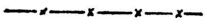

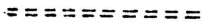

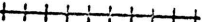
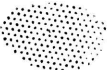


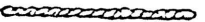









APPENDIX I

The following site data forms are designated as "open sites; not sampled." The sites described herein are depicted on the county materials maps as a "●".

LEGEND

	Fence		Farm site
	Trail or lane		Open materials site
	Railroad		Prospective materials site
	Road		Center of section
	Hedge or trees		Cemetery
	Major streams		School
	Intermittent streams		Church
	Pond or lake		Town or city

MATERIAL SURVEY REPORT

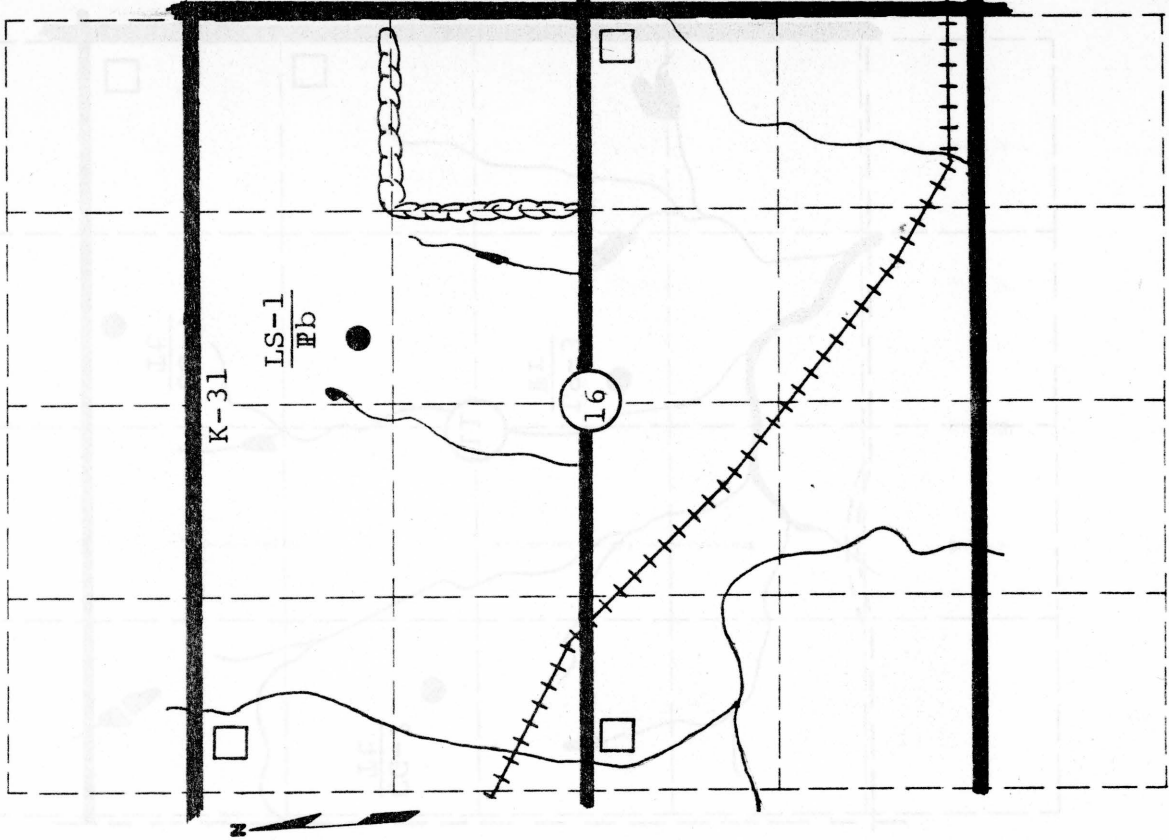
Site No. LS-1 Date June, 1966
Pb
 Material Limestone County Osage
 Location NW 1/4, NE 1/4 Sec. 16 Twp. 15S Range 14E
 Owner Riley J. Sage Burlingame, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.	
				1/2	3/4	3/8	4	8	16	30					50

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Bern Limestone
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



MATERIAL SURVEY REPORT

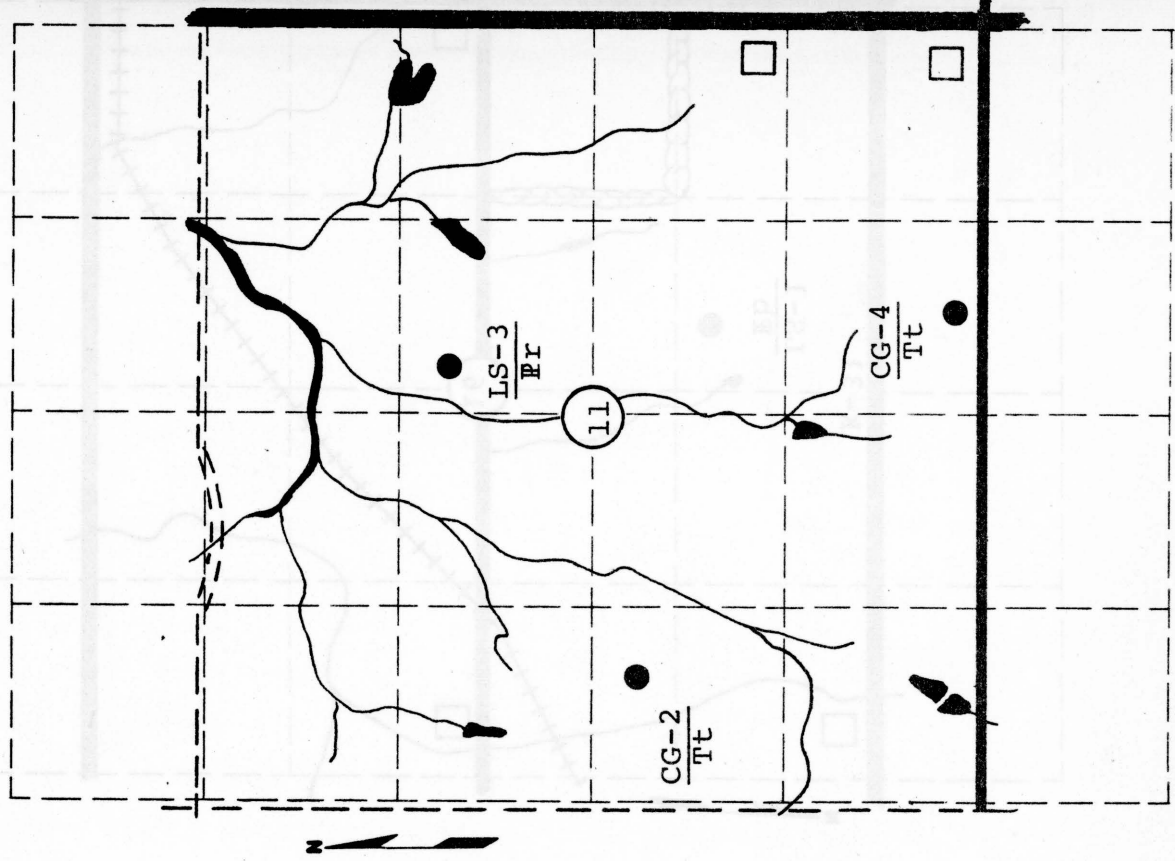
Site No. CG-2 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SW 1/4, NW 1/4 Sec. 11 Twp. 14S Range 14E
 Owner Flora Patterson Burlingame, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G. F.	L. L.	P. I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar to _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

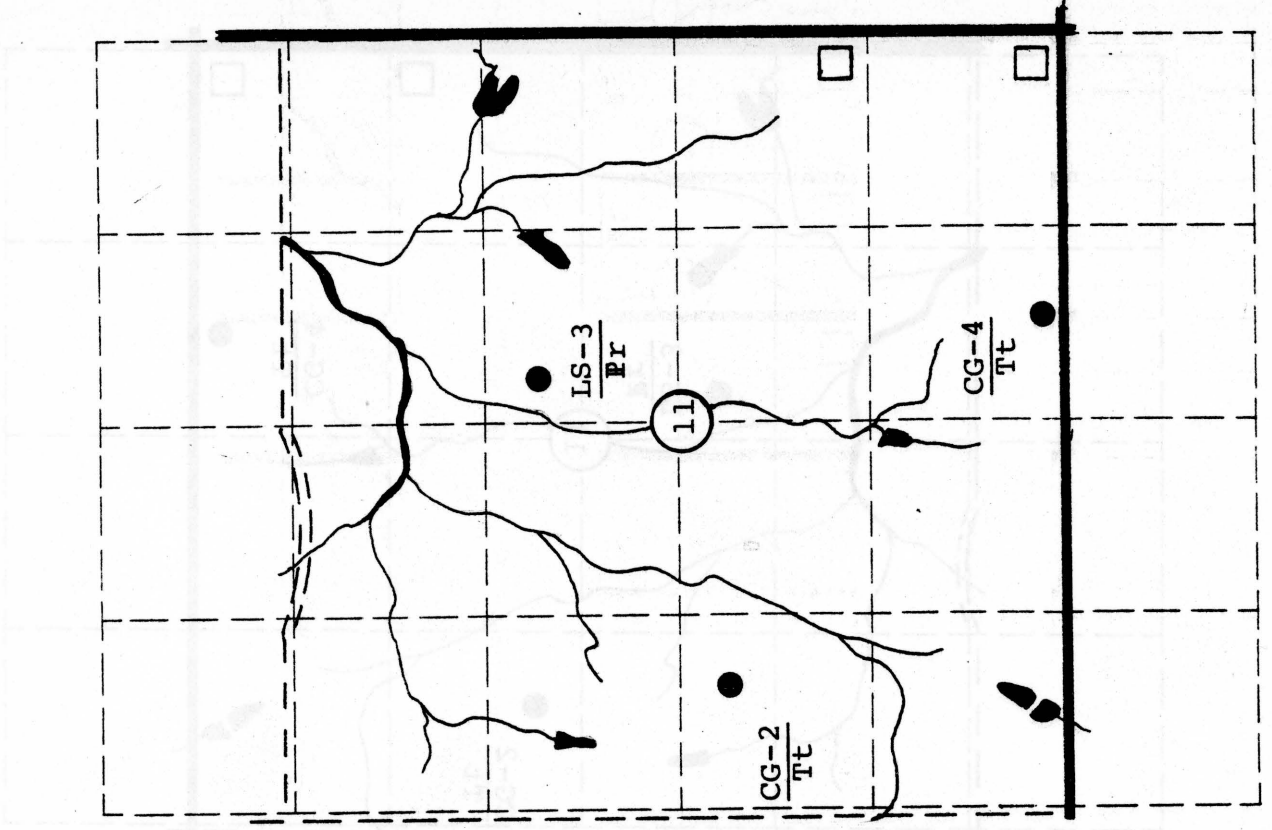
Site No. LS-3 Date June, 1966
PR
 Material Limestone County Osage
 Location SW $\frac{1}{4}$, NE $\frac{1}{4}$ Sec. 11 Twp. 14S Range 14E
 Owner Mellbern Sjogren & Sam Sjogren Carbondale, Kansas
 address
 Nature of Deposit Dry Accessibility POOR
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16					30	50

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Reading Limestone
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

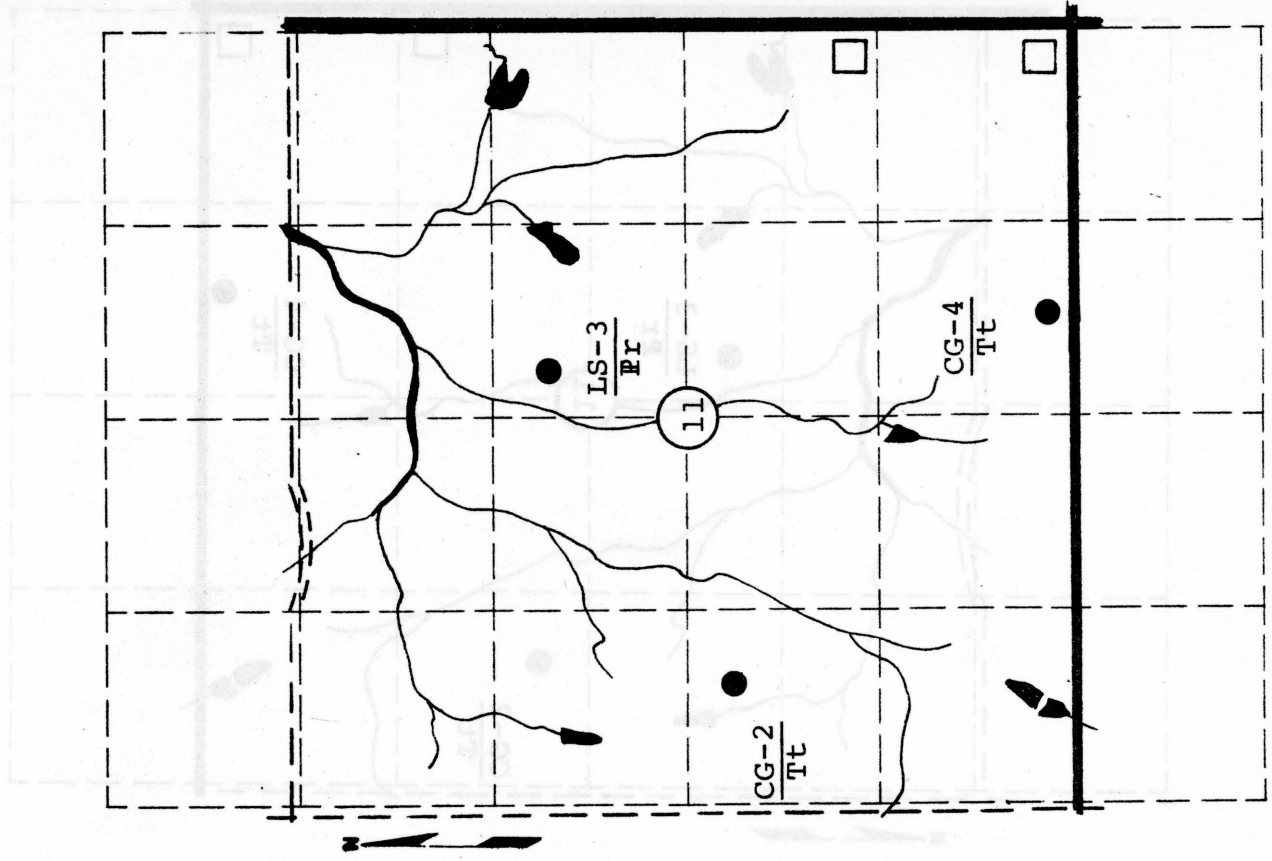
Site No. CG-4 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SE 1/4, SE 1/4 Sec. 11 Twp. 14S Range 14E
 Owner James N. Havens, et ux address Carbondale, Kansas
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained					Wash 200	G.F.	L.L.	P.I.
				1/2	3/4	3/8	8	16				

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

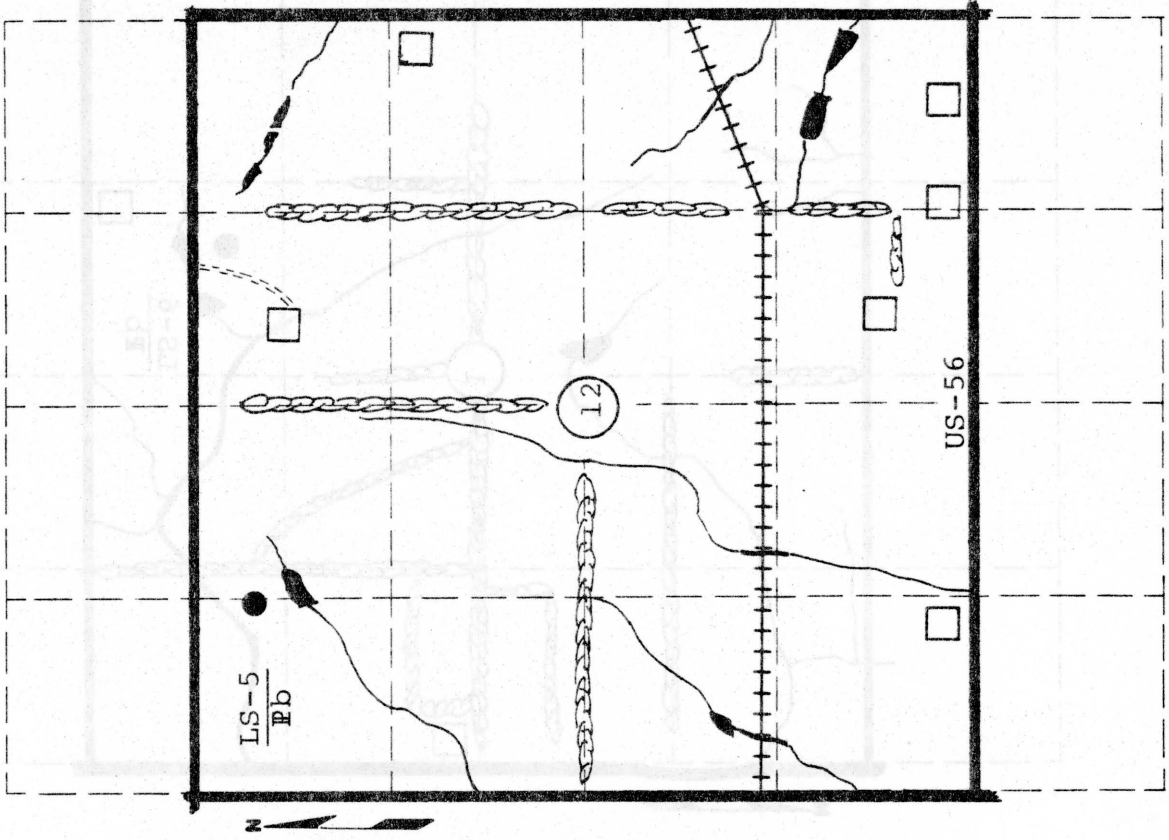
Site No. LS-5 Date June, 1966
Pb
 Material Limestone County Osage
 Location NE 1/4, NW 1/4 Sec. 12 Twp. 15S Range 14E
 Owner Elma Dubois Burlingame, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P. I.			
				1 1/2	3/4	3/8	4	8	16	30					50	100	

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Berm Limestone
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

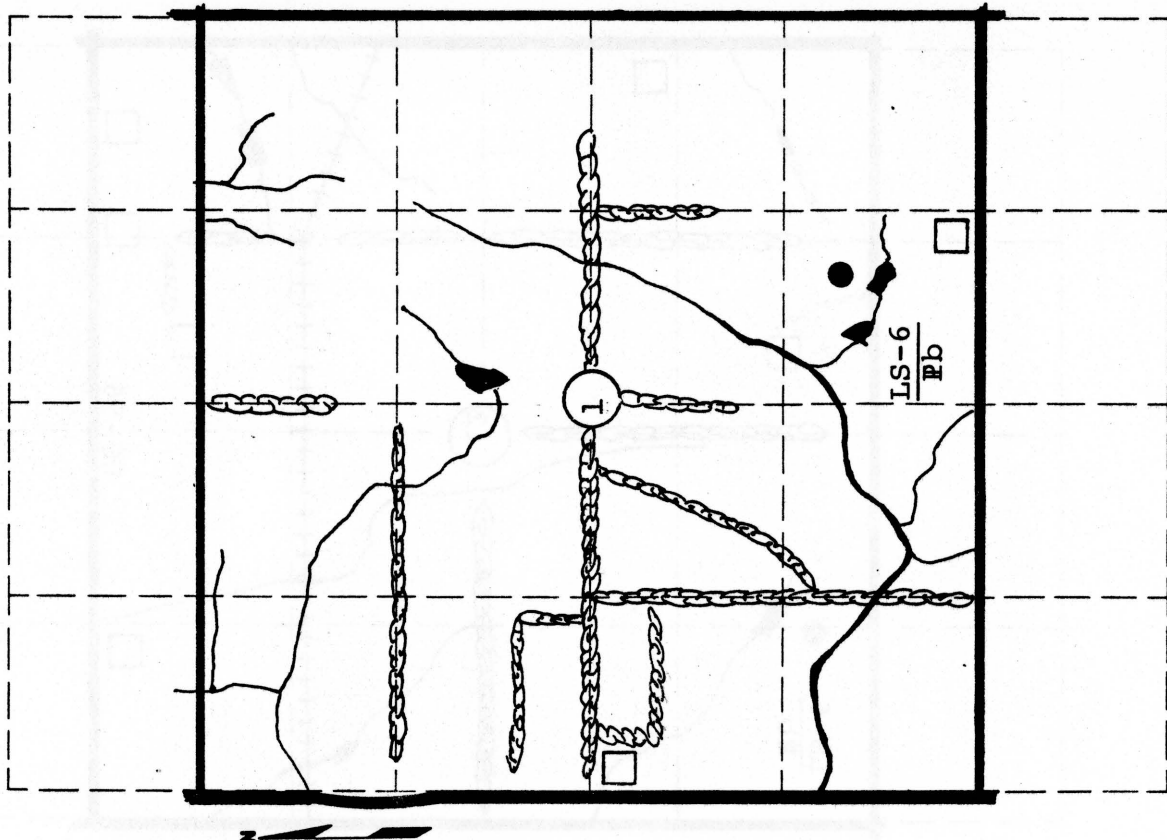
Site No. LS-6 Date June, 1966
Pb
 Material Limestone County Osage
 Location SW 1/4, SE 1/4 Sec. 1 Twp. 15S Range 14E
 Owner Glenn M. Amos, et ux Burlingame, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.	
				1 1/2	3/4	3/8	4	8	16	30					50

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Bern Limestone
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

