



ABBREVIATIONS

ABUND - ABUNDANT	BRK/S - BRICK/S	DEC - DECOMPOSED	FOSS - FOSSILIFEROUS	ITD - JOINTED	MIC - MICACEOUS	OSLV/S - OPEN, STAINED, LEACHED	PZ - PIEZOMETER	SM - SOME	USC - UNIFIED SOIL CLASSIFICATION	XLN - CRYSTALLINE
APPROX - APPROXIMATE	BRNSH - BROWNISH	DF/S - DIAGONAL FRACTURE/S	FRAC/S - FRACTURE/S	KSF - KIPS PER SQUARE FOOT	MIN - MINIMUM	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	RDSH - REDDISH	SML - SMALL	V - VERY	YEL - YELLOW
ARG - ARGILLACEOUS	BX/BQ - CORE DRILL SIZE	DGA - DENSE GRADED	FRAG/S - FRAGMENT/S	LAM - LAMINATED	MINL - MINERAL	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	RECY - RECOVERY	S - SOFT	V - VERY	YELSH - YELLOWISH
ASPH - ASPHALT	C - COARSE	AGGREGATE	GD - GROUND	LDW - LOST DRILL WATER	MOD - MODERATELY	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	REF - REFUSAL	SOFN - SOFTENED	VAR - VARIABLE/VARIABLY	ZNS - ZONES
AX - CORE DRILL SIZE	CALC - CALCAREOUS	DISPL - DISPLACEMENT	GPM - GALLONS PER MINUTE	LEA - LEACHED	MOTT - MOTTLED	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	ROCK - ROCK	SOLN - SOLUTION	VEG - VEGETATION	ZNS - ZONES
BD/S - BAND/S	CAVY - CAVITY/CAVITIES	DO - DITTO	GR - GRAY	LG - LARGE	NX - CORE DRILL SIZE	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	RTN - ROTTEN	SPL - SAMPLE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BENT - BENTONITE	CBS - COBBLES	DK - DARK	GRN - GREEN	LGT - LIGHT	NODS - NODULES	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	RTS - ROOTS	SPL - SAMPLE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BGS - BELOW GROUND	CEM - CEMENT/CEMENTED	DLLG - DRILLING	GRND - GRAINED	LL - LIQUID LIMIT	NUM - NUMEROUS	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SAT - SATURATED	SPL - SAMPLE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
-SURFACE	CHTY - CHERT/CHERTY	DOL - DOLOMITE	GRNSH - GREENISH	LS - LIMESTONE	OCC - OCCASIONAL/OCCASIONALLY	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SCATT - SCATTERED	SS - SANDSTONE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BL - BLUE	CLY - CLAY/CLAYEY	DWR - DRILL WATER RETAINED	GRSH - GRAYISH	LSE - LOOSE	ORG - ORGANIC	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	ST - STAINED	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BLDR/S - BOULDER/S	CND - CINDERS	ELEV - ELEVATION	GVLY - GRAVELLY	LTL - LITTLE	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SCATT - SCATTERED	STA - STATION	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BLK - BLACK	CONC - CONCRETE	EST - ESTIMATED	GYP - GYPSUM	LYS - LAYERS	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	STKS - STREAKS	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BLSH - BLUIISH	CS - CRUSHED STONE	F - FINE/FINELY	HD - HARD	LZ - LENSES	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	STRAT - STRATIFIED	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BP/S - BEDDING PLANE/S	CSG - CASING	FM - FIRM	HYCB - HONEYCOMBED	M - MEDIUM	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	SURF - SURFACE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BR - BROWN	D - DENSE/DENSELY	FE - FERROUS	i - INITIAL WATER LEVEL DURING DRILLING	MATL - MATERIAL	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	SURF - SURFACE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF
BRECC - BRECCIATED	DEB - DEBRIS	FM - FORMATION		MAX - MAXIMUM	OSB/S - OPEN, STAINED BEDDING	OSV/S - OPEN, STAINED VERTICAL FRACTURE/S	SEV - SEVERELY	SURF - SURFACE	VFS - VERTICAL FRACTURE/S	70 - DRY UNIT WEIGHT IN PCF

THE BORING LOGS SHOWN DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIC LOCATIONS DRILLED AND AT THE PARTICULAR TIMES WHICH MAY BE DESIGNATED ON THE LOGS. SUBSURFACE CONDITIONS AT OTHER LOCATIONS MAY DIFFER FROM CONDITIONS OCCURRING AT THESE BORING LOCATION PLANS. ALSO, THE PASSAGE OF TIME MAY RESULT IN A CHANGE IN THE SUBSURFACE CONDITIONS AT THE BORING LOCATION PLAN DRILLED.

DATE	
DESCRIPTION	
MARK	
 411 N. WEBB ROAD WICHITA, K.S. 67206 316-684-9600	
 WICHITA, KANSAS	
PREPARED FOR: THE CITY OF WICHITA, KANSAS 455 N. MAIN STREET WICHITA, KANSAS 67202	
WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT WICHITA, KANSAS	
DESIGNED BY:	DATE:
JAY R. ANGLEMYER	09/04/12
CHECKED BY:	APP BY:
STAFF	JRA
FILE NAME:	
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MKEC PROJ. NO. 0701040866	
LEVEE S BORING LOCATION AND LOG PLAN G-1.09 SHEET 10 OF 64	