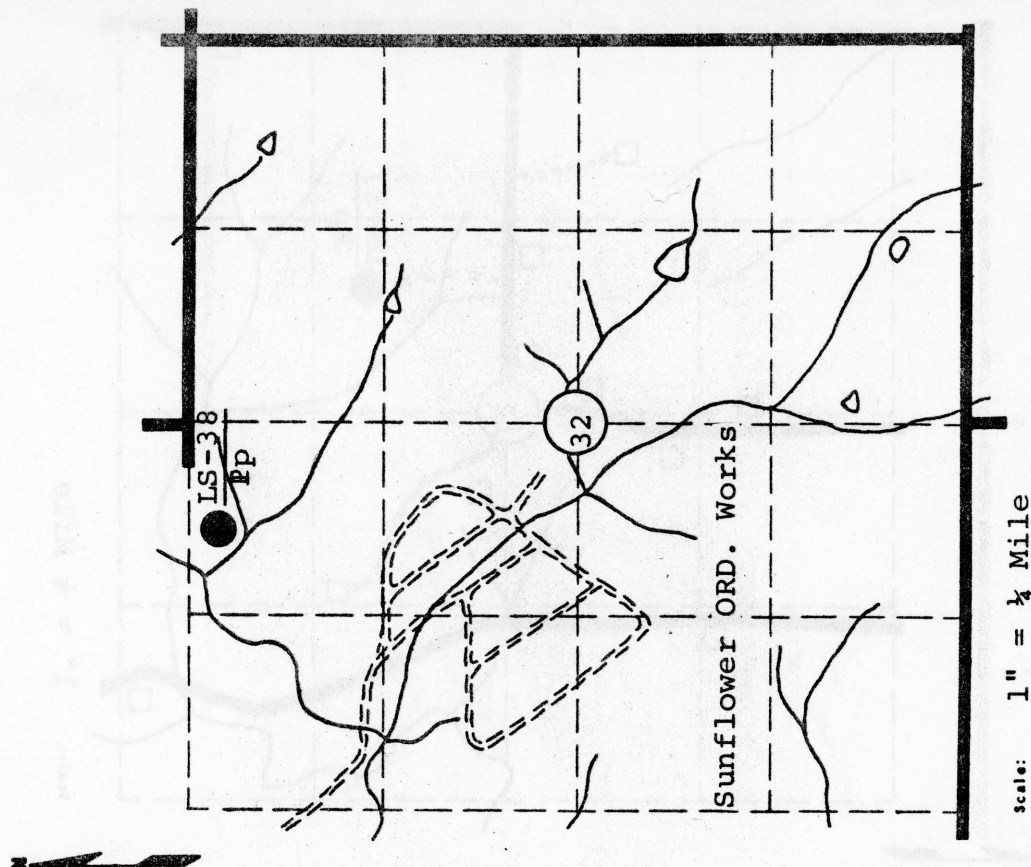
[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Plattsburg Formation
Material Similar To _____

Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu.Ft. _____ Str. Ratio _____
Remarks _____



