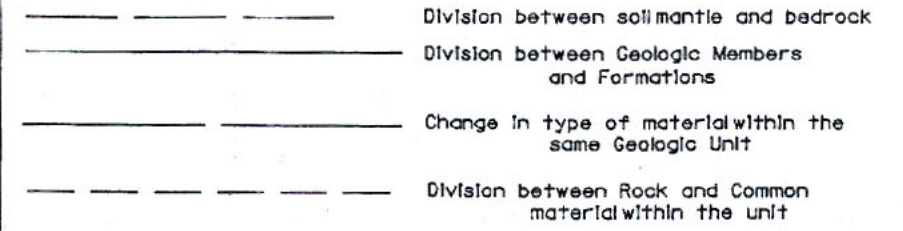


SYMBOL	MBR.	FM.	DESCRIPTION	THICKNESS
	Soil Mantle		Glacial deposits Reworked till, silty to sandy clays. Tan to reddish brown. Chert gravel and erratics common.	0-150 0-150
	West Branch Shale	Janesville Shale	Shale, gray/green Calcareous	3.0 ± 3.0 ±
		Falls City Limestone	Limestone, light gray Fitted due to solution weathering. Soft Hard where overlain by shale.	5.0 ± 5.0 ±
	Hawxby Shale	Onaga Shale	Shale, tan, limy Contains numerous thin limestones and limy zones.	38.0 ± 38.0 ±

SYMBOL	MBR.	FM.	DESCRIPTION	THICKNESS
	Dry Shale		Shale, firm, green, limy	28.0-38.0 28.0-38.0
	Dover Limestone		Limestone, tan, hard Shale, limy, clayey where weathered	1.5-4.0 3.0 ±
		Pillsbury Shale	Limestone, tan/gray Weathers to blocks or platy chips Shale, silty to sandy Scattered calcareous concretions. Gray, tan where weathered.	2.0-3.0 7.0 ±
		Zeandale Limestone	Shale, silty to sandy Scattered calcareous concretions. Gray, tan where weathered.	19.0-22.0 19.0-22.0
	Maple Hill Limestone		Limestone, blue/gray Blocky, unit bedded	1.0-1.5 1.0-1.5
	Wamego Shale		Shale, tan/gray Clayey to sandy Upper part may be shaly sandstone Tan to tan/gray	18.0-20.0 18.0-20.0
	Tarkio Limestone		Limestone, jointed, tan to tan/gray. Blocky	6.5 ± 6.5 ±

SECTION NOT ENCOUNTERED

	Indian Cave Sandstone		Sandstone, micaceous tan, iron stained. Cross-bedded Hardened at the surface yet soft with depth. Fine to coarse grained. Unknown origin and thickness.	Not known
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Fm. Formation  
Mbr. Member  
H Elevation of water table

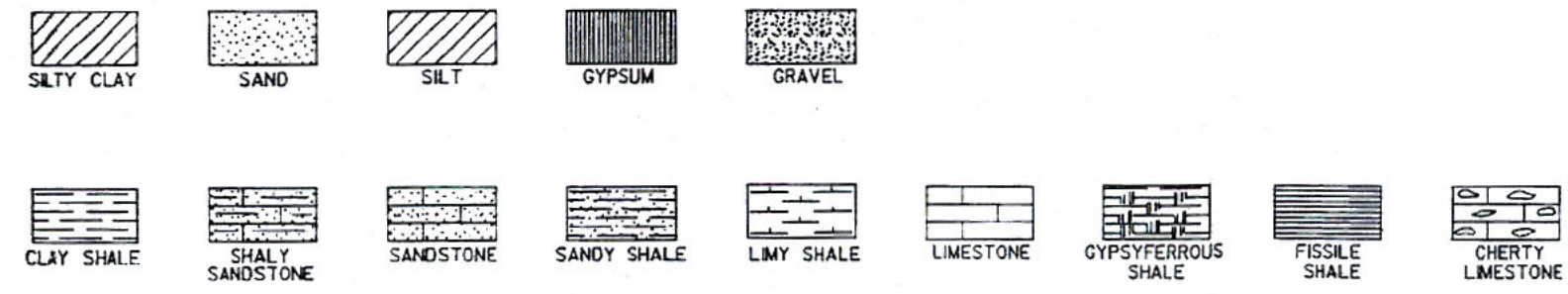
Note:  
Bedrock and soil mantle which occur on this project are shown with the appropriate symbols on the cross-sections and plan-profile sheets.  
A Geology Report is available in which can be found additional information that pertains to the geology of the project.

ICES Abbreviations  
(if applicable)

- Soil Mantle MANTLE
- Rock Excavation R
- Common Excavation C
- Shale SH
- Limestone LS
- Sandstone SS
- West Branch Shale WBRC
- Falls City Limestone FLSC
- Hawxby Shale HXBY
- Indian Cave Sandstone INCV
- Dry Shale DRYZ
- Dover Limestone DOVR
- Pillsbury Shale PLBR
- Maple Hill Limestone MPHL
- Wamego Shale WMGO
- Tarkio Limestone TRKO

Scale 1" = 5ft.

LEGEND



3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

GENERALIZED GEOLOGIC SECTION

CLARKE  
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 10/16/92  
 AB 3008