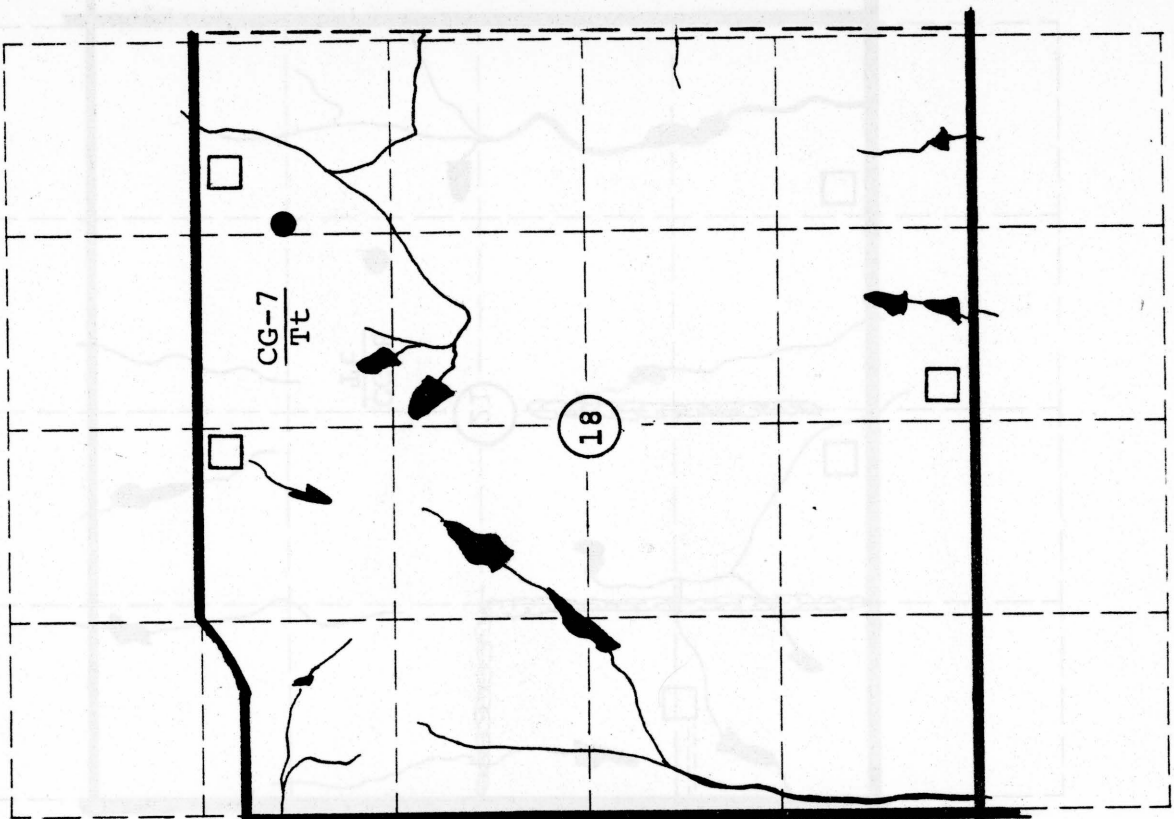
Site No. CG-7 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NE 1/4, NE 1/4 Sec. 18 Twp. 14S Range 15E
 Owner Francis H. Dunlap 10411 Barwood Ct., Houston, Texas
 address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

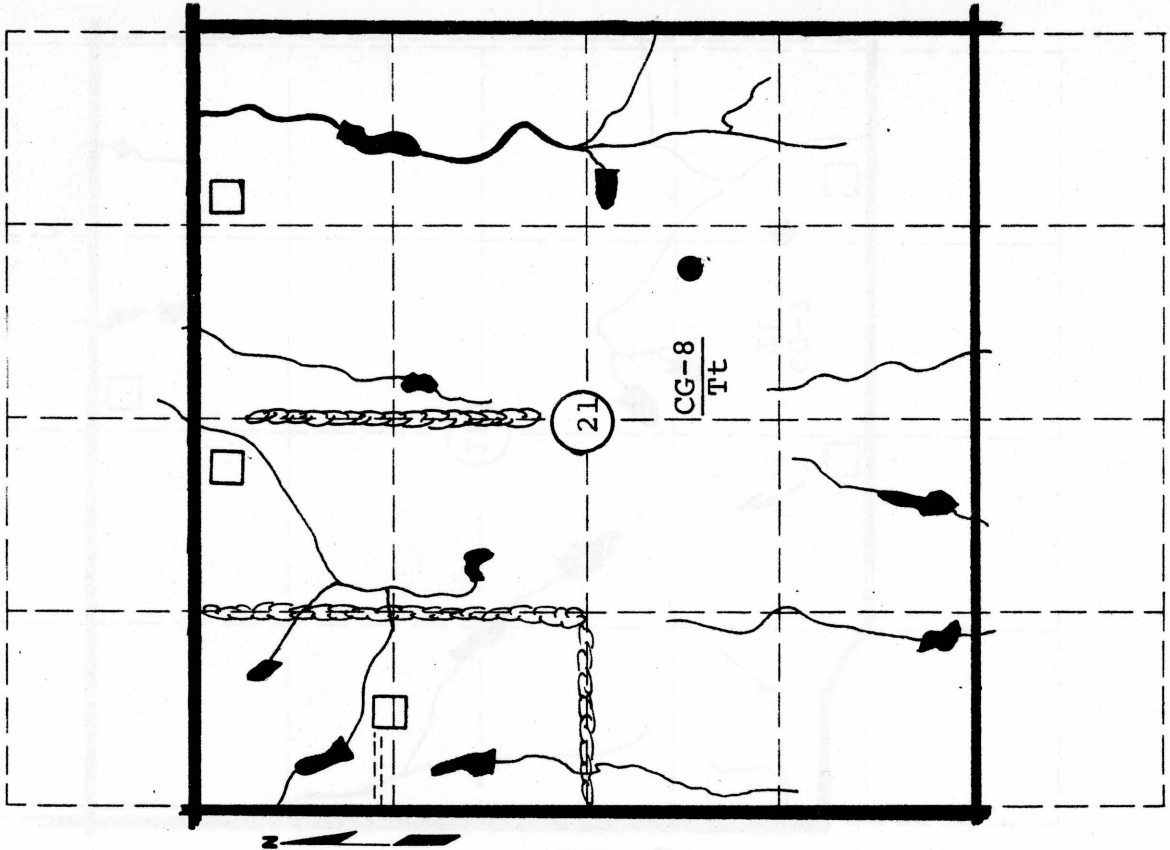
Site No. CG-8 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NW 1/4, SE 1/4 Sec. 21 Twp. 14S Range 15E
 Owner Rachel Dietrich Carbondale, Kansas
 name address
 Nature of Deposit Dry Accessibility Poor
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.				
				1 1/2	3/4	3/8	4	8	16					30	50	100	

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

STATE HIGHWAY COMMISSION OF KANSAS

MATERIAL SURVEY REPORT

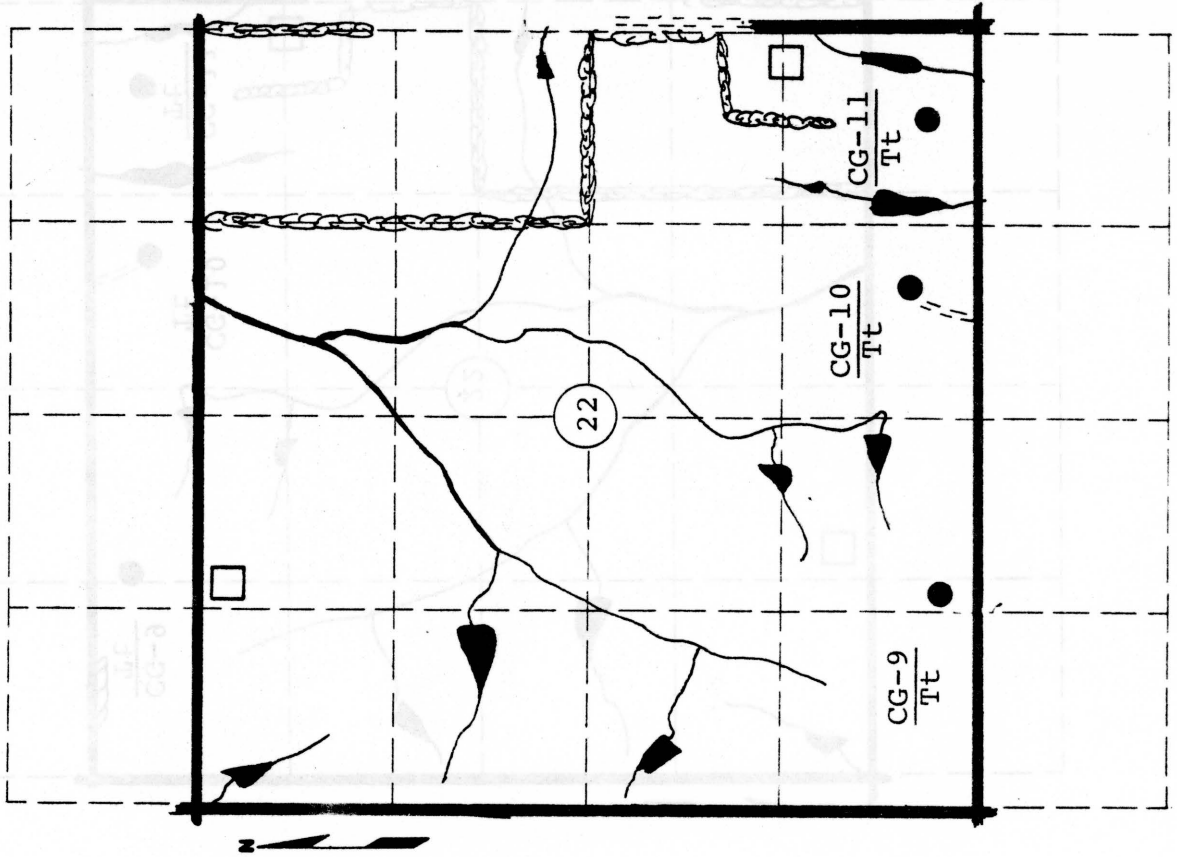
Site No. CG-9 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SE 1/4, SW 1/4 Sec. 22 Twp. 14S Range 15E
 Owner Lawrence Oberle address Carbondale, Kansas
 name Dry Accessibility Fair
 Nature of Deposit Dry
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.	
				1/2	3/4	3/8	4	8	16	30					50

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

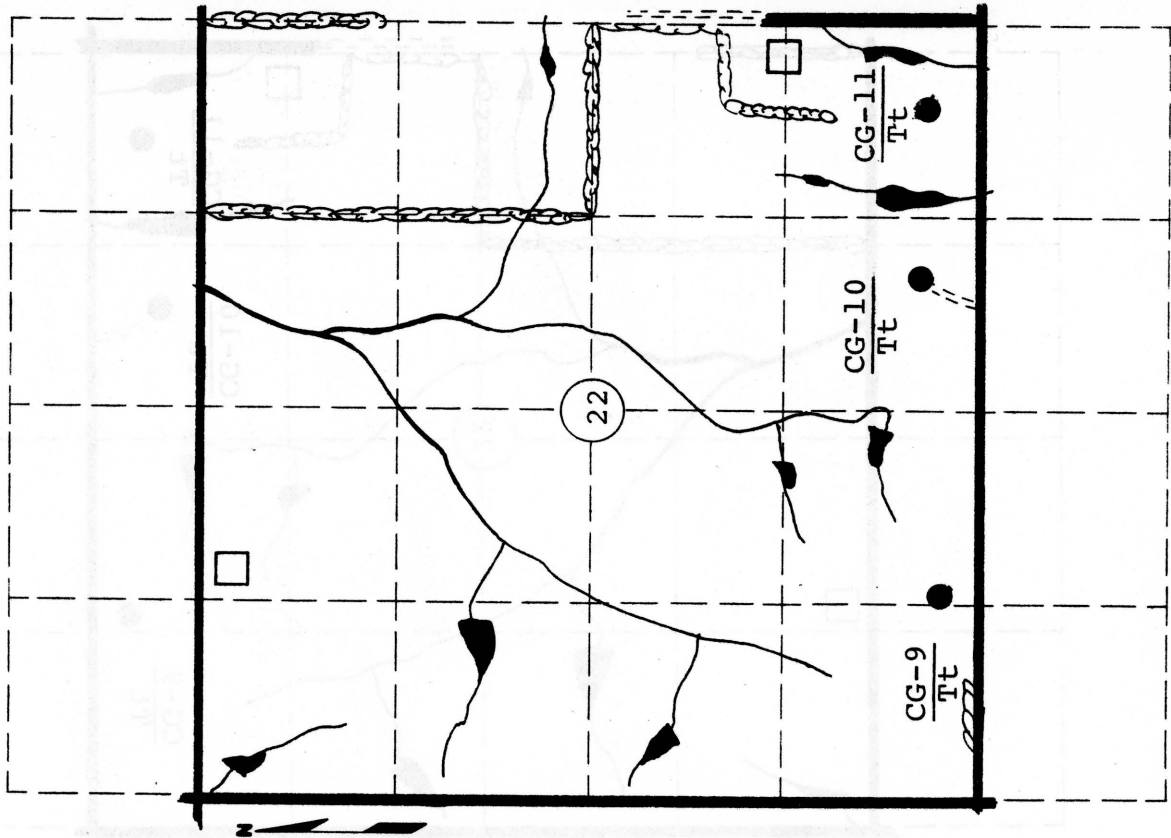
Site No. CG-10 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SW 1/4, SE 1/4 Sec. 22 Twp. 14S Range 15E
 Owner Henry Oberle name Carbondale, Kansas address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.	
				1/2	3/4	3/8	4	8	16	30	50					100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

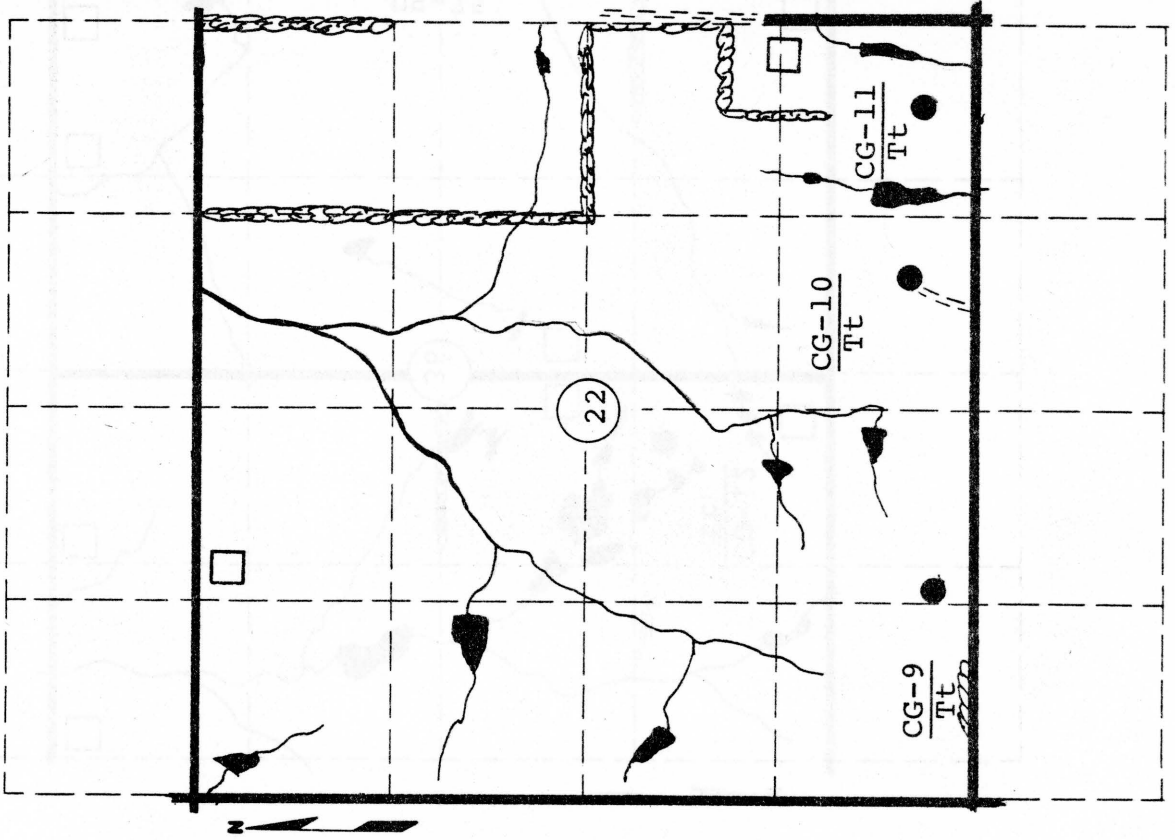
Site No. CG-11 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SE 1/4, SE 1/4 Sec. 22 Twp. 14S Range 15E
 Owner Henry Oberle name Carbondale, Kansas address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate I



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

CG-12
Tt

Site No. _____ Date June, 1966

Material Chert Gravel County Osage

Location NE 1/4, NW 1/4 Sec. 36 Twp. T14S Range 15E

Owner Claude S. Mercer, et ux Carbondale, Kansas
address

Nature of Deposit Dry Accessibility Fair

Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)

Geological Source Tertiary Terrace

Material Similar To _____

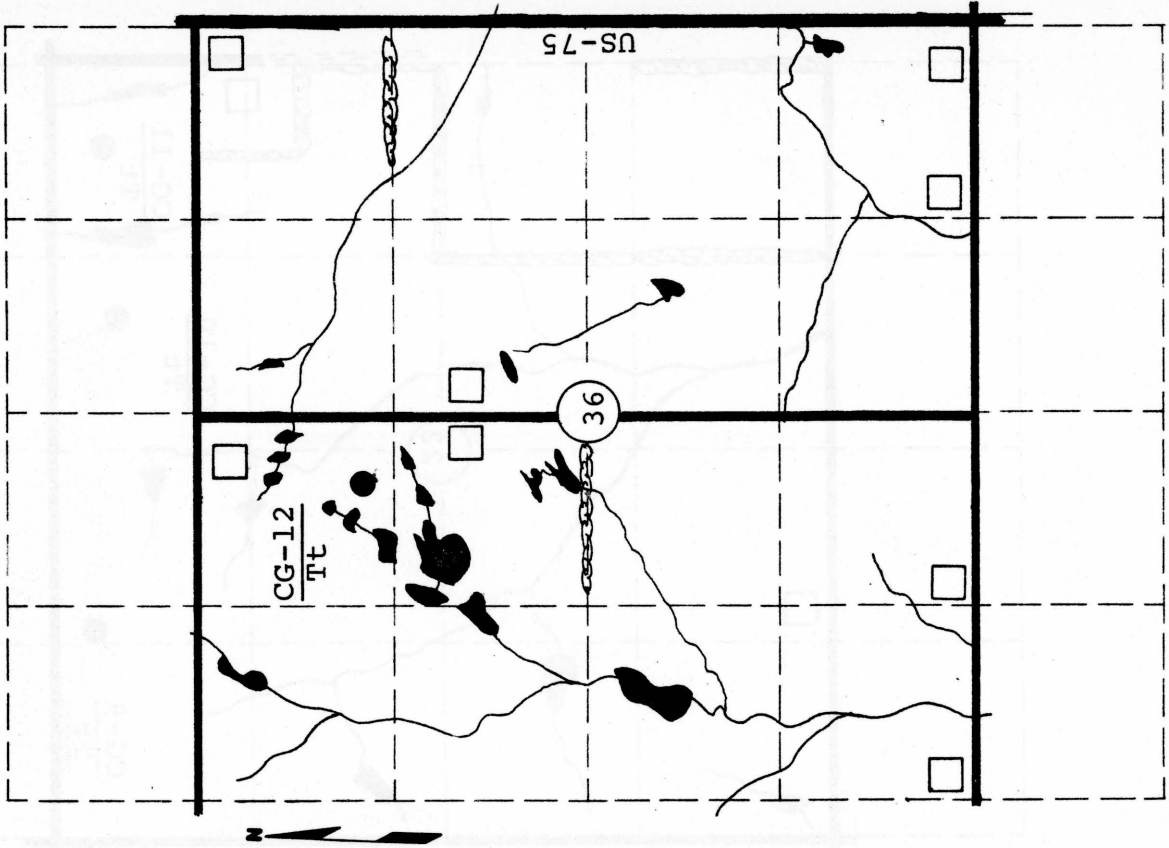
Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Wear _____

Absorption _____ Soundness _____

Wt. Cu.Ft. _____ Str. Ratio _____

Remarks Plate II



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

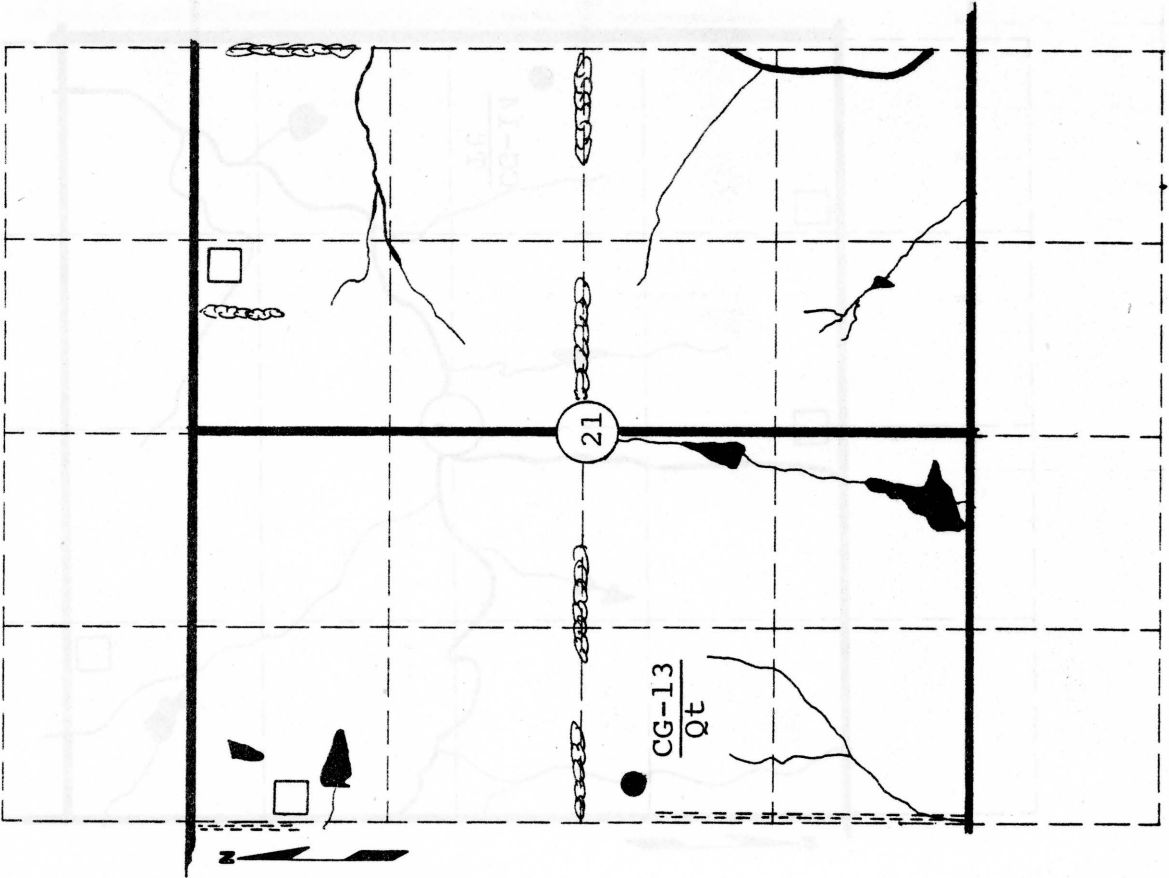
Site No. CG-13 Date June, 1966
Qt
 Material Chert Gravel County Osage
 Location NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 21 Twp. 15S Range 16E
 Owner Ellen L. Vincent Scranton, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pleistocene
 Geological Source Quaternary Terraces
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Near _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate II