Scale: 1" = $\frac{1}{4}$ Mile

LS+39

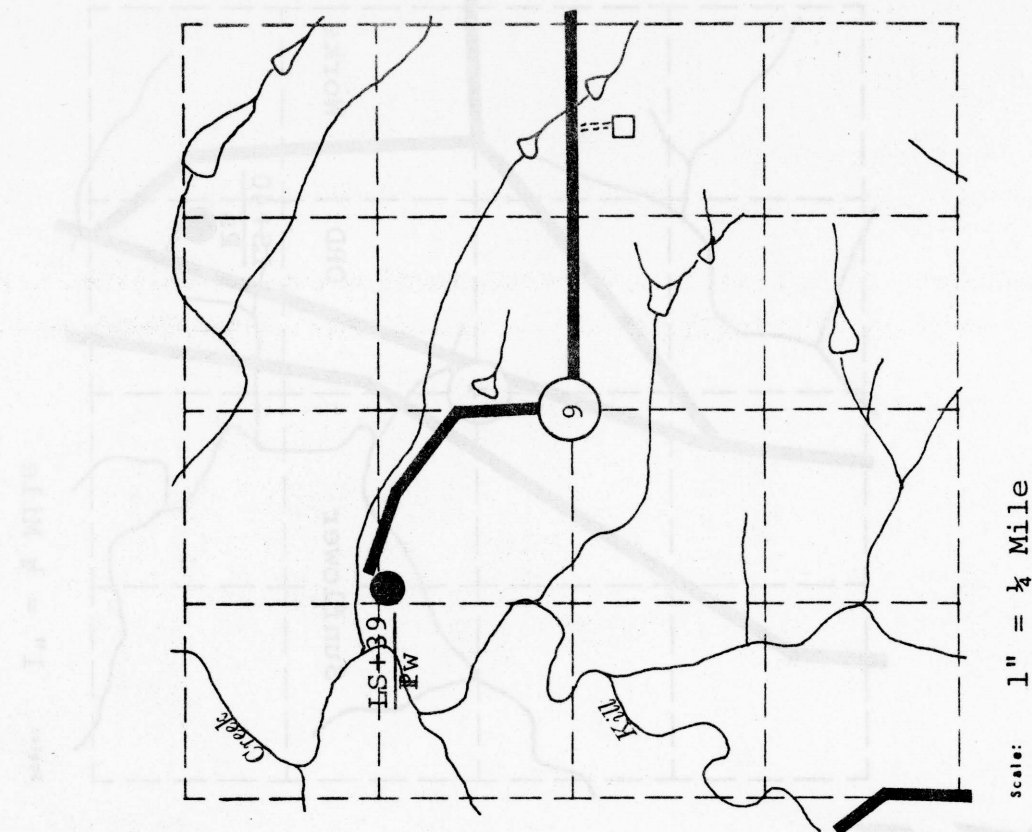
Site No. FW Date May 1970
Material Limestone County Johnson
Location NW $\frac{1}{4}$ Sec. 9 Twp. 13S Range 22E
Owner Harry Darby 333 N. 6th K.C., Ks.
Nature of Deposit Dry Accessibility Good Site Located on Plate III
Status of Site Open site; not sampled.

EXPLORATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Abandoned - Limestone + 40' thick.



Scale: 1" = $\frac{1}{4}$ Mile

LS+40

Site No. ES Date May 1970
Material Limestone County Johnson
Location SE $\frac{1}{4}$ Sec. 24 Twp. 13S Range 21E
Owner U.S.A. name _____ address _____
Nature of Deposit Dry Accessibility Good Site Located on Plate III
Status of Site Open site; not sampled.

[illegible]

Geological Age — Pennsylvanian

Stanton Formation

Material Similar To _____

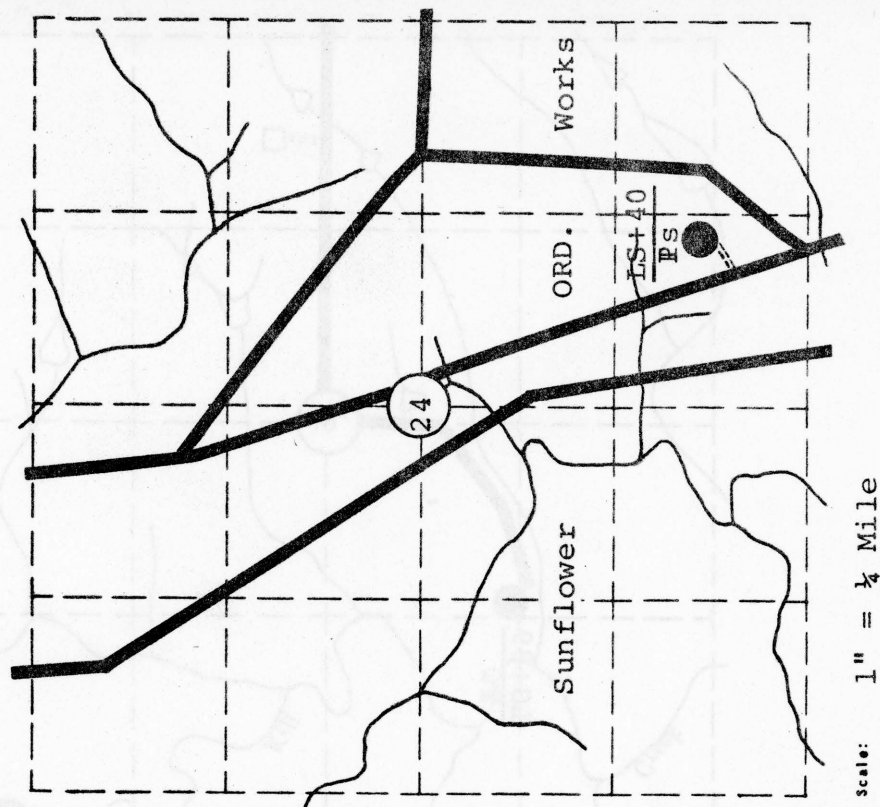
Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Dear _____

