
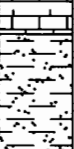




KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	58-Coffey	SOUNDING NO.	cd-1
BRIDGE STA.	123+45: 6	PROJ. NO.	KA-2056-01
SITE NAME	K-58 over Dinner Creek		HOLE STA. 123+82, 37.5' Lt of CL

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION	
	Church LS		30.6	1145	1145.6	LIMESTONE, gray, very hard to dense, Church Member, fossiliferous, skeletal (?), top 0.1 of limestone transitional, bottom 0.8' shaley limestone	62.5	8.86E+07		1144.79
	Aarde Shale		34.4 34.8 35.3	1140	1141.8 1141.4 1140.9	SANDY SHALE, dark gray, firm, Aarde Member, slightly clayey and limy SANDY LIMESTONE, light gray, hard SANDY SHALE, light gray to medium gray, very fine, hard to dense, with thin sandstone seams throughout the shale	153 115	6.43E+07 2.42E+07		1141.99 1140.29
			38.6		1137.59	T.D. = 38.6				

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KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	58-Coffey	SOUNDING NO.	cd-1	SHEET 3 of 3
BRIDGE STA.	123+45: 6	PROJ. NO.	KA-2056-01	BRIDGE NO. 58-16-00.45(061)
SITE NAME	K-58 over Dinner Creek			HOLE STA. 123+82, 37.5' Lt of CL

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION																																																								
					<table border="1" style="width: 100%; border-collapse: collapse; margin: 10px auto;"> <thead> <tr> <th>Core</th> <th>Depth</th> <th>Elev.</th> <th>Cut</th> <th>Rec</th> <th>Rec %</th> <th>RQD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>9.6</td> <td>1166.59</td> <td>4.0</td> <td>4.0</td> <td>100</td> <td>65□</td> </tr> <tr> <td>2</td> <td>13.6</td> <td>1162.59</td> <td>5.0</td> <td>5.0</td> <td>100</td> <td>100□</td> </tr> <tr> <td>3</td> <td>18.6</td> <td>1157.59</td> <td>5.0</td> <td>5.1</td> <td>102</td> <td>86□</td> </tr> <tr> <td>4</td> <td>23.6</td> <td>1152.59</td> <td>5.0</td> <td>5.3</td> <td>106</td> <td>72□</td> </tr> <tr> <td>5</td> <td>28.6</td> <td>1147.59</td> <td>5.0</td> <td>5.0</td> <td>100</td> <td>94□</td> </tr> <tr> <td>6</td> <td>33.6</td> <td>1142.59</td> <td>5.0</td> <td>5.0</td> <td>100</td> <td>98□</td> </tr> <tr> <td>Total</td> <td>38.6</td> <td>1137.59</td> <td>29.□</td> <td>29.4</td> <td>1□1</td> <td>87%</td> </tr> </tbody> </table>	Core	Depth	Elev.	Cut	Rec	Rec %	RQD	1	9.6	1166.59	4.0	4.0	100	65□	2	13.6	1162.59	5.0	5.0	100	100□	3	18.6	1157.59	5.0	5.1	102	86□	4	23.6	1152.59	5.0	5.3	106	72□	5	28.6	1147.59	5.0	5.0	100	94□	6	33.6	1142.59	5.0	5.0	100	98□	Total	38.6	1137.59	29.□	29.4	1□1	87%				
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