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

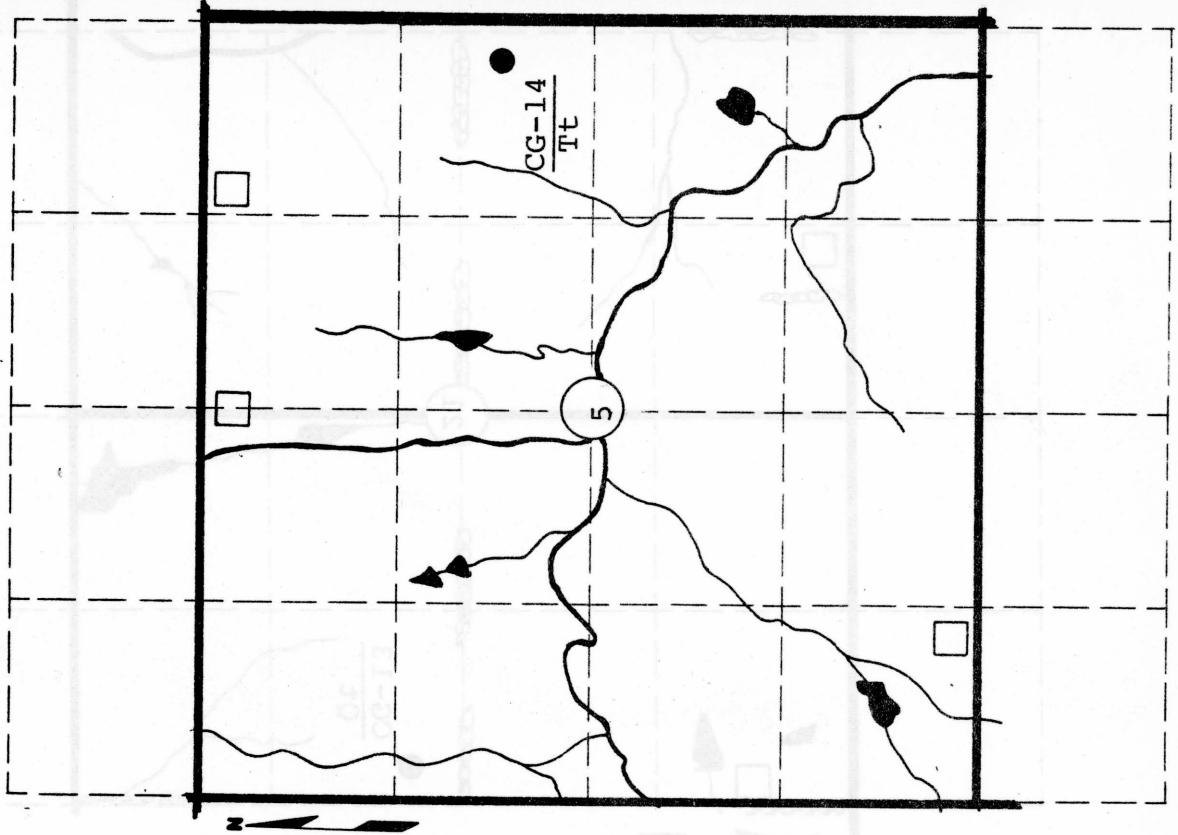
Site No. CG-14
Tt
 Date June, 1966
 Material Chert Gravel County Osage
 Location SE 1/4, NE 1/4 Sec. 5 Twp. 17S Range 14E
 Owner A. N. Oser name Osage City, Kansas address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained					Wash 200	G.F.	L.L.	P.I.
				1/2	3/4	3/8	4	8				

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate III



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

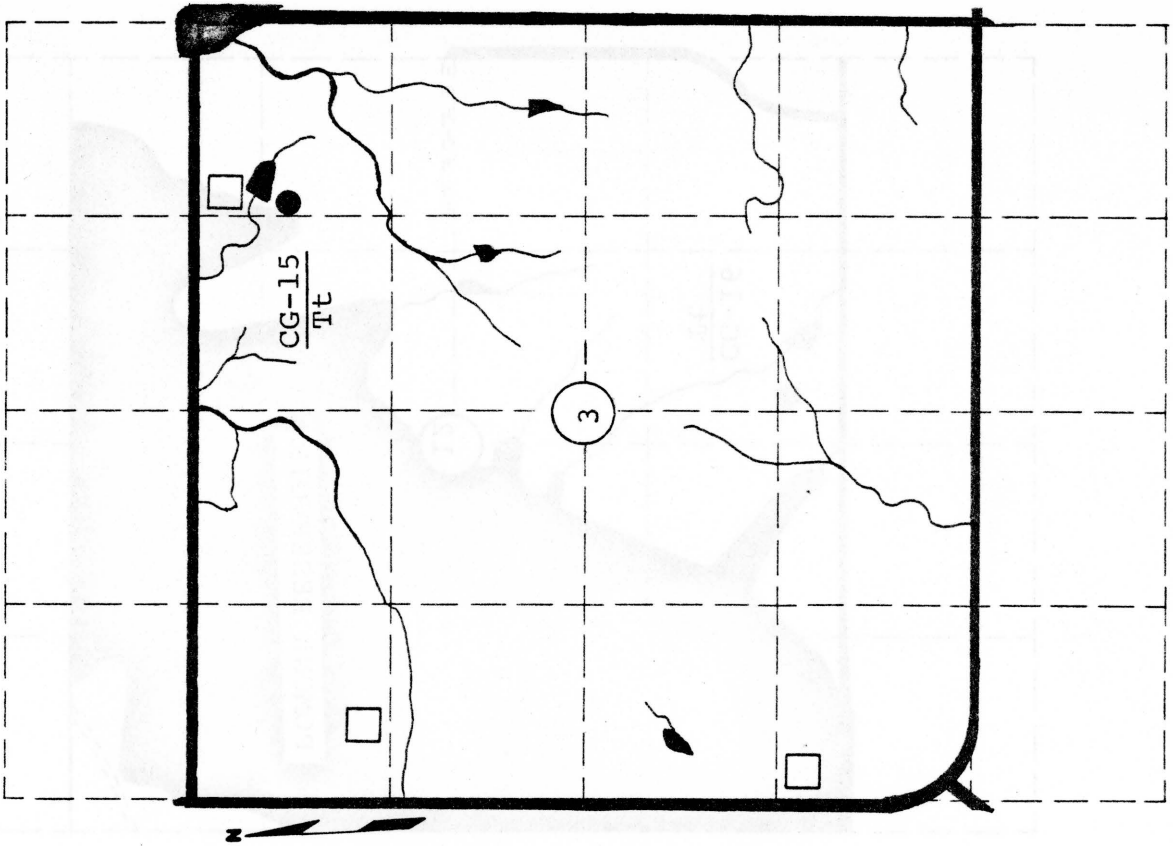
Site No. CG-15 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NE 1/4, NE 1/4 Sec. 3 Twp. 16S Range 16E
 Owner Carrie Wischropp Lyndon, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.	
				1 1/2	3/4	3/8	4	8	16					30

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

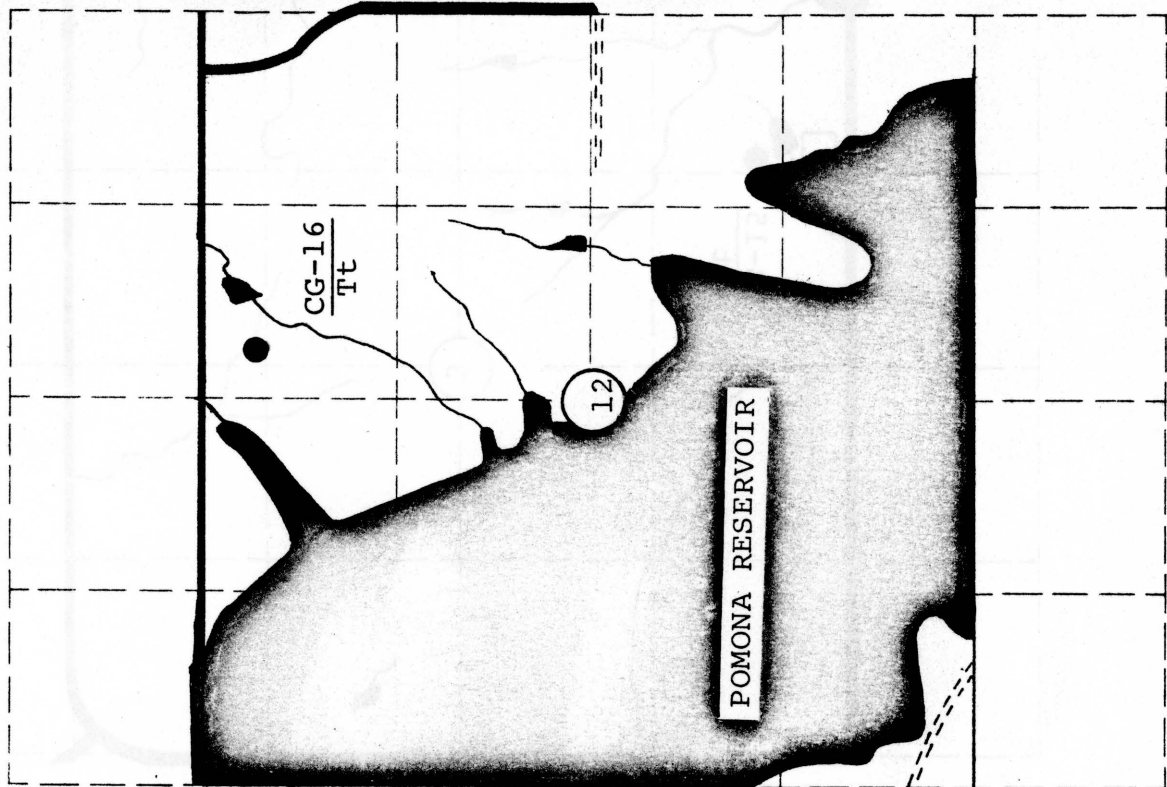
Site No. CG-16
Tt
 Date June, 1966
 Material Chert Gravel County Osage
 Location NW 1/4, NE 1/4 Sec. 12 Twp. 16S Range 16E
 Owner U. S. A. (Pomona Dam)
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained					Wash	G.F.	L.L.	P.I.										
				1/2	3/4	3/8	4	8					16	30	50	100	200					

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



MATERIAL SURVEY REPORT

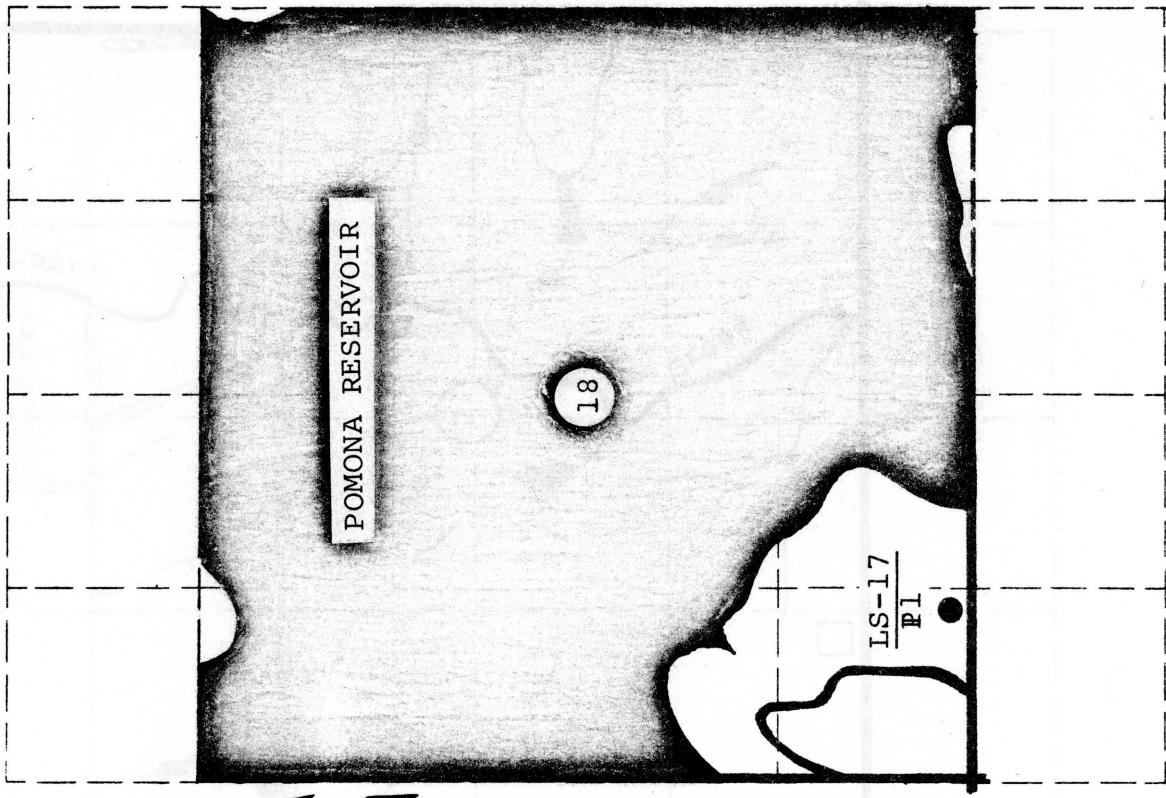
Site No. LS-17
PL Date June, 1966
 Material Limestone County Osage
 Location SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 18 Twp. 16S Range 17E
 Owner U.S. A. (Pomona Dam) address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							G.F.	L.L.	P.I.				
				1 1/2	3/4	3/8	4	8	16	30				50	100	Mesh 200	

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Lecompton Limestone
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

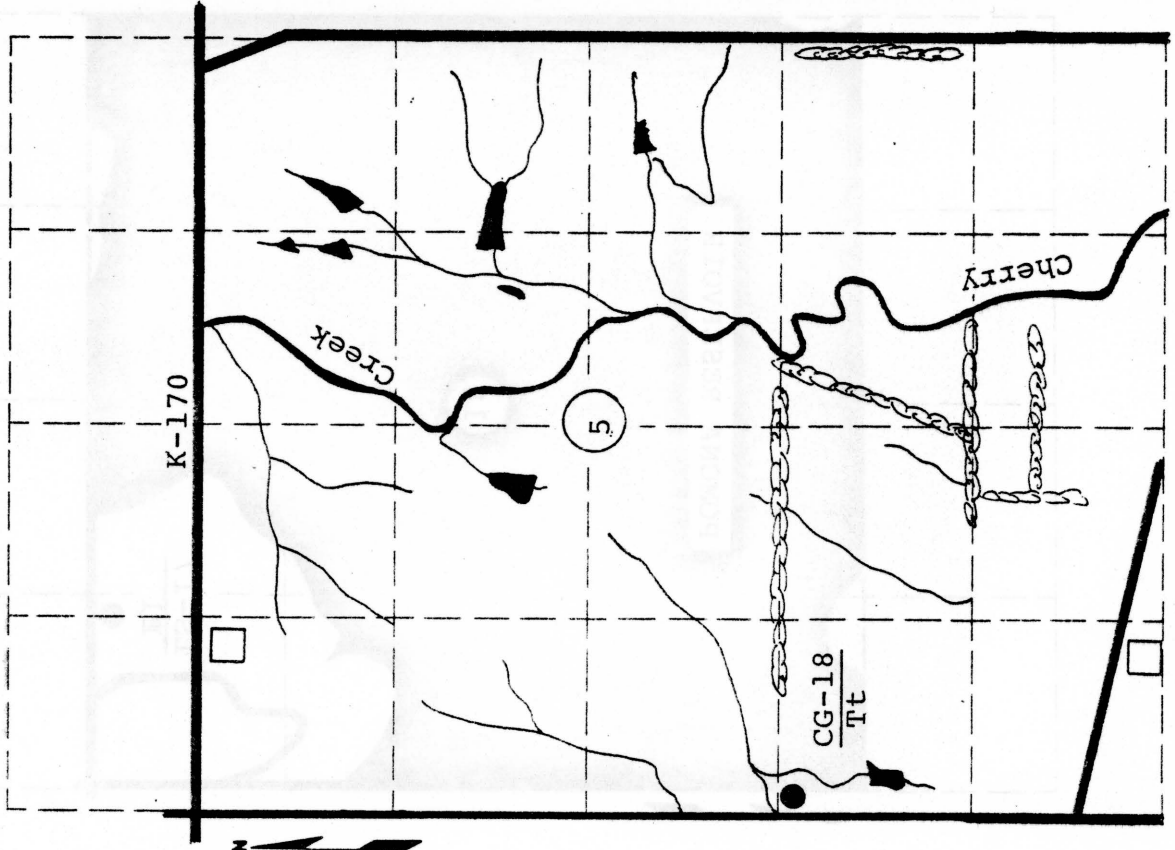
Site No. CG-18 Date June, 1966
Tt
 Material Chert Gravel County Osage
SW 1/4, SW 1/4 Sec. 5 Twp. 18S Range 14E
 Owner Clarence J. Small, et ux Reading, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	L.L.	G.F.	P.I.										
				1 1/2	3/4	3/8	4	8	16	30					50	100								

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar to _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Co.Ft. _____ Str. Ratio _____
 Remarks Plate V



MATERIAL SURVEY REPORT

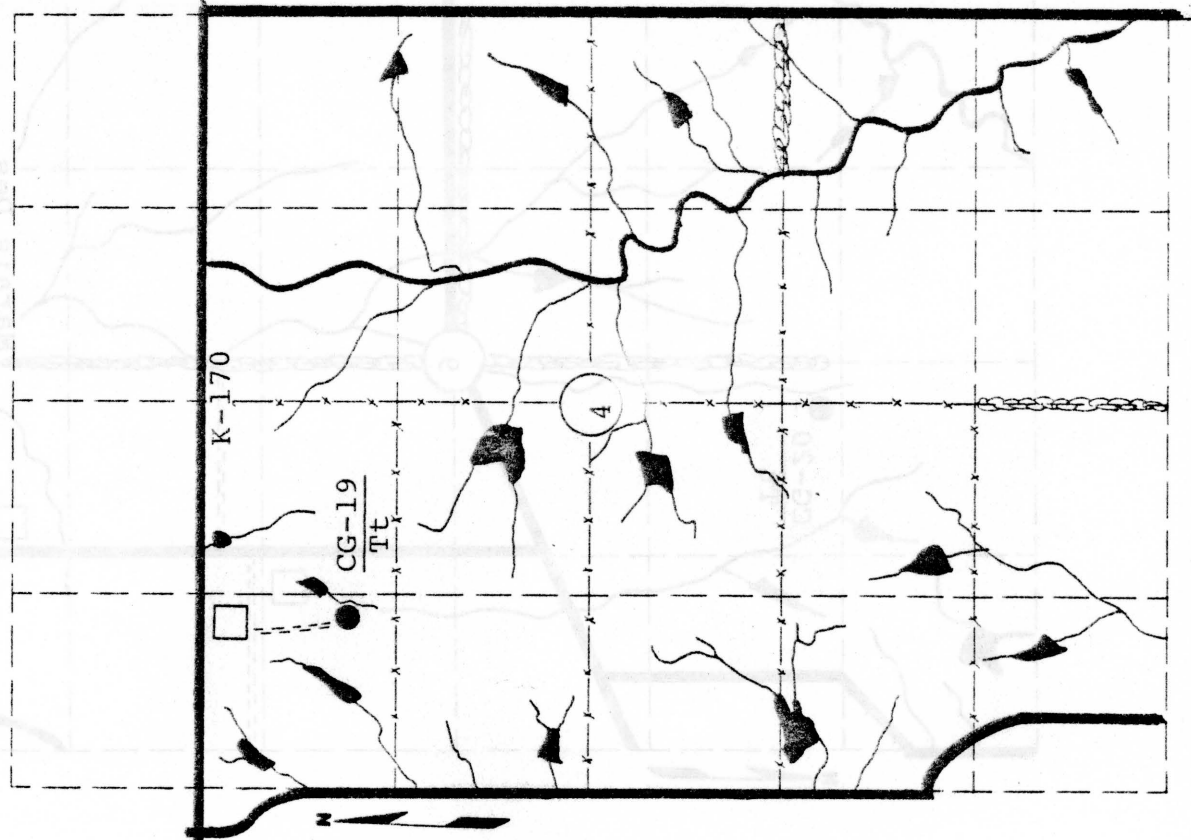
Site No. CG-19
Tt
 Date June, 1966
 Material Chert Gravel County Osage
 Location NW $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 4 Twp. 18S Range 14E
 Owner Archie G. Linten, et ux Osage City, Kansas
 address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained					Wash 200	G.F.	L.L.	P.I.
				1 1/2	3/4	3/8	4	8				