Absorption	Soundness
_____	_____

Wt. Cu. Ft. _____ Str. Ratio _____

Remarks



scale: 1" = $\frac{1}{4}$ Mile

LS+41

EXPLORATION DATA

CORRELATION DATA

83

LS+42

Site No. PS Date May 1970

Material Limestone County Johnson

Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3 Twp. 14S Range 23E

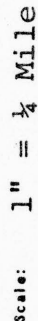
Owner R. R. Osborne, Etal. Box 388 Olathe, Ks.
name address

Nature of Deposit Dry Accessibility Good Site located on Plate III

Status of Site Open site; not sampled.

[illegible]

Geological Age Pennsylvanian
Geological Source Stanton Formation (Stoner)
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu.Ft. _____ Str. Ratio _____
Remarks Abandoned

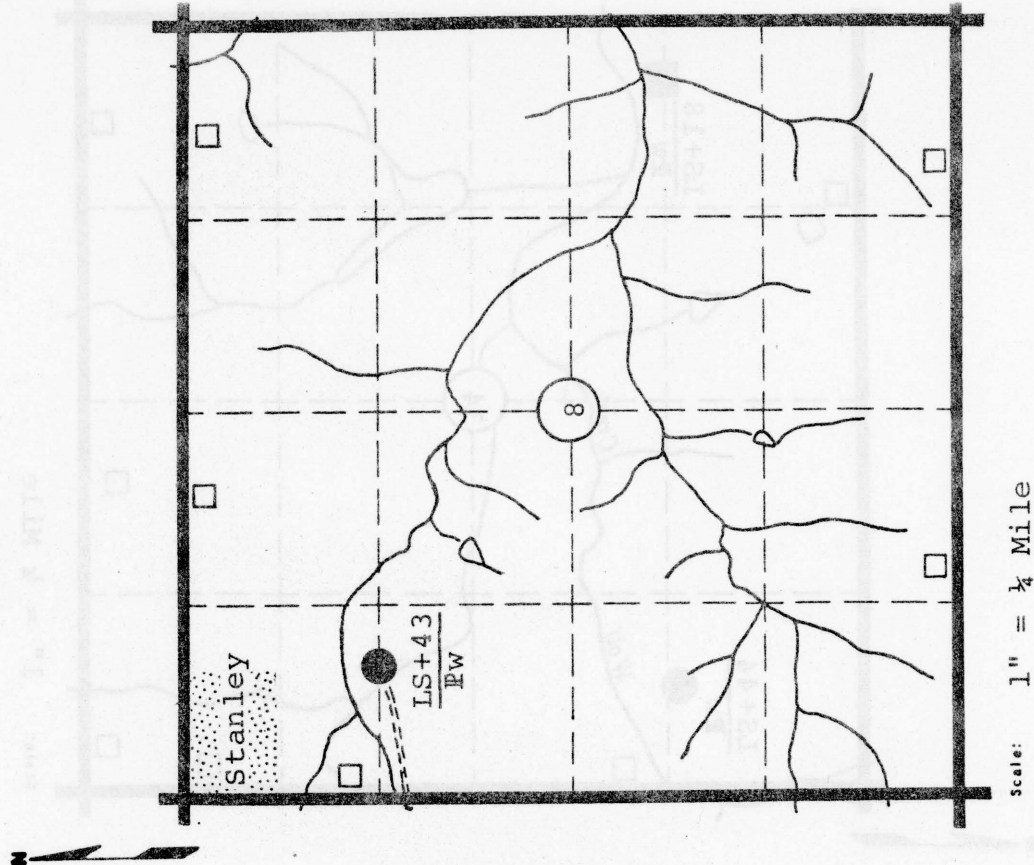


$$\frac{LS+43}{PW}$$

EXPLORATION DATA

[illegible]

Geological Age Pennsylvanian
Geological Source Wyandotte Formation
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Los Angeles Wear _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Avandoned - +20' thick.



MATERIAL SITE DATA FORM

PW

Limestone Johnson

Location NW $\frac{1}{4}$ Sec. 34 Twp. 14S Range 24E

Nature of Deposit Dry Accessibility Fair Site Located on Plate VI

Status of Site Open site; not sampled.

[illegible]

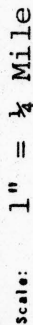
Geological Age — Pennsylvanian

Material Similar To _____

Los Angeles Near _____

t. Cu. Ft. _____ Str. Ratio _____

Remarks _____



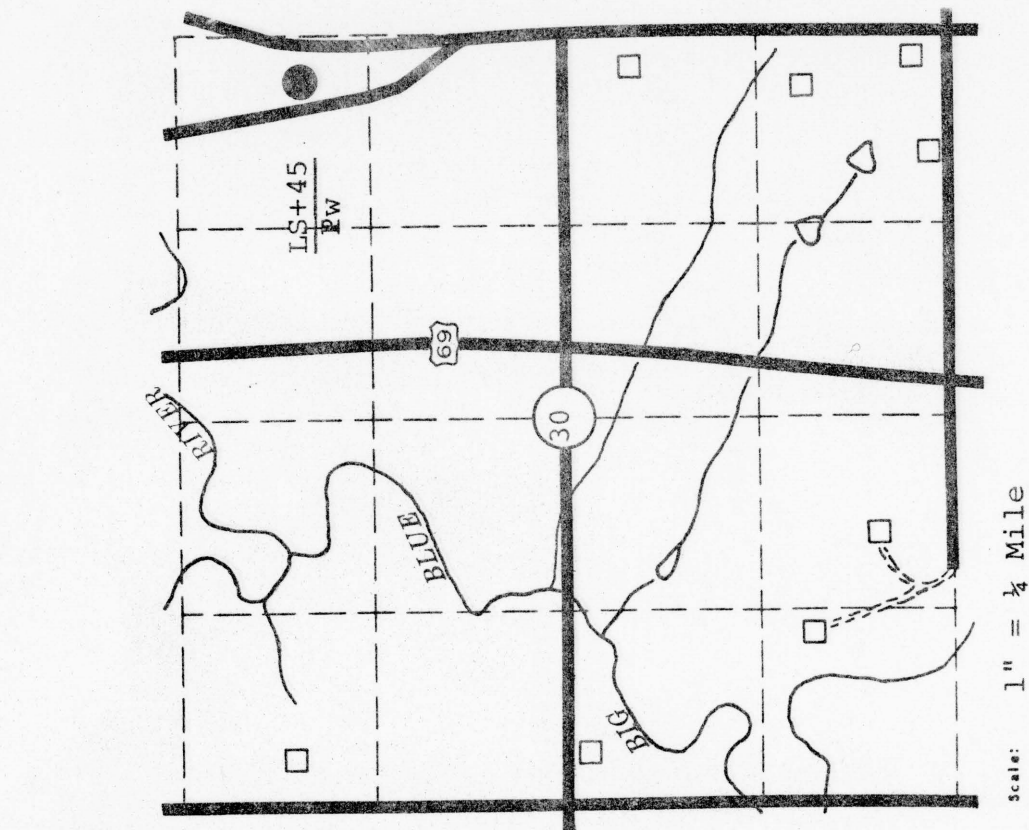
$$\underline{LS+45}$$

EXPLCATION DATA

[illegible]

CORRELATION DATA

Geological Age Pennsylvanian
Geological Source Wyandotte
Material Similar To _____
Specific Gravity (Sat.) _____ (Dry) _____
Loc Angeles Near _____
Absorption _____ Soundness _____
Wt. Cu. Ft. _____ Str. Ratio _____
Remarks Abandoned - Limestone very thick.



Scale: 1" = $\frac{1}{4}$ Mile

PROSPECTIVE MATERIALS SITES; NOT SAMPLED

LEGEND

Trail or lane			Prospective materials sites; not sampled
Road			Open materials sites; sampled
Railroad			Open materials sites; not sampled
Hedge or trees			Center of section
Major streams			Dwelling
Intermittent streams			Cemetery
Pond or lake			School
			Church
			Town or city

$$\frac{SG+46}{Qgd}$$

May 1970

Material Sand & Gravel County Johnson

Location SW $\frac{1}{4}$ Sec. 26 Twp. 13S Range 21E

Number: H.A. Jones, Etal. 104 S. Bdwy. Wichita, Ks. (See be
address

Nature of Deposit Dry Accessibility Good Site Located on Plate III

STATUS OF SITE _____ Prospective site; not sampled.