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Mt. Cu.-Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

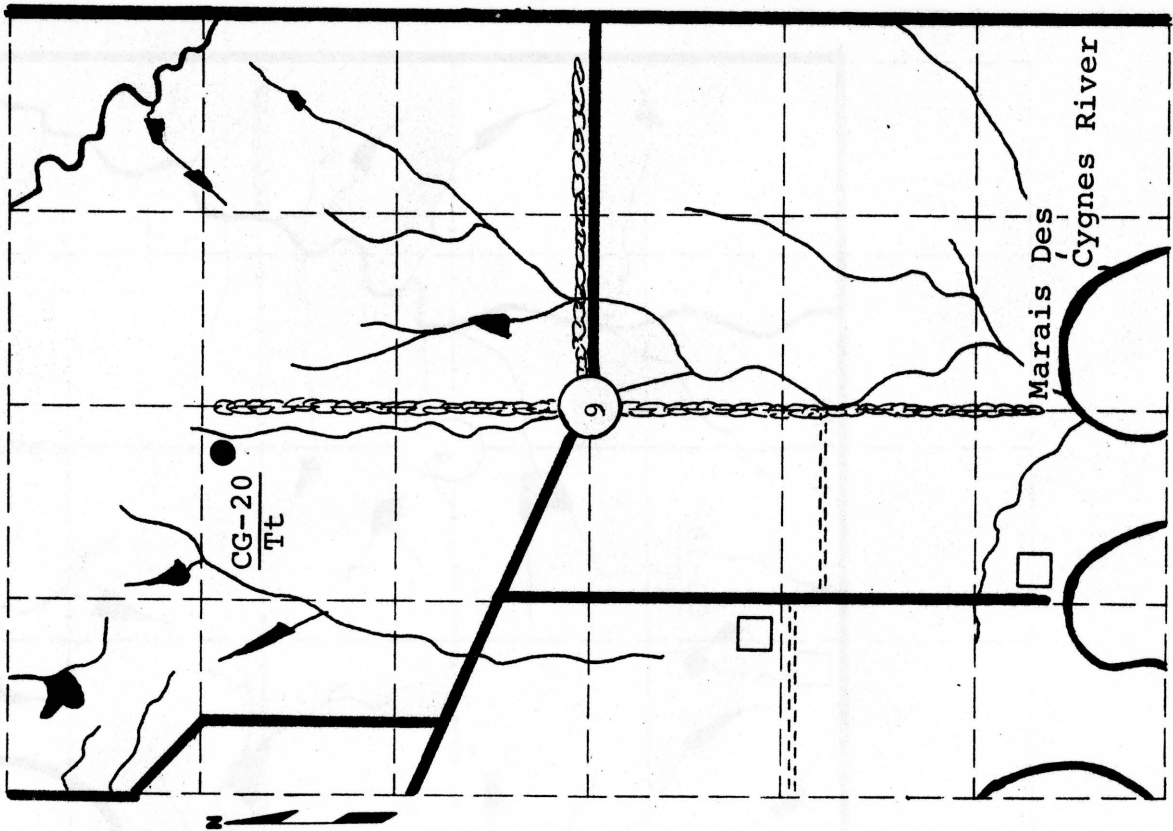
Site No. CG-20 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NE 1/4, NW 1/4 Sec. 9 Twp. 18S Range 14E
 Owner L. Humphreys Osage City, Kansas address
 Nature of Deposit DRY Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar to _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Mt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

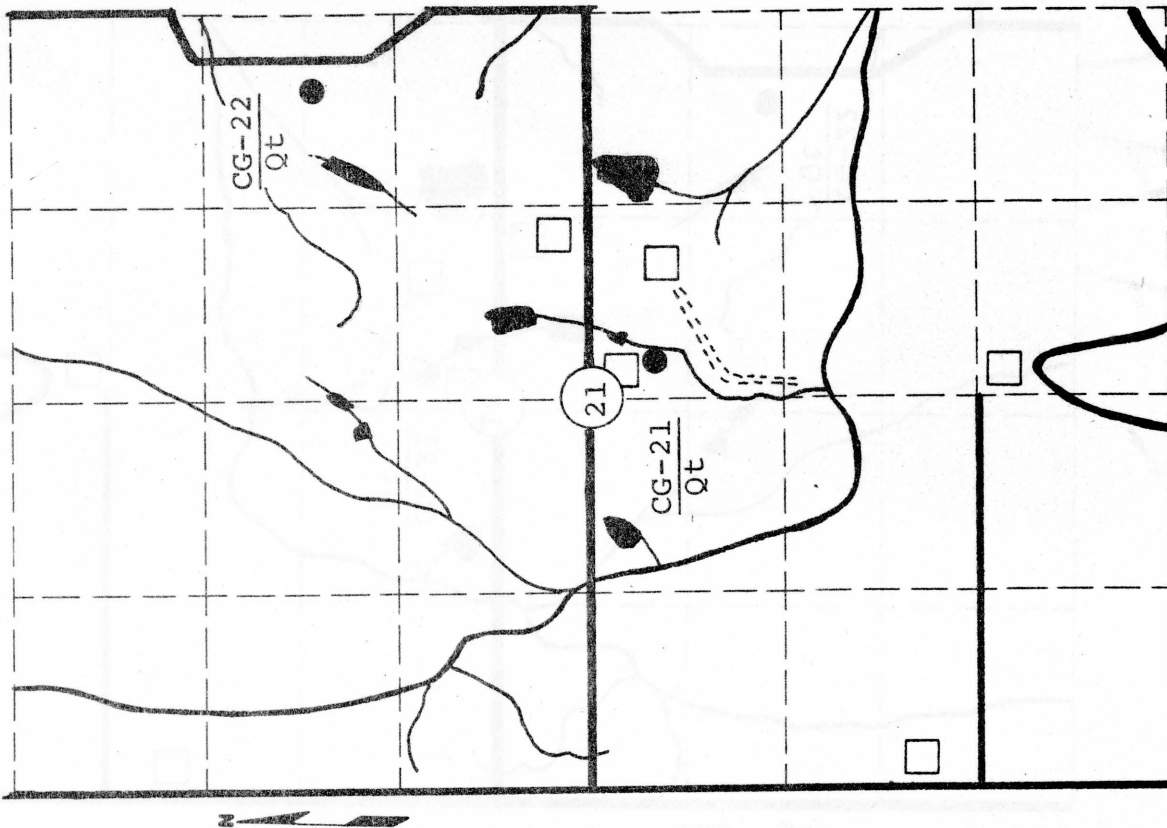
Site No. CG-21 Date June, 1966
Qt
 Material Chert Gravel County Osage
 Location NW 1/4, SE 1/4 Sec. 10 Twp. 18S Range 14E
 Owner R. L. Booth Osage City, Kansas
 Name Dry Accessibility Good
 Nature of Deposit Dry
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P. I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pleistocene
 Geological Source Quaternary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

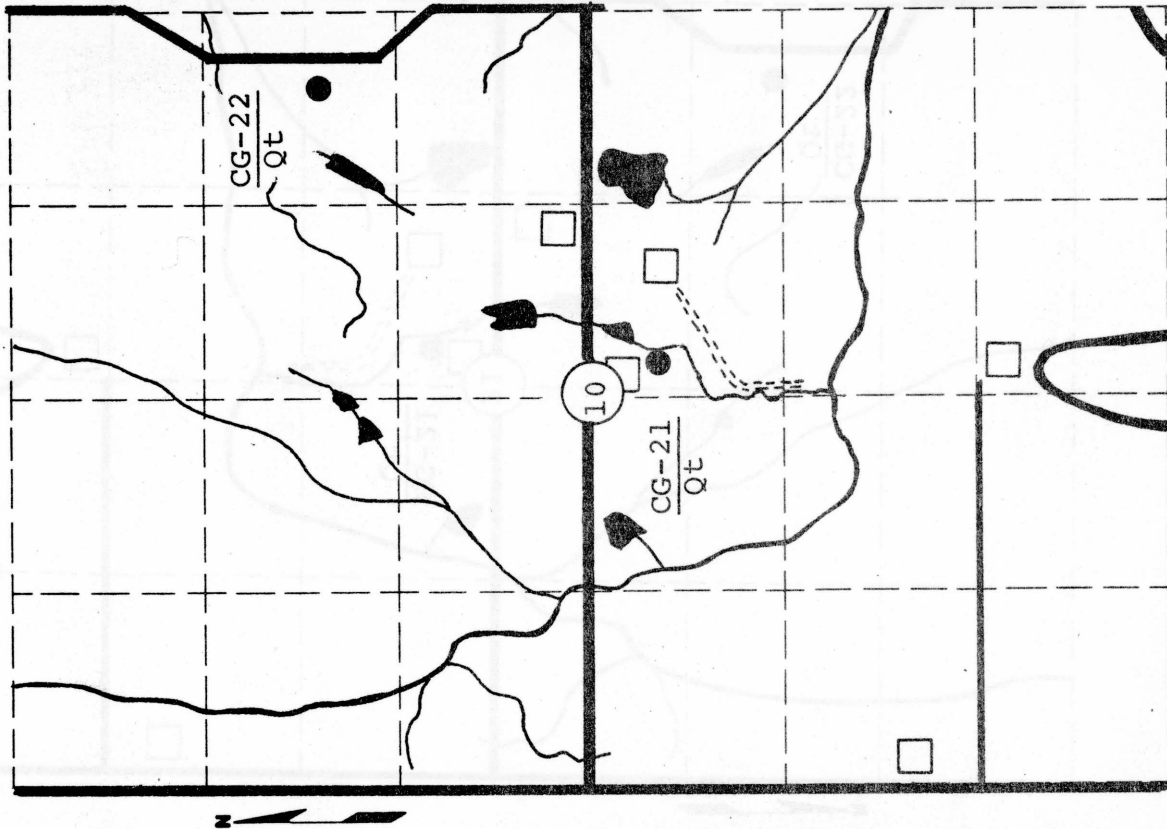
Site No. CG-22 Date June, 1966
Ot
 Material Chert Gravel County Osage
 Location NE 1/4, NE 1/4 Sec. 10 Twp. 18S Range 14E
 Owner R. L. Booth Osage City, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.	
				1 1/2	3/4	3/8	4	8	16	30					50

CORRELATION DATA

Geological Age Pleistocene
 Geological Source Quaternary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



MATERIAL SURVEY REPORT

CG-23
Tt

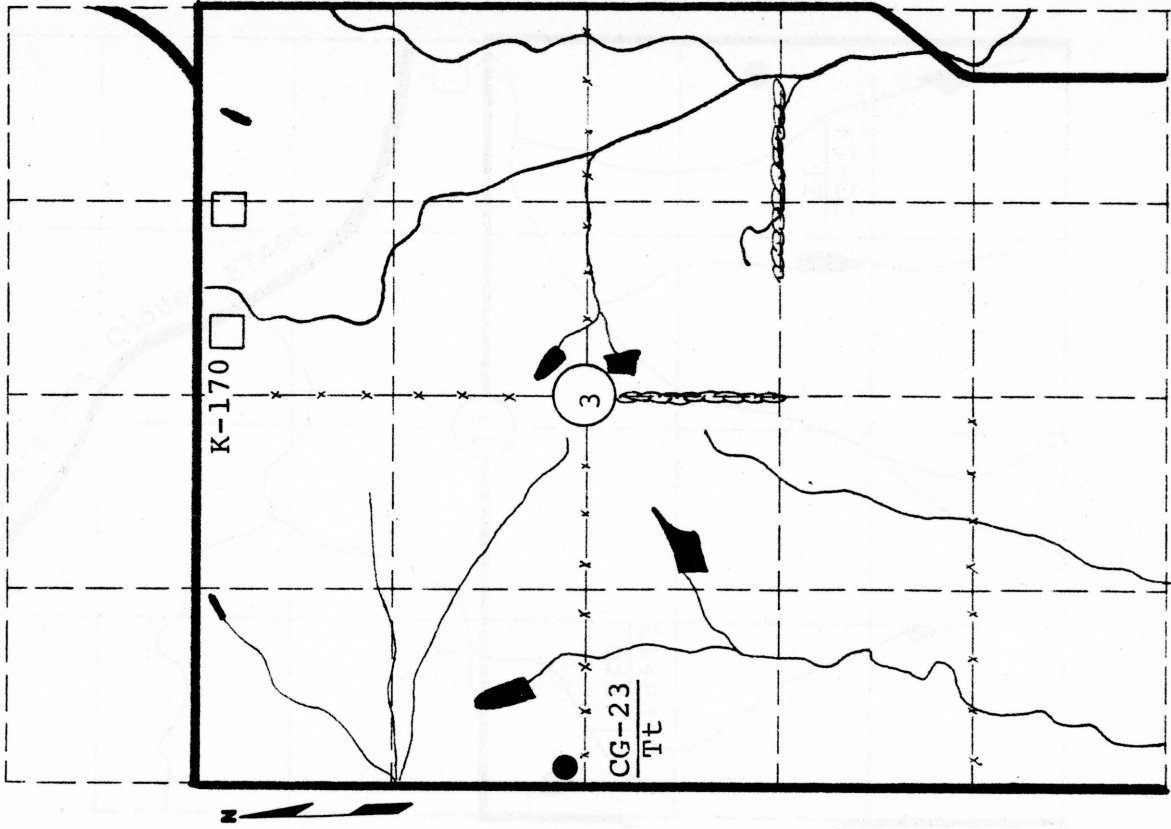
Site No. _____ Date June, 1966
 Material Chert Gravel County Osage
 Location SW 1/4, NW 1/4 Sec. 3 Twp. 18S Range 14E
 Owner Brenda Jean Evens Lebo, Kansas
 address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16	30	50					100	

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

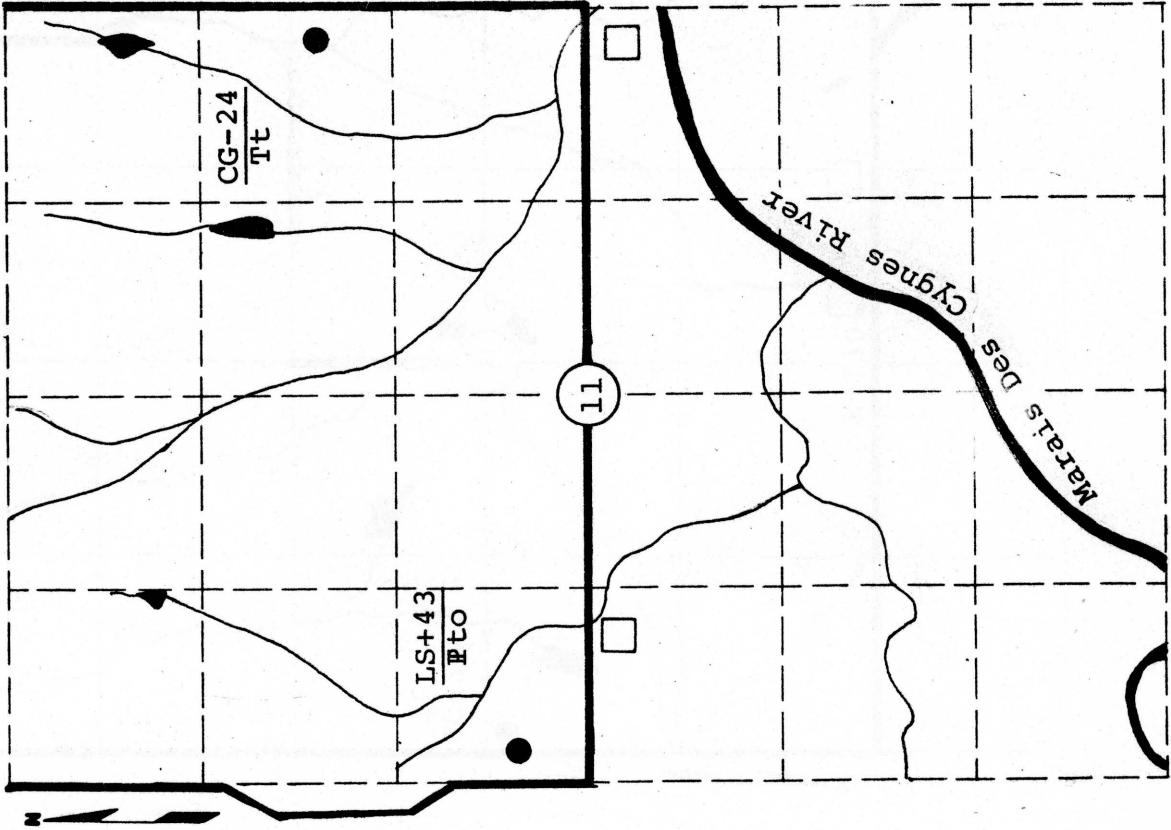
Site No. CG-24
Tt
 Date June, 1966
 Material Chert Gravel County Osage
 Location NE 1/4, NE 1/4 Sec. 11 Twp. 18S Range 14E
 Owner Tena Morton address Osage City, Kansas
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

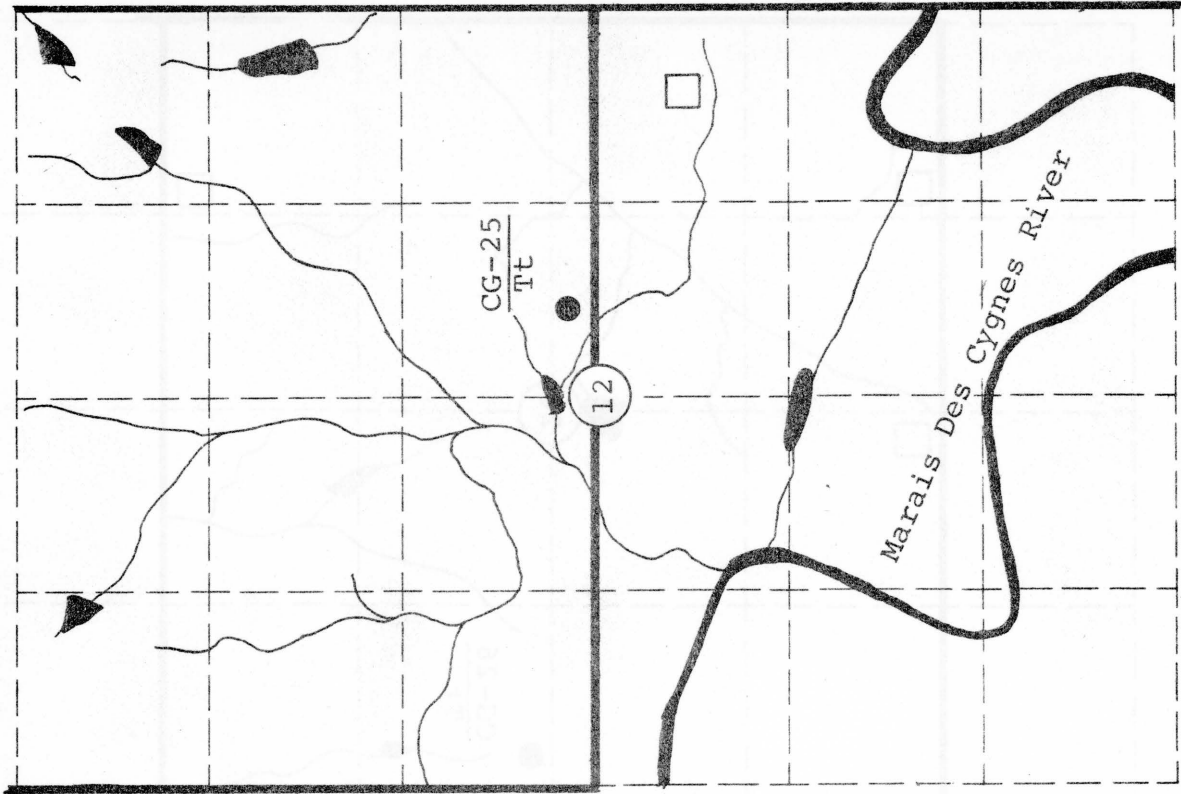
Site No. CG-25 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SW $\frac{1}{4}$, NE $\frac{1}{4}$ Sec. 12 Twp. 18S Range 14E
 Owner Catherine A. Caraway-See O.E. Williams, Lebo, Kans.
 name address
 Nature of Deposit DRY Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.			
				1 1/2	3/4	3/8	4	8	16	30					50	100	

CORRELATION DATA

Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

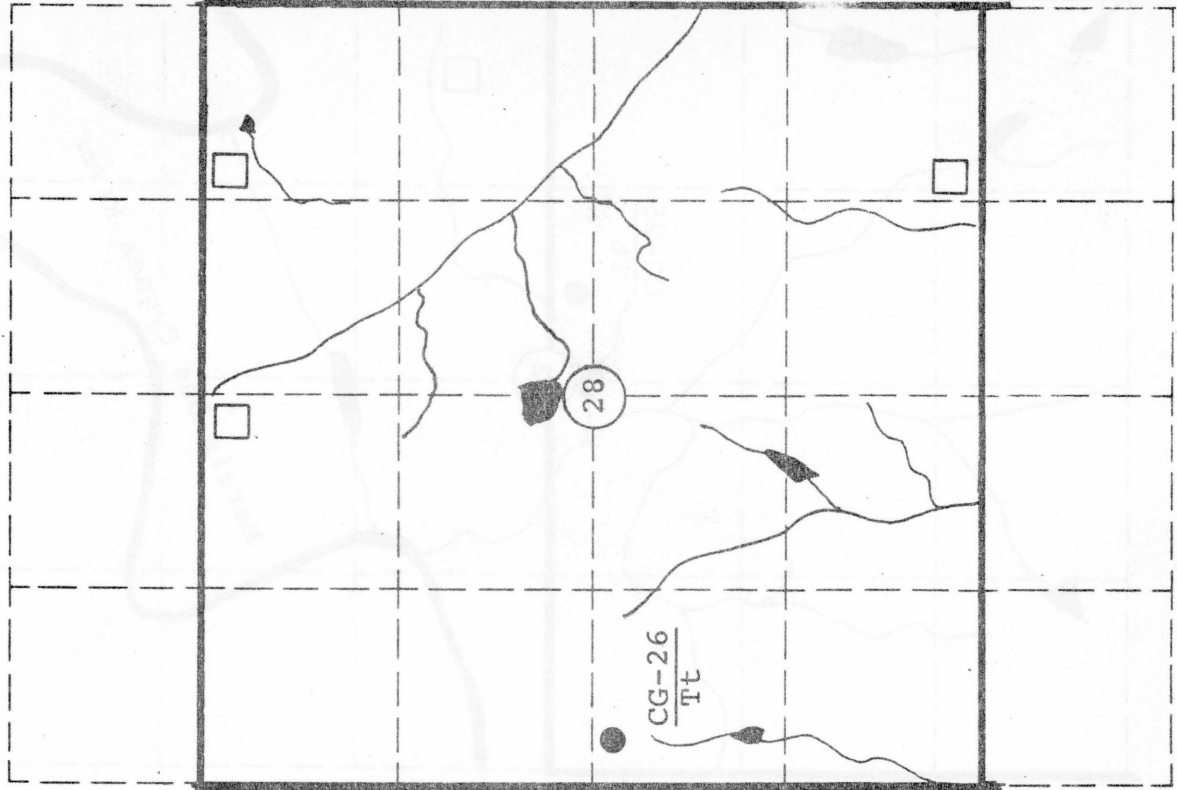
Site No. CG-26 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NW 1/4, SW 1/4 Sec. 28 Twp. 17S Range 15E
 Owner Lloyd Bartee address Osage City, Kansas
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of Material over Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar to _____
 Specific Gravity (sat.) _____ (dry) _____
 Los Angeles Near _____
 Absorption _____ Soundness _____
 St. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

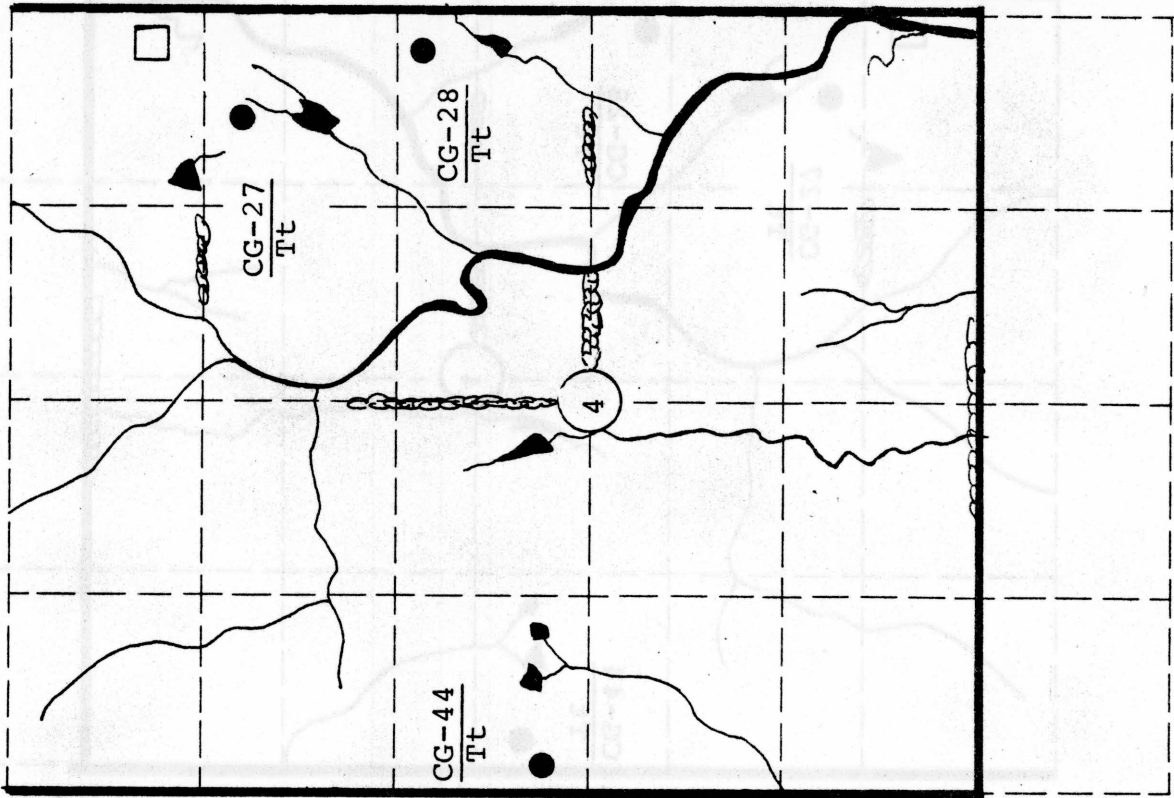
Site No. CG-27 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NE $\frac{1}{4}$, NE $\frac{1}{4}$ Sec. 4 Twp. 18S Range 15E
 Owner George R. Evans, et al Lebo, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.	
				1/2	3/4	3/8	4	8	16	30	50					100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Set.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

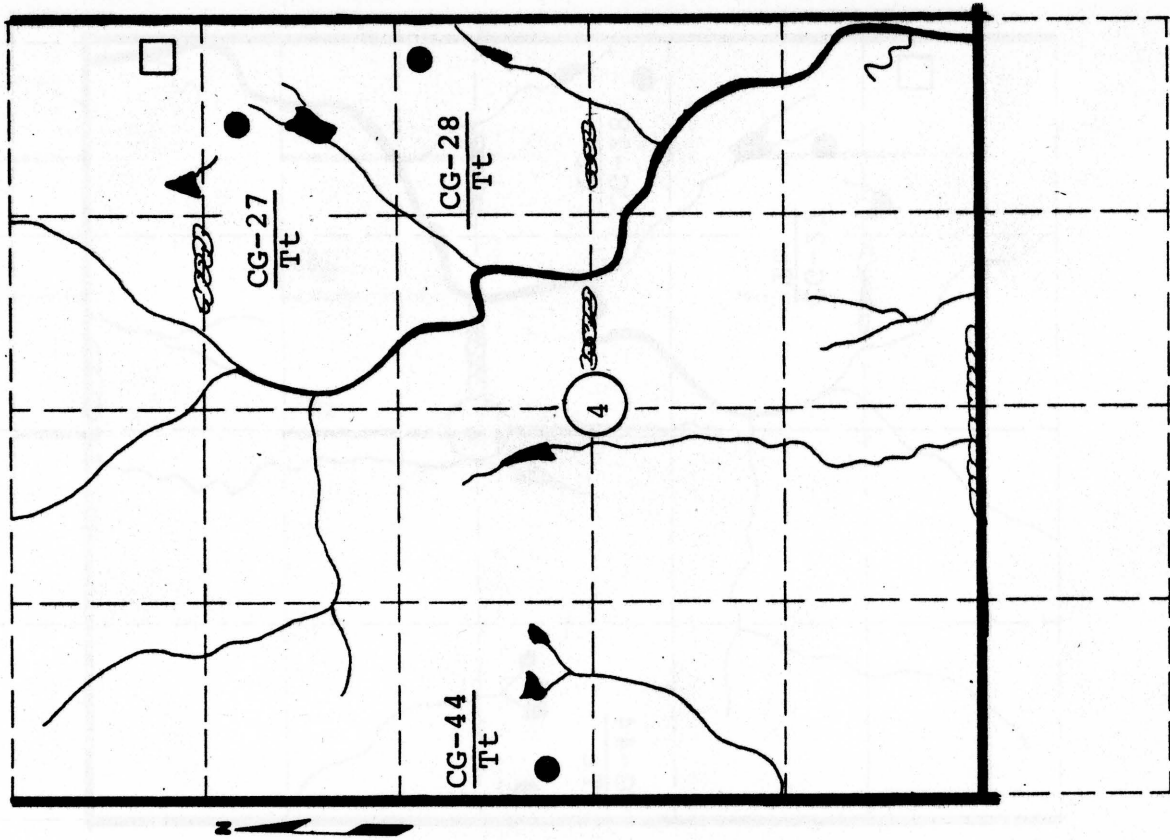
Site No. CG-28 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SE 1/4, NE 1/4 Sec. 4 Twp. 18S Range 15E
 Owner George R. Evans, et al Lebo, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Set.) _____ (Dry)
 Los Angeles Weir _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

CG-29
Tt

Site No. _____ Date June, 1966

Material Chert Gravel County Osage

Location SE 1/4, NE 1/4 Sec. 3 Twp. 18S Range 15E

Owner George R. Wiley Lyndon, Kansas
address

Nature of Deposit Dry Accessibility Fair

Status of Site Open site; not sampled

EXPLORATION DATA

Test Note	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pliocene(?)

Geological Source Tertiary Terrace

Material Similar To _____

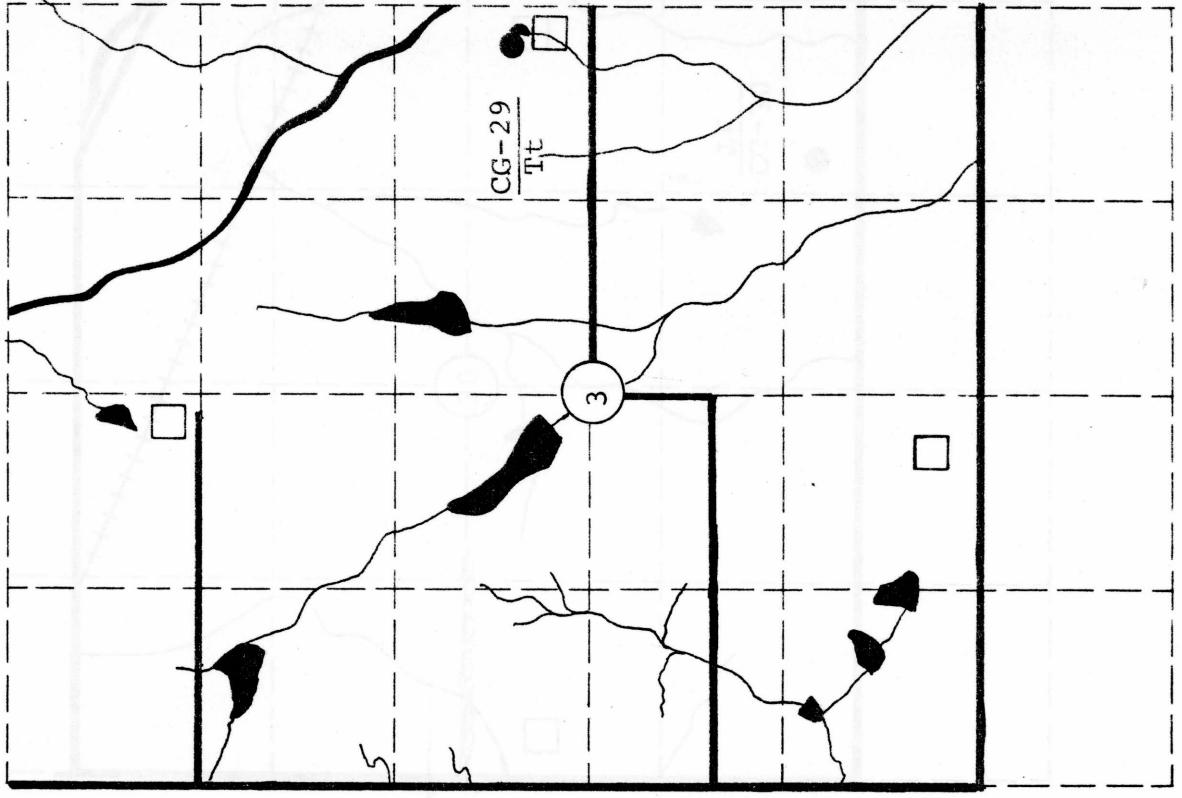
Specific Gravity (Sat.) _____ (Dry) _____

Los Angeles Wear _____

Absorption _____ Soundness _____

Wt. Cu.Ft. _____ Str. Ratio _____

Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

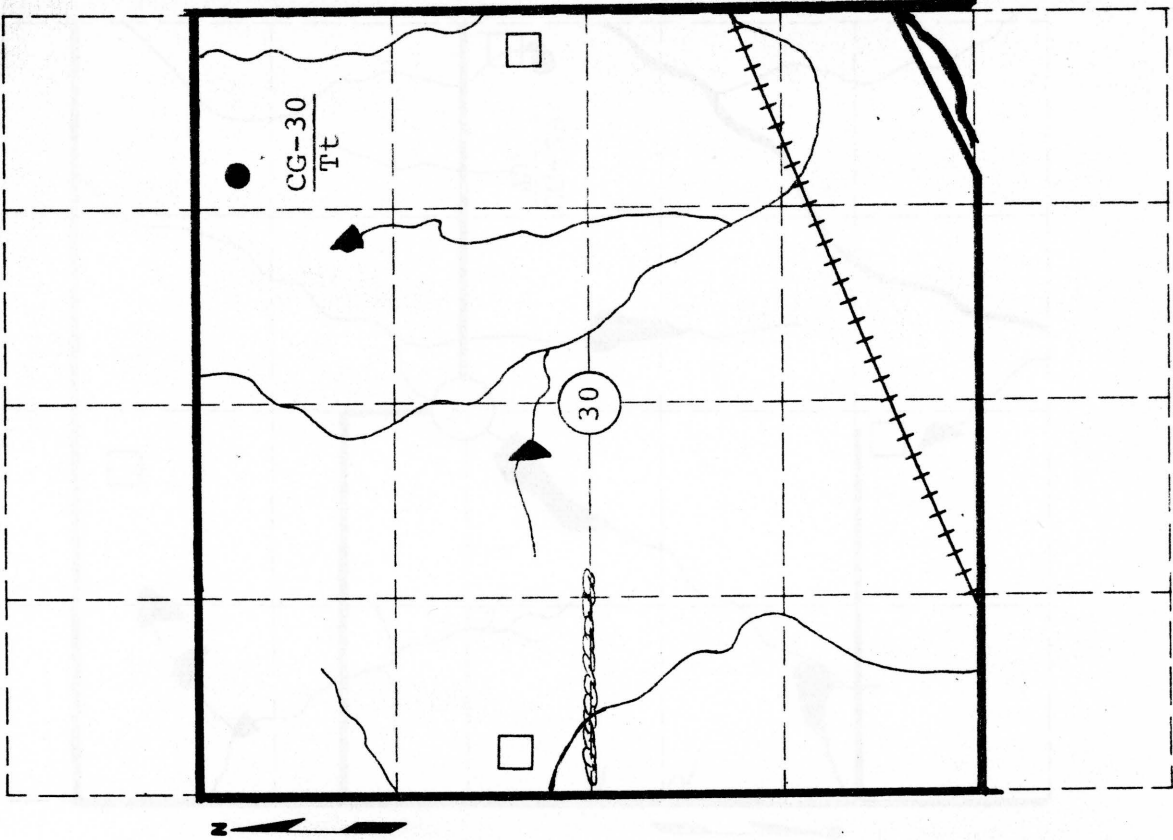
Site No. CG-30 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location NE 1/4, NE 1/4 Sec. 30 Twp. 17S Range 17E
 Owner Joe Kitt See Bob Miller, Lyndon, Kansas
 name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material Bottom of Hole	Depth of overburden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.
				1 1/2	3/4	3/8	4	8	16				

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) _____ (Dry)
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate VI



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

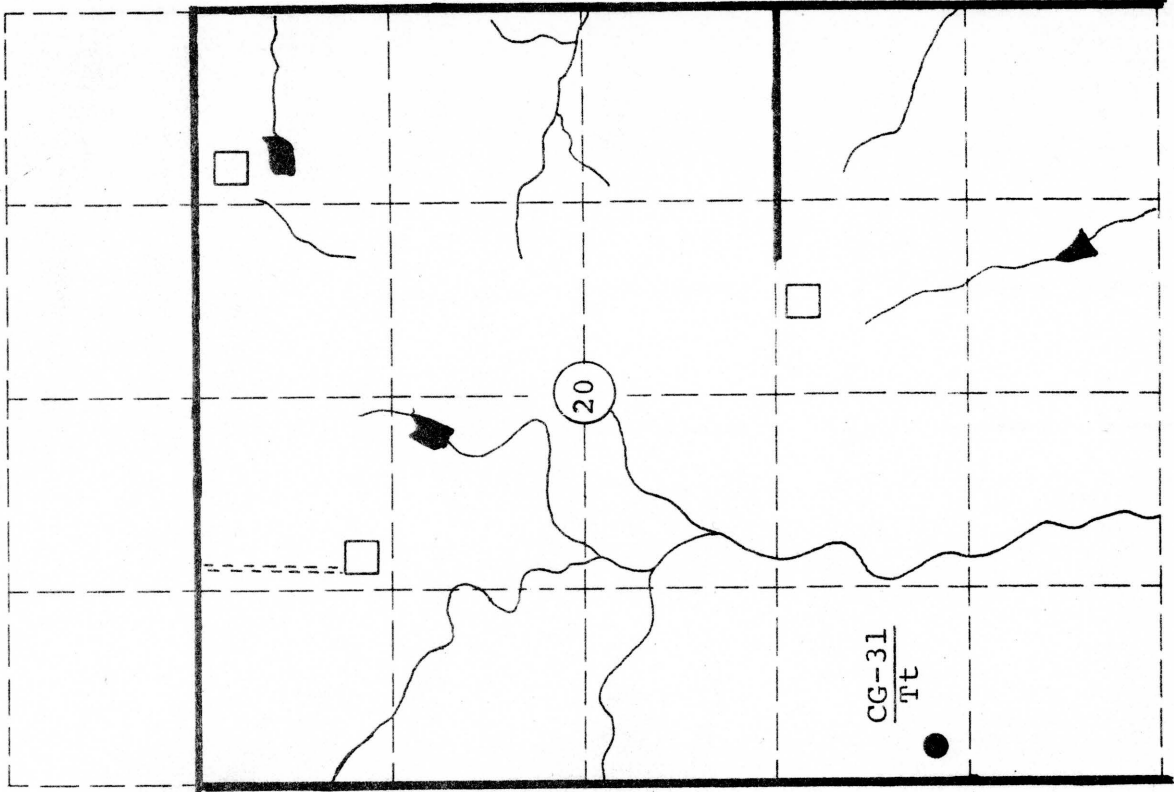
Site No. CG-31
Tt
 Date June, 1966
 Material Chert Gravel County Osage
 Location SW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 20 Twp. 17S Range 17E
 Owner Mary E. McClow, et al 211 W. 9th, Norfolk, Nebraska
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; not sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.	
				1 1/2	3/4	3/8	4	8	16					30

CORRELATION DATA

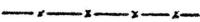

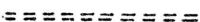

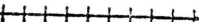
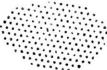










Geological Age Pliocene (?)
 Geological Source Tertiary Terrace
 Material Similar to _____
 Specific Gravity (Sat.) _____ (Dry) _____
 Los Angeles Wear _____
 Absorption _____ Soundness _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate VI



APPENDIX II

The following site data forms are designated as "open sites; sampled." The sites described herein are depicted on the county materials maps as a "■".