[illegible]

Quaternary

Geological Source

Material Similar To _____

Specific Gravity (Sat.) _____ (Dry) _____

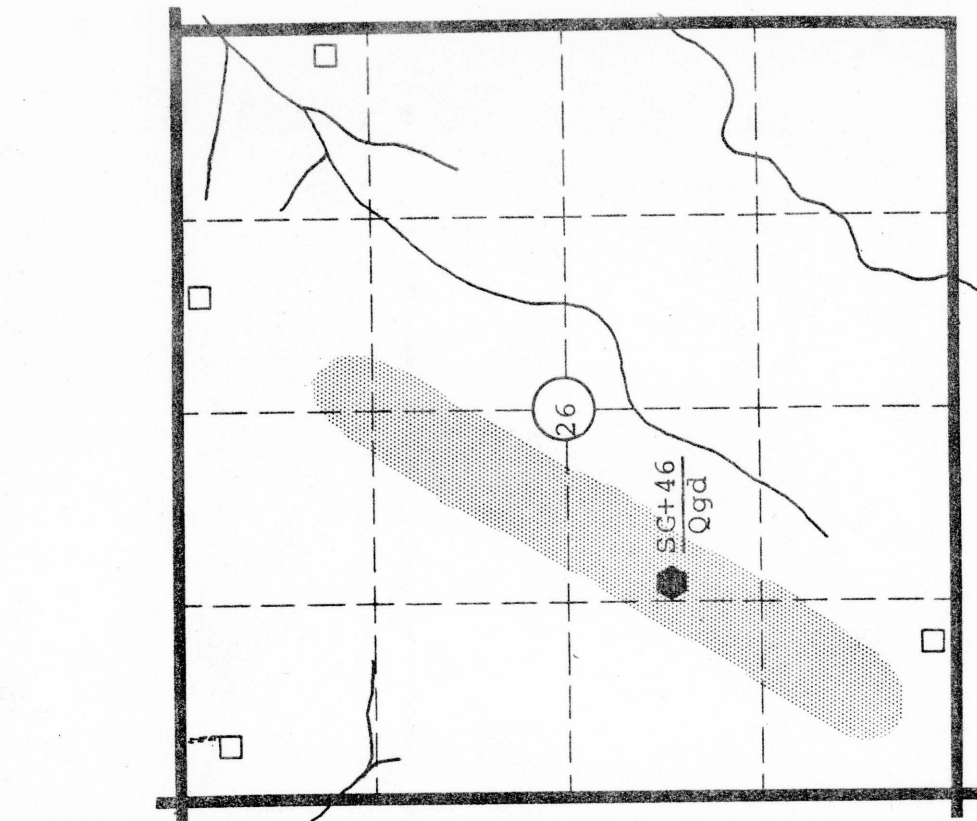
Los Angeles Near

Soundness	Absorption
100	100
90	90
80	80
70	70
60	60
50	50
40	40
30	30
20	20
10	10
0	0

	Str. Ratio
--	------------

Remarks % Alan B. Phares 715 Union Natl. Bank

Wichita, Ks. 67202



Scale: 1" = $\frac{1}{4}$ Mile

GLOSSARY OF SIGNIFICANT TERMS

Absorption: Determined by tests performed in accordance with A.A.S.H.O. specifications, designation T 85.

Alluviate: The deposition of sediments by rivers anywhere along their courses.

Alluvium: A general term for all unconsolidated material deposited by streams.

Aquifer: Geologic units that are water-bearing.

Chert: A dull, flint-like, siliceous rock.

Detritus: Fragmental material derived from older rocks by disintegration.

Flaggy: Thin, horizontal-bedded.

Geologic period: A unit of geologic time; Mississippian, Pennsylvanian, and Permian are examples.

Geologic unit: The term is used in this report to refer to a geologic formation or member and unconsolidated deposits of Pleistocene age.

Glacial drift: Sediments deposited by glaciers which may consist of sand, gravel, clay and silt or combinations thereof.

Igneous rock: Rocks formed by solidification of hot mobile material termed magma.