LEGEND

	Fence		Farm site
	Trail or lane		Open materials site
	Railroad		Prospective materials site
	Road		Center of section
	Hedge or trees		Cemetery
	Major streams		School
	Intermittent streams		Church
	Pond or lake		Town or city

MATERIAL SURVEY REPORT

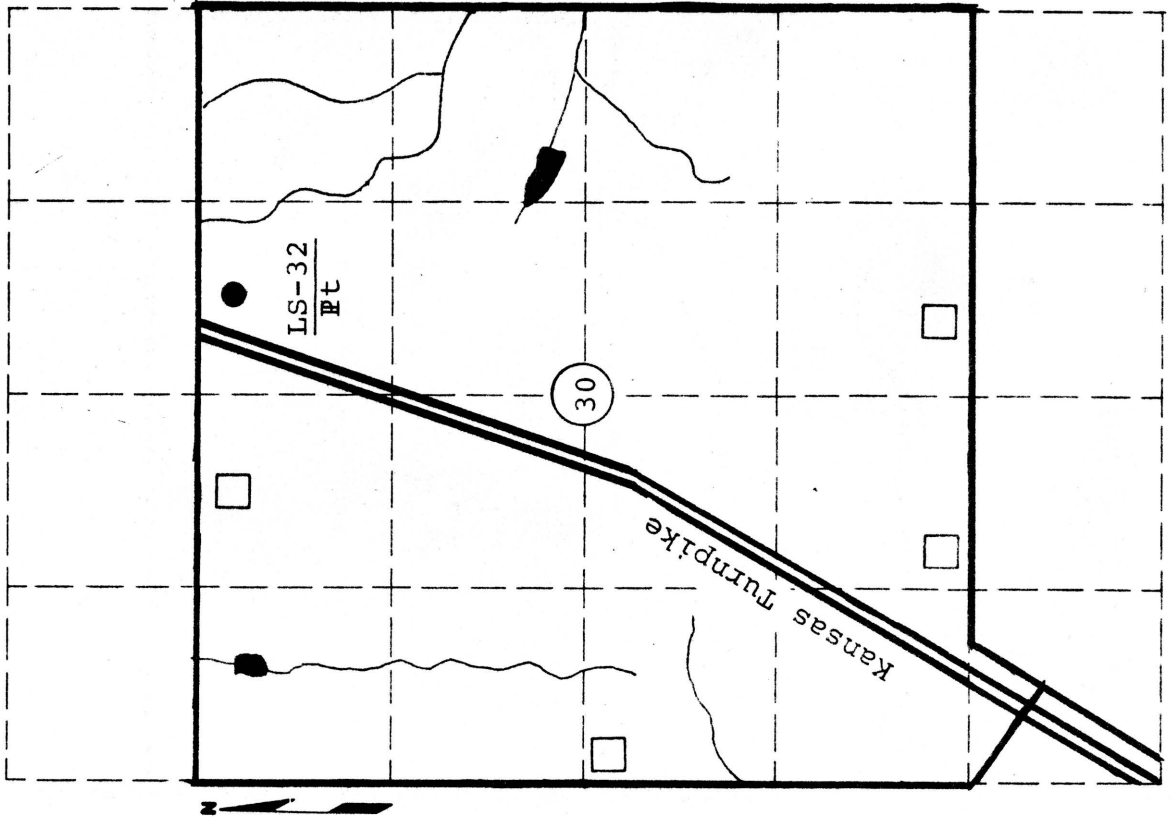
Site No. LS-32 Date June, 1966
Pt
 Material Limestone County Osage
 Location NW $\frac{1}{4}$, NE $\frac{1}{4}$ Sec. 30 Twp. 14S Range 14E
 Owner Ora Ethel Moore address Burlingame, Kansas
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.		
				1 1/2	3/4	3/8	4	8	16					30	50

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Tarkio Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-41
 Specific Gravity (Sat.) 2.62 (Dry)
 Los Angeles Wear 25.0 (B)
 Absorption 3.00 Soundness 0.93
 Wt. Cu.Ft. Plate I Str. Ratio
 Remarks



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

Site No. LS-33 Date June, 1966
Pt
 Material Limestone County Osage
 Location SE 1/4, SE 1/4 Sec. 12 Twp. 15S Range 13E
 Owner Glen M. Buek, et ux Burlingame, Kansas
Dry name address
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; sampled

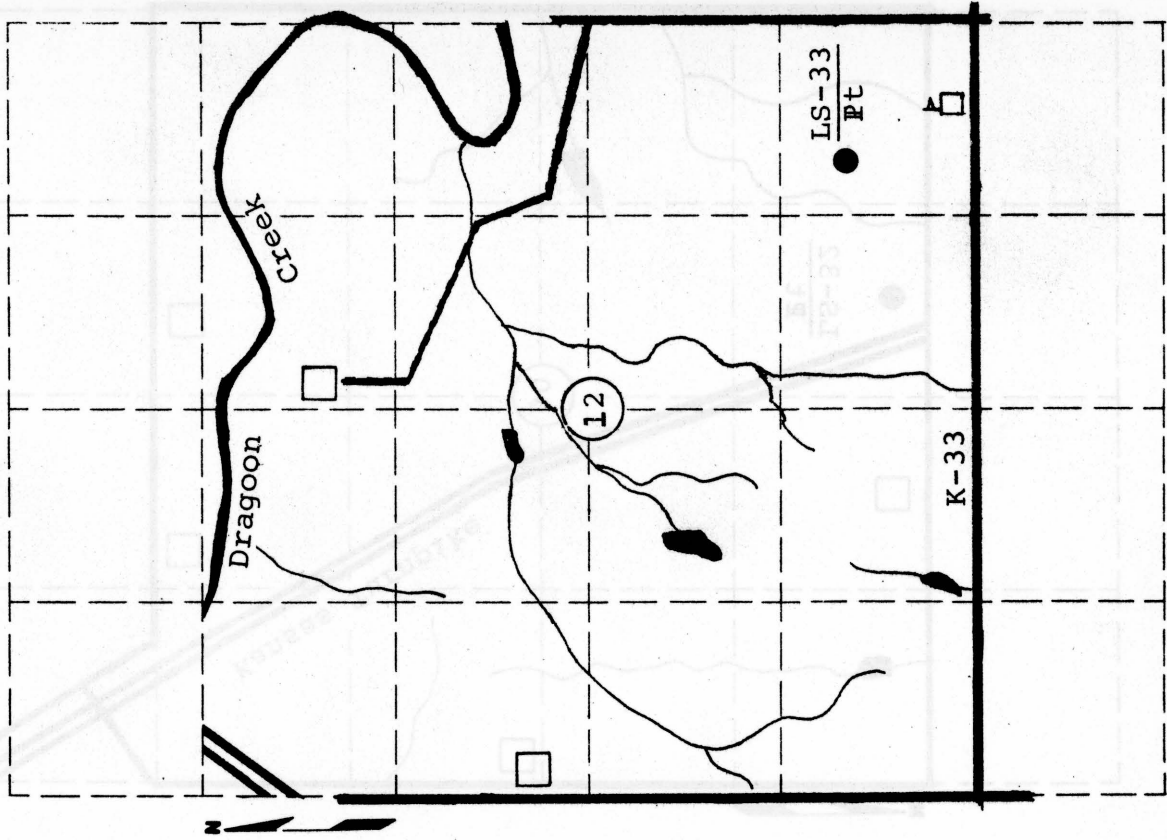
EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30				50	100

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Tarkio Limestone
 Material Similar To Material produced at site LS-32
Pt

Specific Gravity (Sat.) 2.49, 2.53 (Dry) 2.40, 2.44
 Los Angeles Near 30.1(A), 26.3(A)
 Absorption 4.01, 3.45 Soundness 0.83, 0.89
 Wt. Cu.Ft. 90.5 Str. Ratio _____
 Remarks Plate I Site is abandoned



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

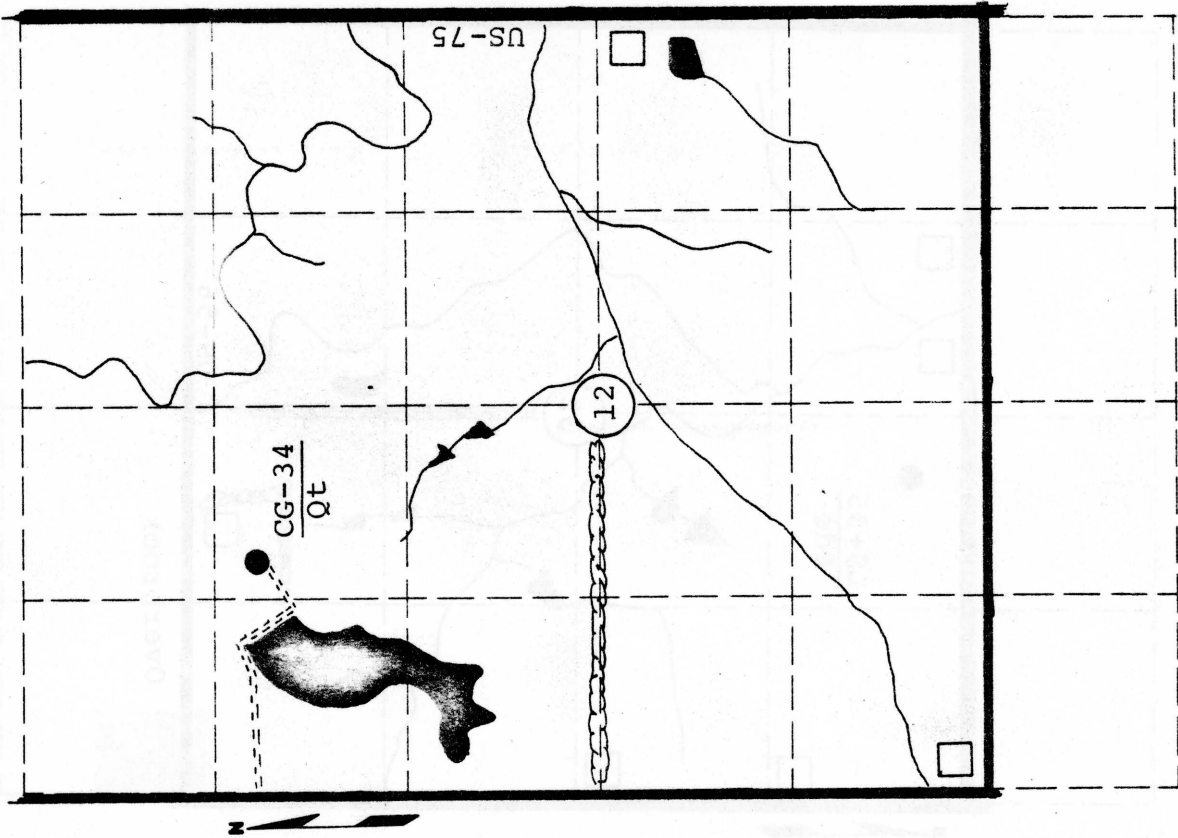
Site No. CG-34 Date June, 1966
Qt
 Material Chert Gravel County Osage
 Location NE 1/4, NW 1/4 Sec. 12 Twp. 15S Range 15E
 Owner City of Scranton
 Nature of Deposit Dry Accessibility Fair
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30	50					100	
				0	25	44	56	64	68	70	71	72	27	64	70		

CORRELATION DATA

Geological Age Pleistocene
 Geological Source Quaternary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) 2.53 (dry) 2.46
 Los Angeles Wear 20.0 (B)
 Absorption _____ Soundness 0.95
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate II



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

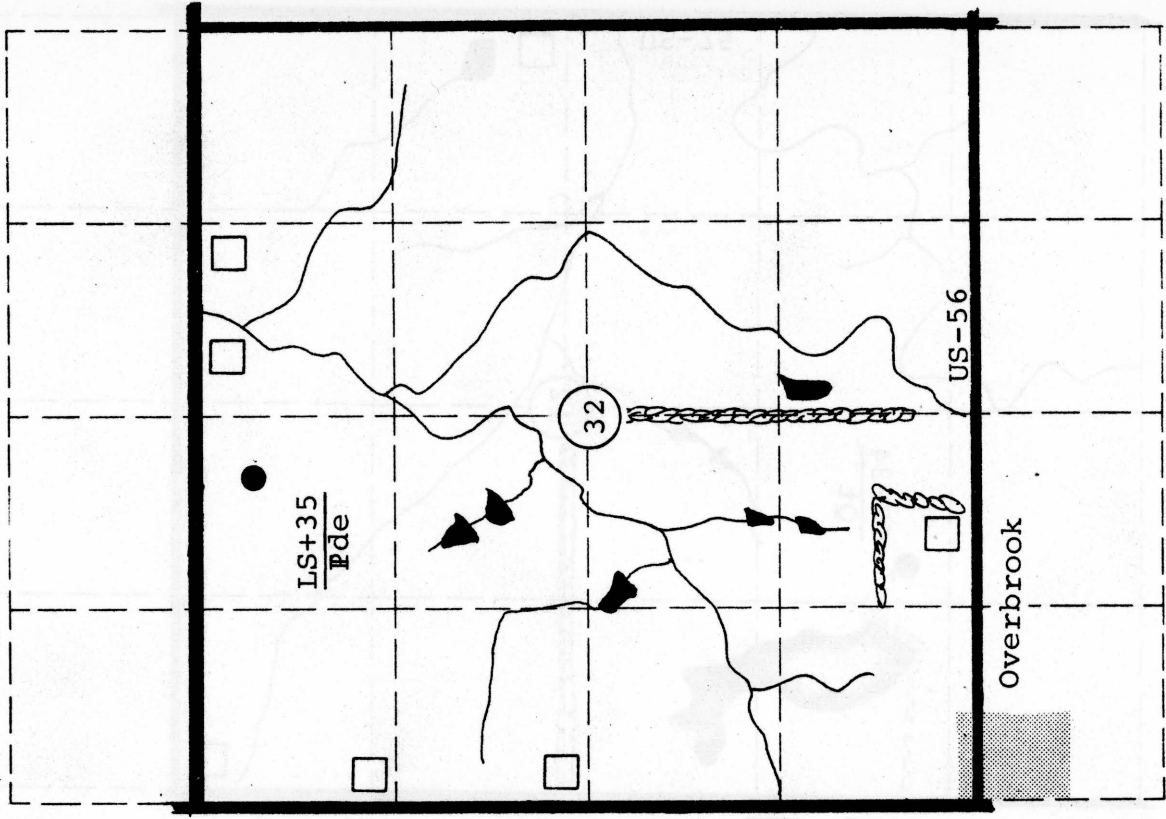
Site No. LS+35
Pde
 Date June, 1966
 Material Limestone County Osage
 Location NE 1/4, NW 1/4 Sec. 32 Twp. 14S Range 17E
 Owner Nathaniel Gruber Overbrook, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.					
				1 1/2	3/4	3/8	4	8	16					30	50	100		

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Ervine Creek Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-28
 Specific Gravity (sat.) 2.57 (Dry)
 Los Angeles Wear 28.6 (B)
 Absorption 3.10 Soundness 0.91
 Wt. Cu.Ft. Plate II Str. Ratio
 Remarks



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

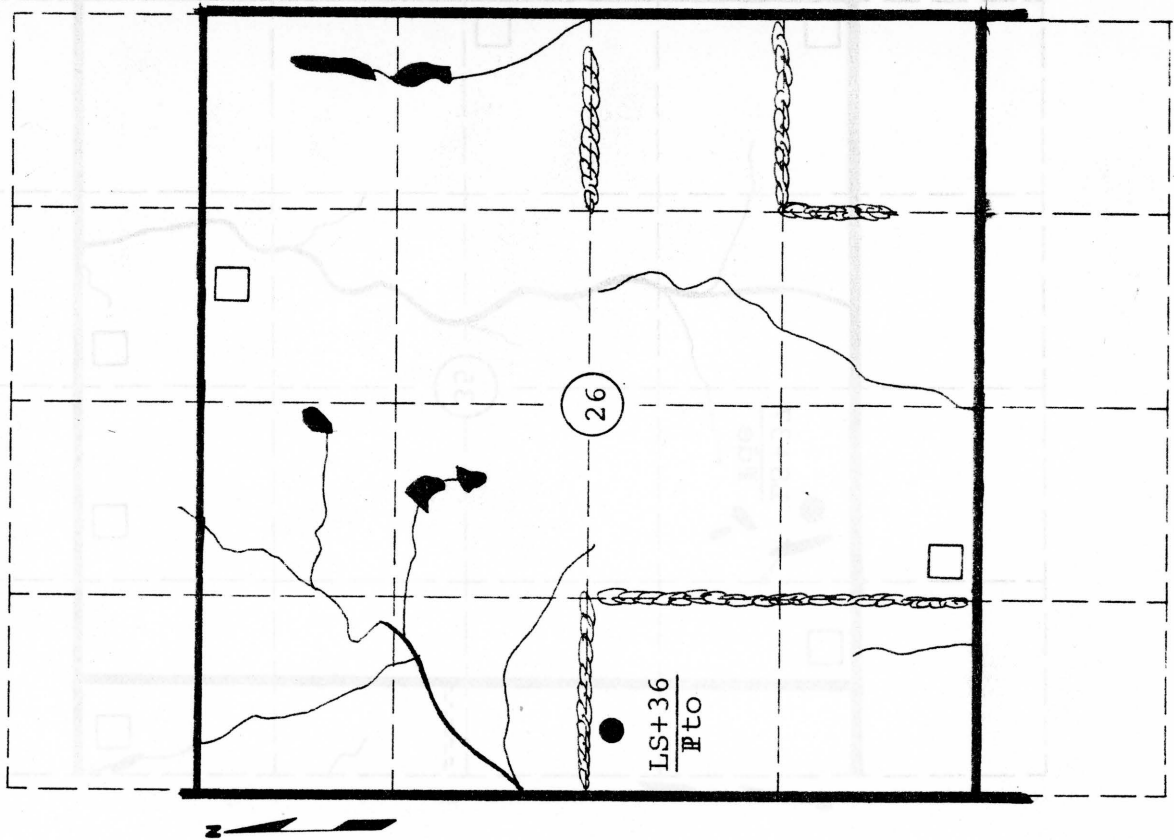
Site No. LS+36 Date June, 1966
Pto
 Material Limestone County Osage
 Location NW $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 26 Twp. 15S Range 15E
 Owner L. D. Pierce, et ux Lyndon, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.					
				1/2	3/4	3/8	4	8	16					30	50	100		

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Topeka Limestone
 Material Similar To _____
 Specific Gravity (sat.) 2.55, 2.51 (dry) 2.43, 2.37
 Los Angeles Wear 37.1(B) 40.0(B)
 Absorption 4.76, 5.85 Soundness 0.77, 0.87
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



MATERIAL SURVEY REPORT

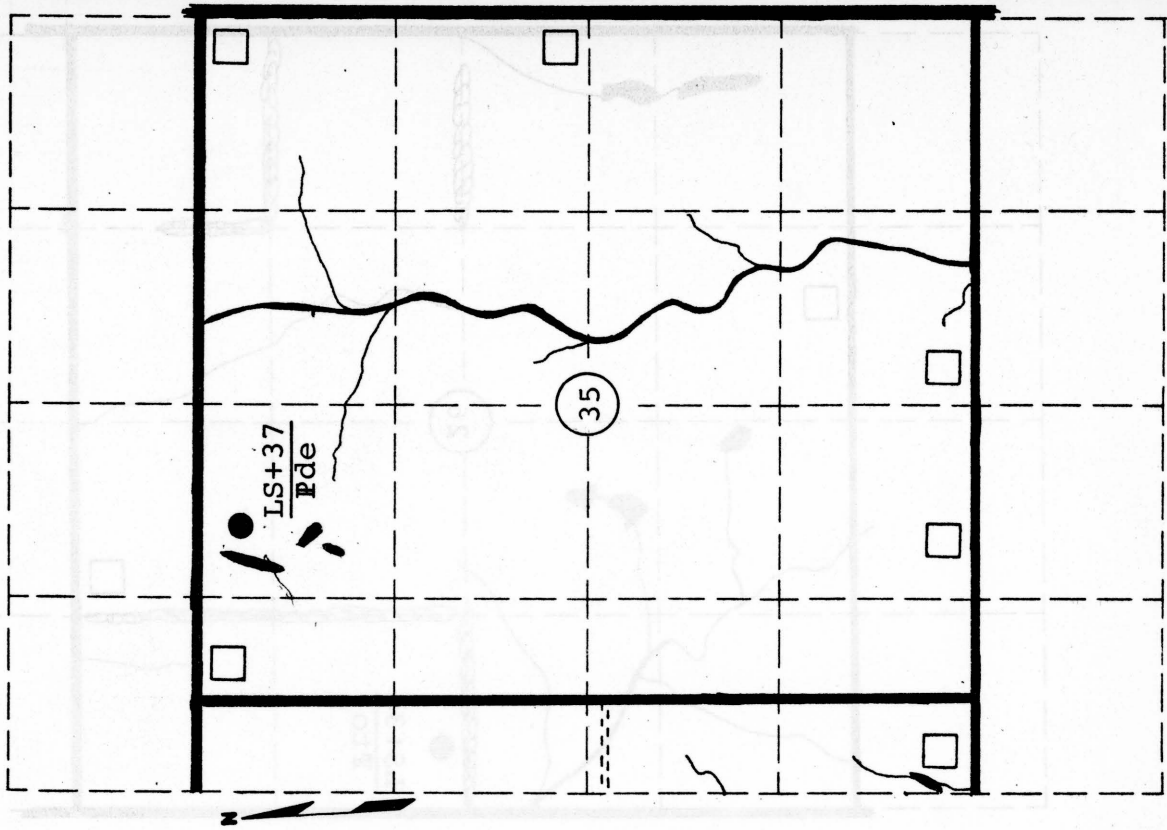
Site No. LS+37 Date June, 1966
Pde
 Material Limestone County Osage
 Location NE 1/4, NW 1/4 Sec. 35 Twp. 16S Range 15E
 Owner R. T. Farnsworth Osage City, Kansas
 name address
 Nature of Deposit Wet Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of overburden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.							
				1 1/2	3/4	3/8	4	8	16					30	50	100				

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Ervine Creek Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-42
 Specific Gravity (Sat.) 2.59 (Dry) 2.52
 Los Angeles Weir 29.4
 Absorption 2.65 Soundness 0.93
 Mt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



MATERIAL SURVEY REPORT

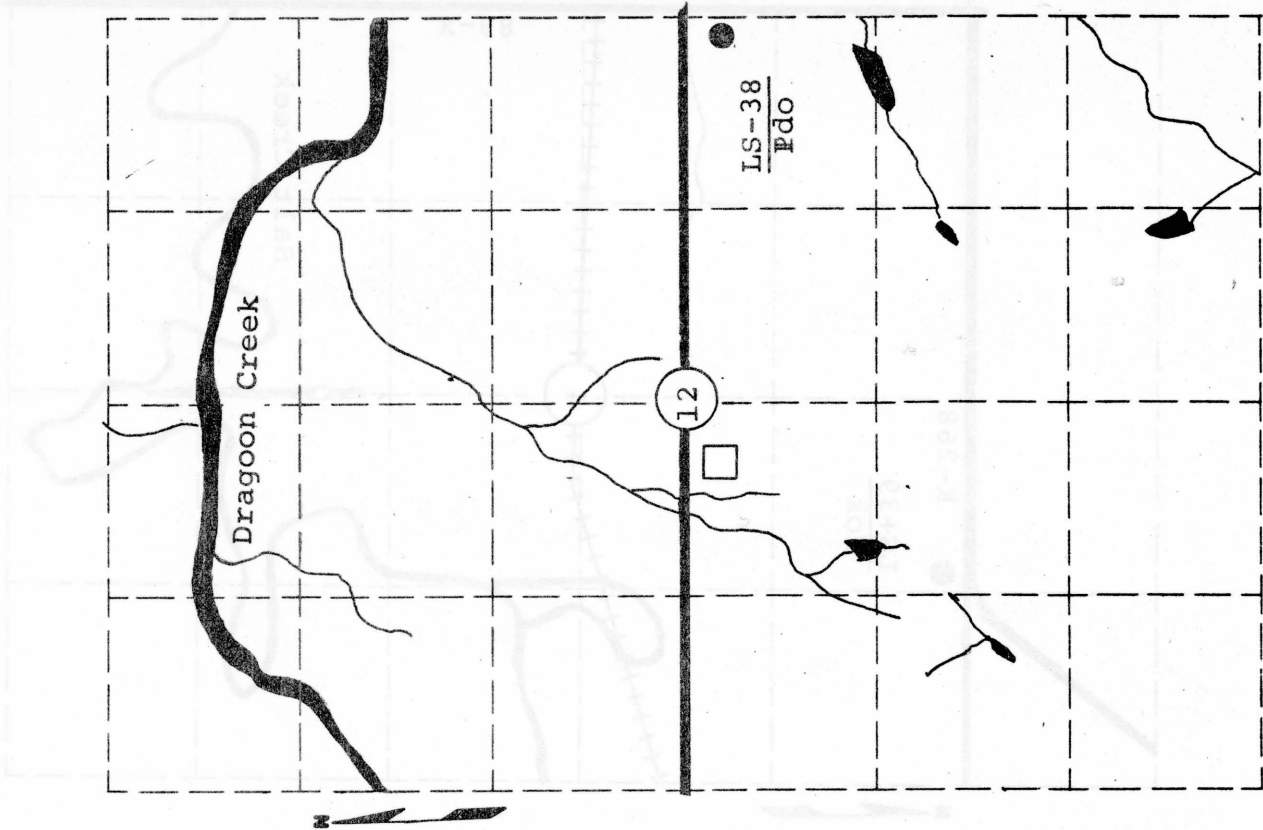
Site No. LS-38
Pdo
 Material Limestone
 Location NE 1/4, SE 1/4 Sec. 12 Twp. 16S Range 15E
 Owner W. C. Neihart, et ux Lyndon, Kansas address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained						Wash 200	G.F.	L.L.	P.I.					
				1 1/2	3/4	3/8	4	8	16					30	50	100		

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Qzawkie Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-48
 Specific Gravity (sat.) 2.45 (dry) 2.32
 Los Angeles Wear 5.60
 Absorption 0.97 Soundness 0.97
 Wt. Cu-ft. Plate IV Str. Ratio _____
 Remarks _____



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

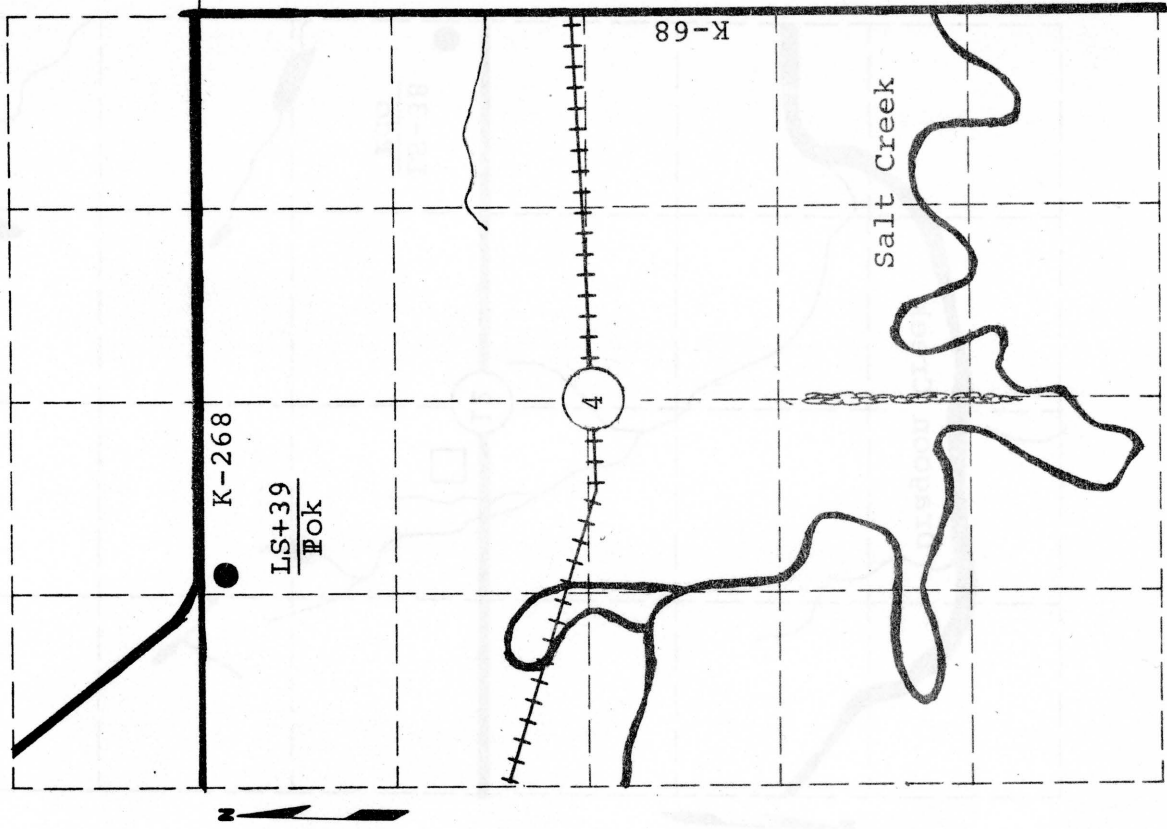
Site No. LS+39 Date June, 1966
POK
 Material Limestone County Osage
 Location NE 1/4, NW 1/4 Sec. 4 Twp. 17S Range 17E
 Owner W. M. Lacey address Quenemo, Kansas
 name
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained					Wash 200	G.F.	L.L.	P.I.
				1/2	3/4	3/8	4	8				

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Kereford Limestone
 Material Similar to Material reported on SHC Form 619
 No. 70-49
 Specific Gravity (Sat.) 2.54 (Dry) 2.47
 Los Angeles Wear 28.9 (B)
 Absorption 2.98 Soundness 0.97
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

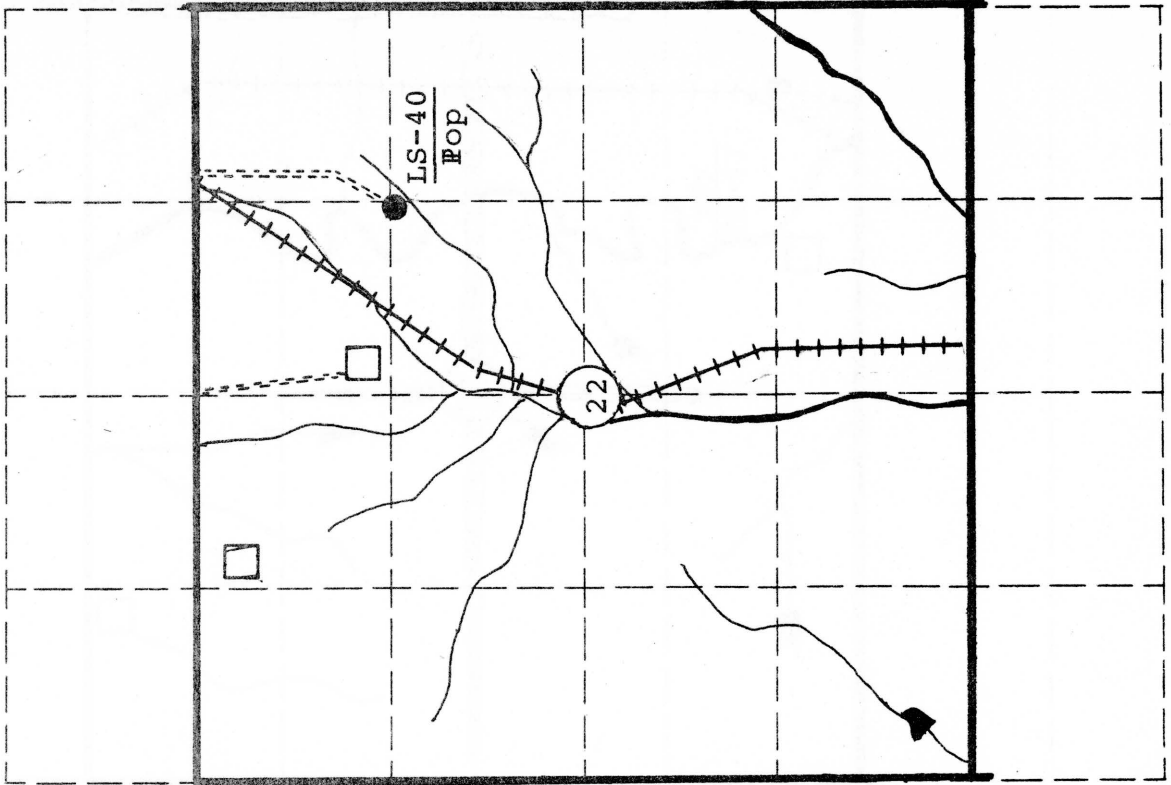
Site No. LS-40 Date June, 1966
Pop
 Material Limestone County Osage
 Location Center NE 1/4 Sec. 22 Twp. 16S Range 17E
 Owner Victor R. or Gordon E. Hughes Wellsville, Kansas
 name address
 Nature of Deposit Dry Accessibility Poor
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at bottom of Hole	Depth of overburden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Plattsmouth Limestone
 Material Similar To Material reported on SHC Form 619
NO. 70-40
 Specific Gravity (Sat.) 2.58 (Dry)
 Los Angeles Wear 36.3(A)
 Absorption 2.60 Soundness 0.95
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV Site abandoned



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

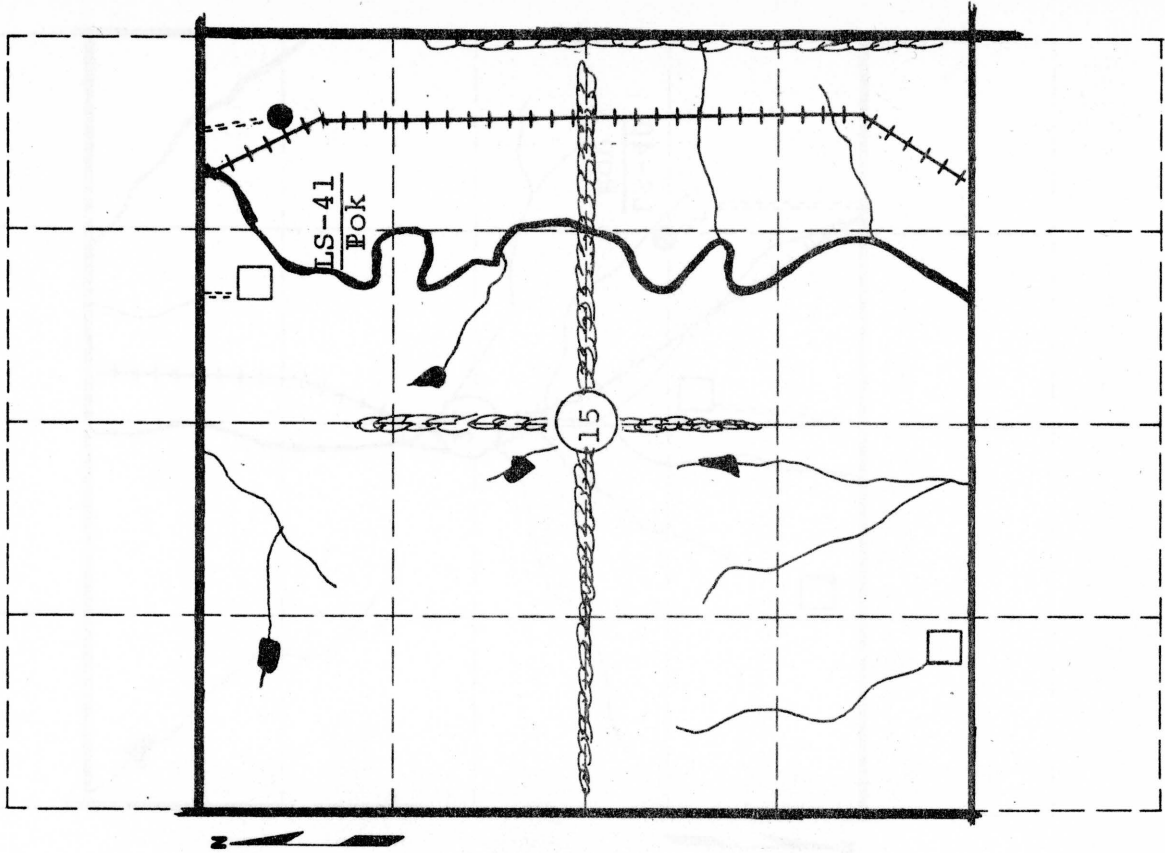
Site No. LS-41 Date June, 1966
POK
 Material Limestone County Osage
 Location NE 1/4, NE 1/4 Sec. 15 Twp. 16S Range 17E
 Owner George M. Ramshaw Quenemo, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained										Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30	50	100	200						

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Kereford Limestone
 Material Similar to Material reported on SHC Form 645
 NO. 17804
 Specific Gravity (sat.) 2.56 (Dry) 2.49
 Los Angeles Wear
 Absorption 2.61 Soundness 0.96
 Wt. Cu.Ft. Plate IV Str. Ratio
 Remarks



MATERIAL SURVEY REPORT

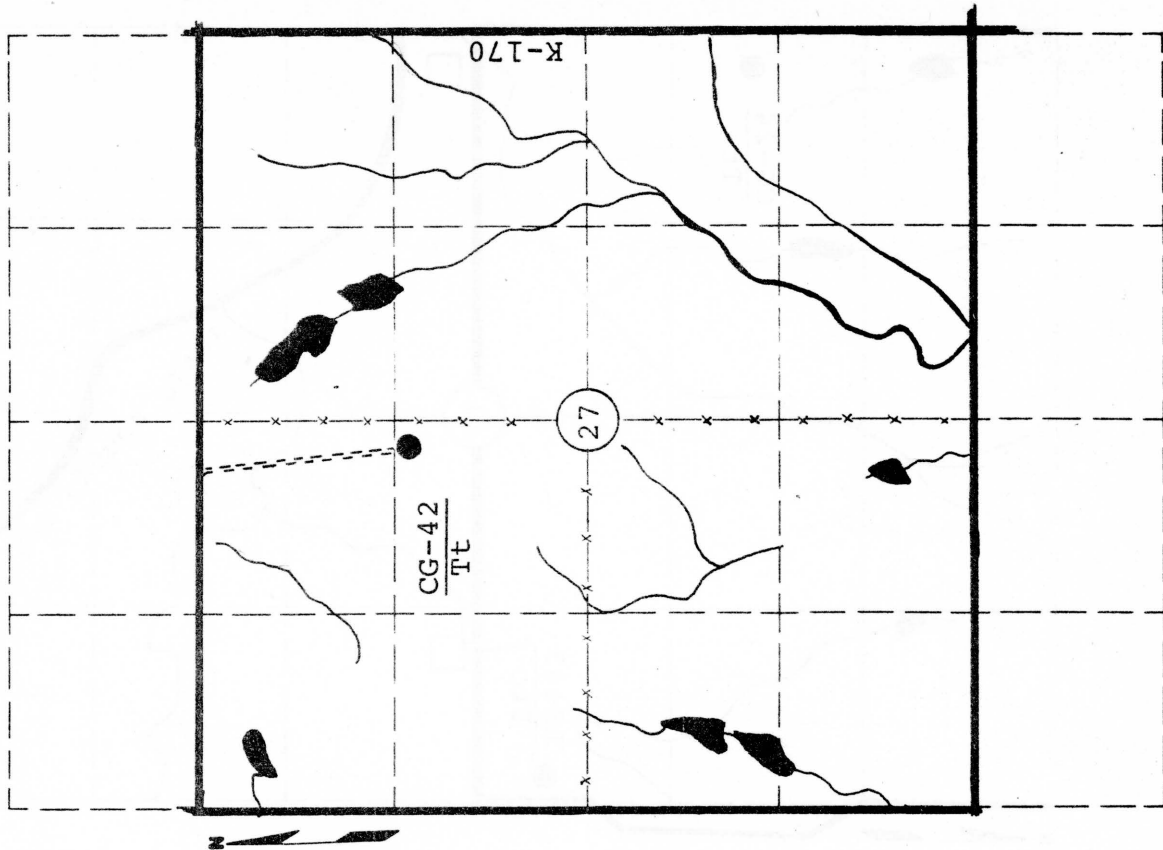
Site No. CG-42 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SE 1/4, NW 1/4 Sec. 27 Twp. 17S Range 14E
 Owner Verda Dawson address Osage City, Kansas
 Nature of Deposit DRY Accessibility Fair
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.	
				1/2	3/4	3/8	4	8	16	30	50					100
				0	33	53	65	74	80	83	84	85	153	5.57		

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) 2.56 (Dry) 2.51
 Los Angeles Near 19.5 (A)
 Absorption _____ Soundness 1.00
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

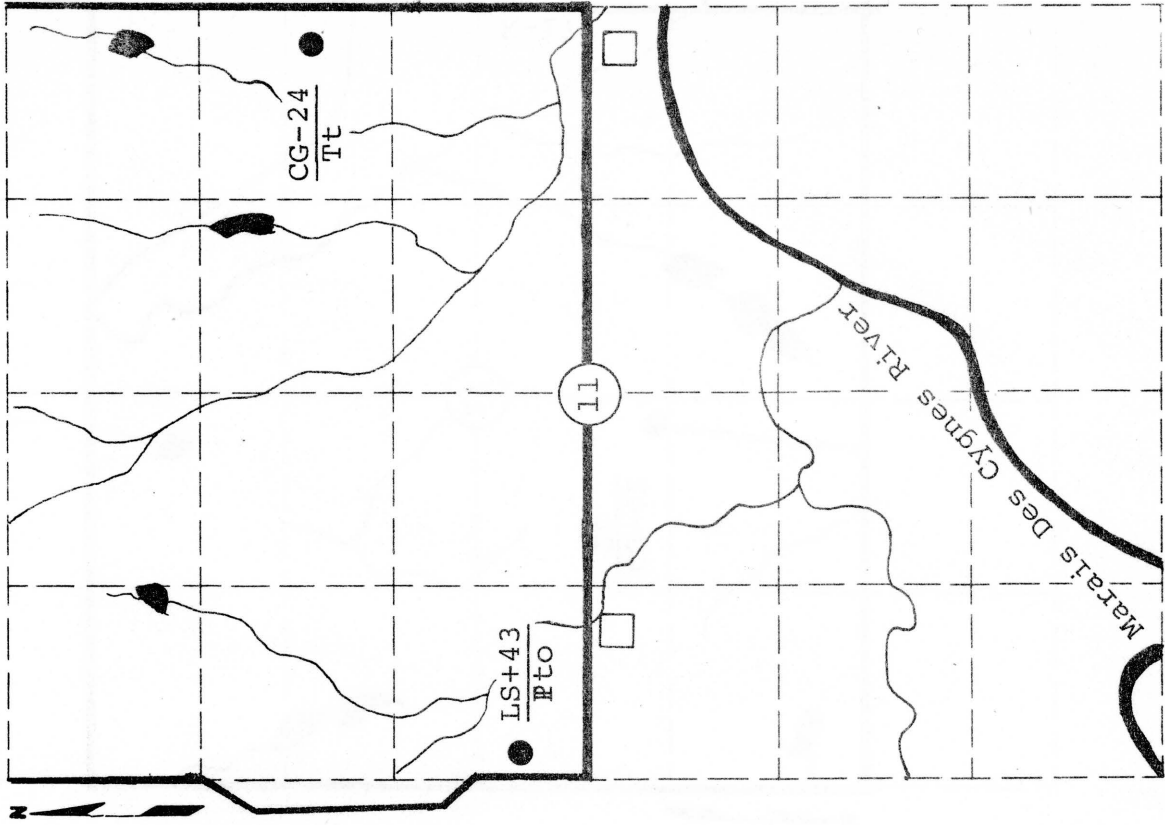
Site No. LS+43 Date June, 1966
Pto
 Material Limestone County Osage
 Location SW $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 11 Twp. 18S Range 14E
 Owner Ida L. Booth address Osage City, Kansas
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.L.	
				1 1/2	3/4	3/8	4	8	16	30	50					100

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Topeka Limestone
 Material Similar to Material reported on SHC Form 619
 No. 70-44
 Specific Gravity (Sat.) 2.59, 2.59, 2.62, 2.61 2.53, 2.53, 2.56,
29.2 2.56
 Los Angeles Wear 2.72, 2.54, 2.20, 2.12 Soundness 0.95
 Absorption _____
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate V



MATERIAL SURVEY REPORT

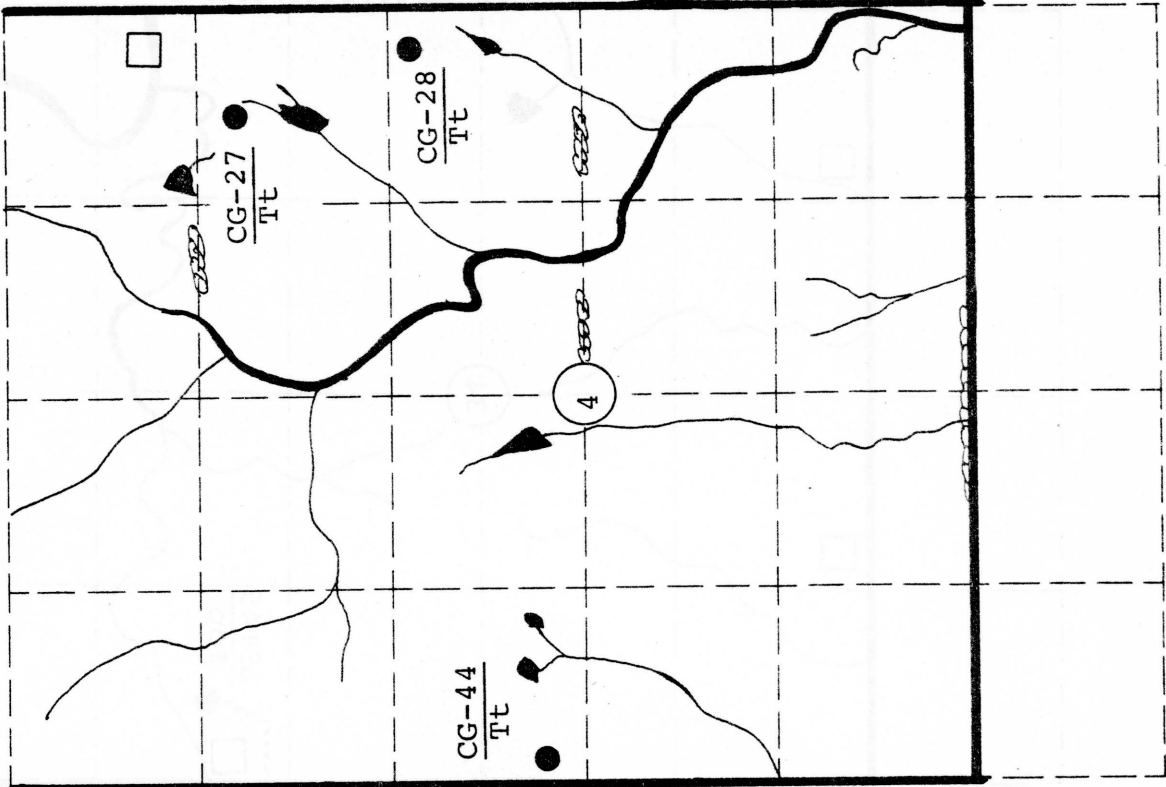
Site No. CG-44 Date June, 1966
Tt
 Material Chert Gravel County Osage
 Location SW $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 4 Twp. 18S Range 15E
 Owner Lloyd Bartee address Osage City, Kansas
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained								Wash 200	G.F.	L.L.	P.I.	
				1 1/2	3/4	3/8	4	8	16	30	50					100
2				25	47	59	68	72	74	75	77	22.4	4.99			
4				35	68	84	91	92	93	94	95	5.05	6.56			