Karst topography: Near surface limestone areas marked by sinks or holes; usually underlain by caverns or smaller voids.

Leach: The removal in solution of the more soluble minerals by percolating waters.

Los Angeles wear: Determined by tests performed in accordance with A.A.S.H.O. specifications, designation T96 as modified by the State Highway Commission of Kansas Standard Specifications, 1966 edition, section Y1-14.

Metamorphic rock: Rock which has been altered by intense heat and pressure.

Micaceous: A term applied to sands or sandstones containing mica flakes.

Oolite: A spherical to ellipsoidal body 0.25 to 2.00 mm. in diameter, which may or may not have a nucleus, and has concentric or radial structure or both. It is usually calcareous.

Plasticity index: Determined by tests performed in accordance with the State Highway Commission of Kansas Standard Specification, 1966 edition, section Y1-18.

Pleistocene: A period of geologic time representing approximately the last ten million years of the geologic time scale.

Pliocene: The last and youngest major subdivision of the Tertiary Period.

Quartzose: A term applied to sands and sandstones essentially composed of quartz.

Residual soil: In place material resulting from the decomposition of rocks.

Specific gravity: Determined by tests performed in accordance with Y1-15 of the State Highway Commission of Kansas Standard Specifications, 1966 edition.

Terrace: A plain located above the present floodplain, which is usually made up of older stream-laid deposits.

Unconsolidated deposits: Deposits of clay, silt, sand or gravel or combinations of these laid down by wind, water or ice.

SELECTED REFERENCES

1. American Association of State Highway Officials (1961) Standard specifications for highway materials and methods of sampling and testing: pt. I, 8th ed., 398 p.
2. ----- (1961) Standard specifications for highway materials and methods of sampling and testing: pt. II, 8th ed., 612 p.
3. Ball, S. M. and others (1963) Geology of Franklin County, Kansas: Kansas Geological Survey Bull. 163, 57 p.
4. Crowley, Donald J. (1969) Algal-Bank Complex in Wyandotte Limestone (Late Pennsylvanian) In Eastern Kansas: Kansas Geological Survey Bull. 198, 52 p.
5. Dufford, Alvin E. (1958) Quaternary Geology and Ground-water Resources of Kansas River Valley between Bonner Springs and Lawrence, Kansas: Kansas Geological Survey Bull. 130, Part I, 96 p.
6. Frye, John C. and Leonard Byron A. (1952) Pleistocene Geology of Kansas: Kansas Geological Survey Bull. 99, 230 p.
7. Hamblin, Kenneth W. (1969) Marine Paleocurrent Directions in Limestones of the Kansas City Group (Upper Pennsylvanian) in Eastern Kansas: Kansas Geological Survey Bull. 194, Part II, 24 p.
8. Ives, William and Runnels, R. T. (1960) Lime Raw Materials in the Kansas City Area: Kansas Geological Survey Bull. 142, Part III, pp. 125-148.
9. Merriam, Daniel F. (1963) The Geologic History of Kansas: Kansas Geological Survey Bull. 162, 317 p.
10. Miller, Don E. (1966) Geology and Ground-water Resources of Miami County, Kansas: Kansas Geological Survey Bull. 181, 66 p.
11. Moore, Raymond C. (1949) Divisions of the Pennsylvanian System in Kansas: Kansas Geological Survey Bull. 83, pp. 87-137.
12. Newell, N. D. and Jewett, J. M. (1935) The Geology of Johnson, Miami and Wyandotte Counties Kansas: Kansas Geological Survey Bull. 21, 204 p.
13. O'Connor, Howard G. (1960) Geology and Ground-water Resources of Douglas County, Kansas: Kansas Geological Survey Bull. 148, 200 p.

14. -----(in review) Geology and Ground-water Resources of Johnson County, Kansas: Kansas Geological Survey Bull.
15. Runnels, R. T. and Schleicher, J. A. (1956) Chemical Composition of Eastern Kansas Limestones: Kansas Geological Survey Bull. 119, Part III, pp. 83-103.
16. Sanders, Donald T. (1959) Sandstones of the Douglas and Pedee Groups in Northeastern Kansas: Kansas Geological Survey Bull. 134, Part III, pp. 127-157.
17. Zeller, Doris E. (1968) The Stratigraphic Succession in Kansas: Kansas Geological Survey Bull. 189, 81 p.