CORRELATION DATA

Geological Age Pliocene(?)
 Geological Source Tertiary Terrace
 Material Similar To _____
 Specific Gravity (Sat.) 2.53 (Dry) 2.49
 Los Angeles Near 17.2(A)
 Absorption _____ Soundness 0.97
 Wt. Cu.Ft. 96.7 Str. Ratio _____
 Remarks Plate V



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

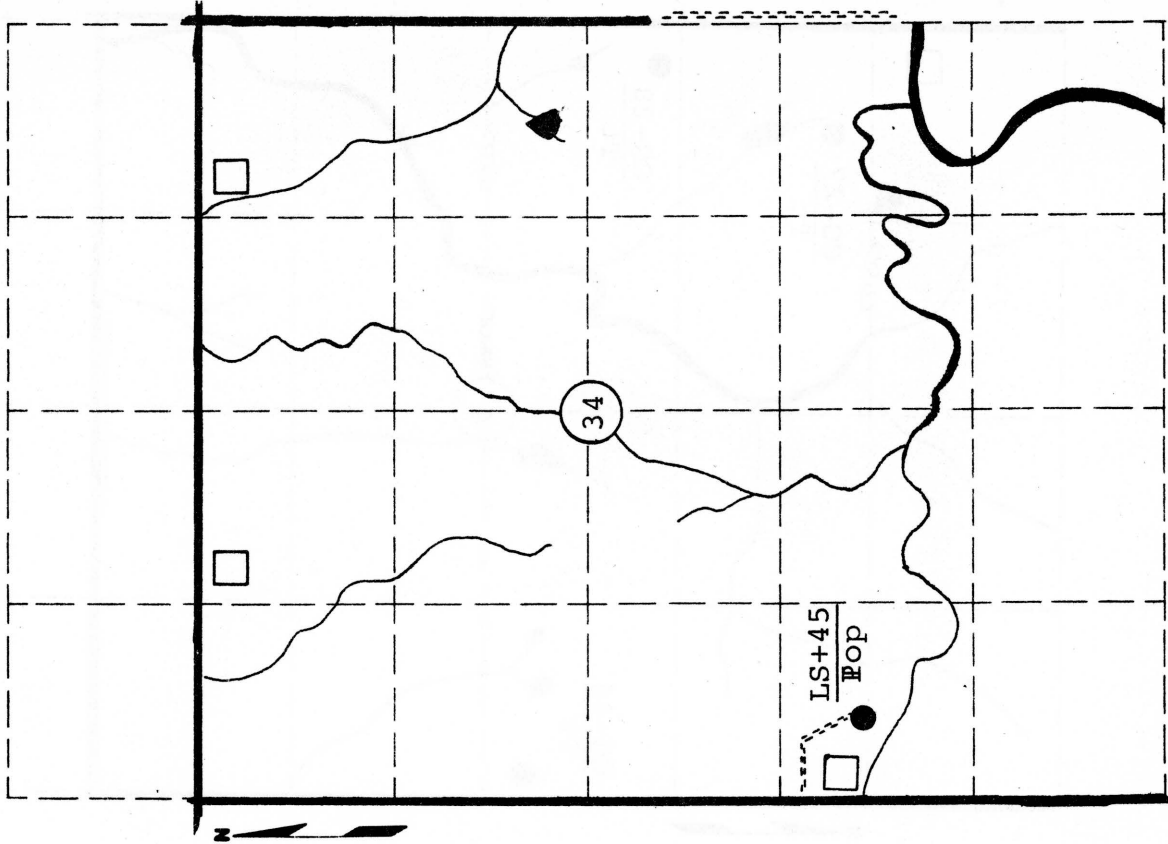
Site No. LS+45 Date June, 1966
POP
 Material Limestone County Osage
 Location SW 1/4, SW 1/4 Sec. 34 Twp. 17S Range 16E
 Owner Donald L. Evertson Melvern, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.I.		
				1/2	3/4	3/8	4	8	16	30					50	100

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Plattsmouth Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-36
 Specific Gravity (Sat.) 2.67, 2.59, 2.57, 2.51 (Dry)
 Los Angeles Weir 26.0 (A), 35.7 (A), 32.8 (A), 39.2 (A)
 Absorption 0.98, 1.96, 2.31, 3.78 Soundness 0.94, 0.94, 0.88, 0.85
 Wt. Cu.Ft. Plate VI Str. Ratio _____
 Remarks _____



Scale: 1" = 1/4 Mile

MATERIAL SURVEY REPORT

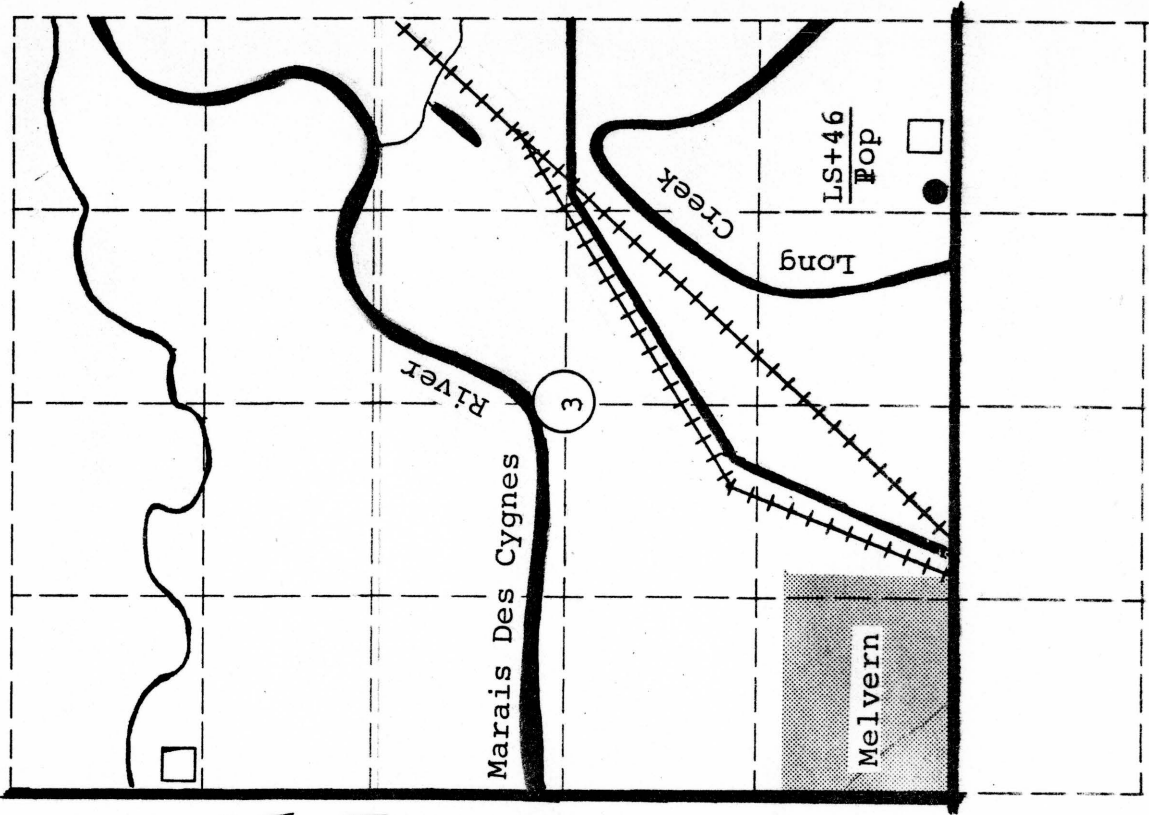
Site No. LS+46 Date June, 1966
POP
 Material Limestone County Osage
 Location SE 1/4, SE 1/4 Sec. 3 Twp. 18S Range 16E
 Owner E. H. Collins Melvern, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Open site; sampled

EXPLORATION DATA

Test Hole	Material Bottom of Hole	Depth of overburden	Depth of Material	PERCENT REFINED						Wash 200	G.F.	L.L.	P.I.
				1/2	3/4	3/8	4	8	16				

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Plattsmouth Limestone
 Material Similar To Material reported on SHC Form 619
 No. Osage County # 2
 Specific Gravity (Sat.) 2.59 (Dry)
 Los Angeles Weir 30.6(B)
 Absorption 2.60 Soundness 0.94
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate VI






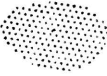
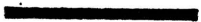











Scale: 1" = 1/4 Mile

APPENDIX III

The following site data forms are designated as "prospective sites; sampled." The sites described herein are depicted on the county materials maps as a "▼".

LEGEND

	Fence		Farm site
	Trail or lane		Open materials site
	Railroad		Prospective materials site
	Road		Center of section
	Hedge or trees		Cemetery
	Major streams		School
	Intermittent streams		Church
	Pond or lake		Town or city

MATERIAL SURVEY REPORT

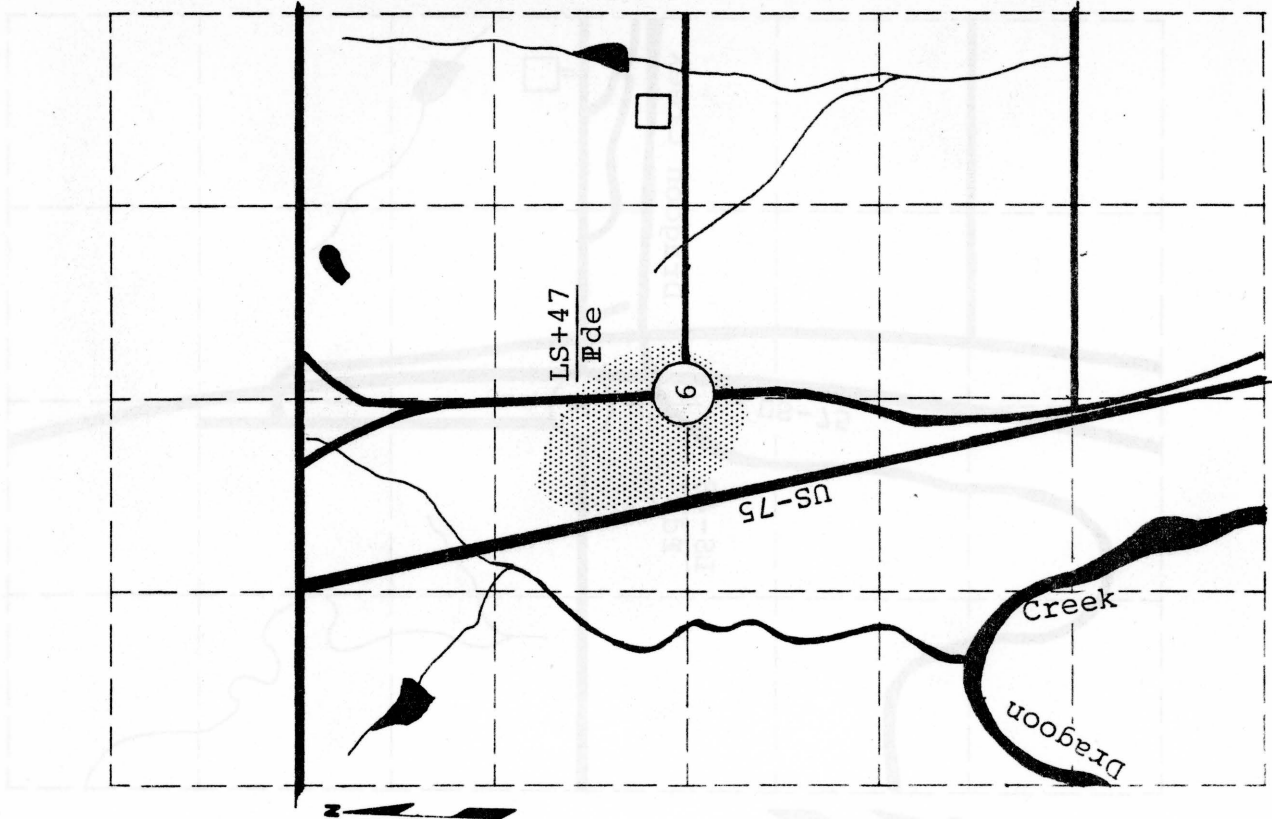
Site No. LS+47 Date June, 1966
Pde
 Material Limestone County Osage
 Location Center Sec. 6 Twp. 16S Range 16E
 Owner U. S. A. (Pomona Dam) address
 Nature of Deposit Dry Accessibility Good
 Status of Site Prospective site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P. I.			
				1 1/2	3/4	3/8	4	8	16	30					50	100	

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Ervine Creek Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-45
 Specific Gravity (Sat.) 2.61 (Dry) 2.56
 Los Angeles Wear 27.6(B)
 Absorption 1.92 Soundness 0.94
 Mt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



MATERIAL SURVEY REPORT

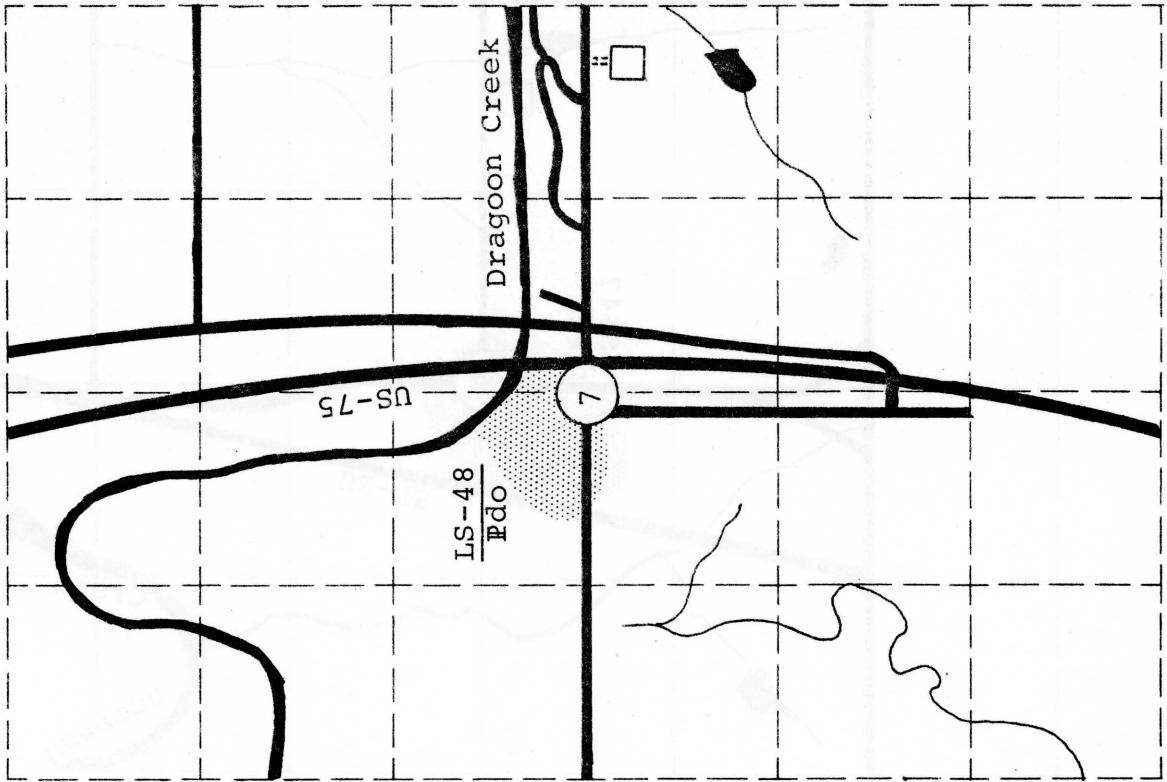
Site No. LS-48 Date June, 1966
Edo
 Material Limestone County Osage
 Location SE 1/4, NW 1/4 Sec. 7 Twp. 16S Range 16E
 Owner W. C. Neihart, et ux Lyndon, Kansas
 name address
 Nature of Deposit Dry Accessibility Good
 Status of Site Prospective site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of overburden	Depth of Material	Percent Retained																
				1 1/2	3/4	3/8	4	8	16	30	50	100	Wash 200	G.F.	L.L.	P.I.				

CORRELATION DATA

Geological Age Pennsylvanian
 Geological Source Ozawkie Limestone
 Material Similar To Material reported on SHC Form 619
 No. 70-47
 Specific Gravity (sat.) 2.52 (dry) 2.42
 Los Angeles Wear 30.60 (B)
 Absorption 3.96 Soundness 0.96
 Wt. Cu.Ft. _____ Str. Ratio _____
 Remarks Plate IV



MATERIAL SURVEY REPORT

Site No. LS-49
PL Date June, 1966

Material Limestone County Osage

Location NE 1/4, SE 1/4 Sec. 36 Twp. 18S Range 15E

Owner Justin W. Fellers name Olivet, Kansas address

Nature of Deposit Dry Accessibility Fair

Status of Site Prospective site; sampled

EXPLORATION DATA

Test Hole	Material at Bottom of Hole	Depth of over-Burden	Depth of Material	Percent Retained							Wash 200	G.F.	L.L.	P.L.				
				1/2	3/4	1	3/8	4	8	16					30	50	100	

CORRELATION DATA

Geological Age Pennsylvanian

Geological Source Lecompton Limestone

Material Similar To Material reported on SHC Form 619

No. 70-16

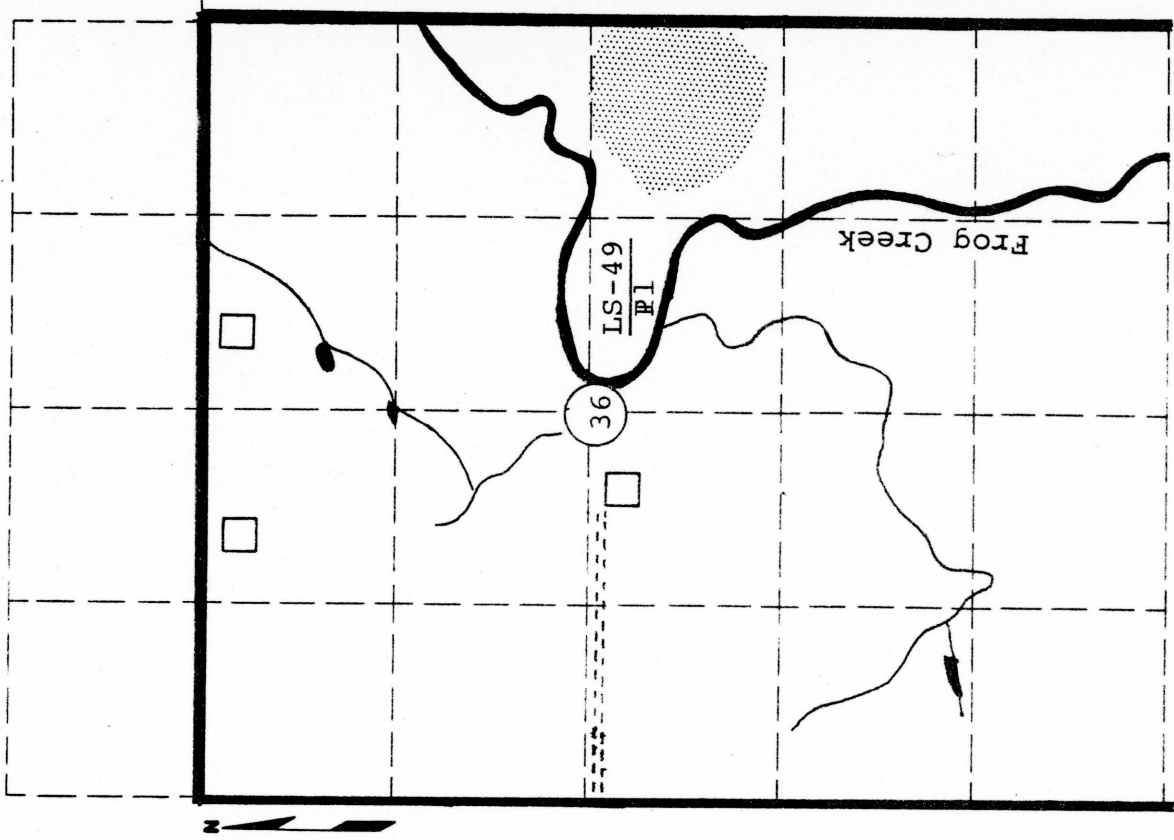
Specific Gravity (sat.) 2.56, 2.67, 2.60, 2.66 (dry)

Los Angeles Near 27.6(A), 26.6(A), 31.8(A), 26.6(A)

Absorption 2.31, 1.44, 1.98, 1.10 Soundness 0.87, 0.90, 0.90, 0.87

Wt. Cu.Ft. _____ Str. Ratio _____

Remarks Plate VI



Scale: 1" = 1/4 Mile