

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
8" Hollow Augers			1.5	1595 1596.4 1594.9	Sandy silty clay, dark brown Sand, brown, slightly silty, fine-med., loose, slightly moist				
			7.5	1588.9	Sand, med. to coarse, very moist, loose				
			30.0	1566.4	Sand, coarse, very moist				
			77.0	1519.4	Shale, brick red with green mottling, silty, thin limy zones throughout	5.9 13.9	1160000 1840000		1518.1 1517.2

BOREHOLE REPORT - KANSAS DOT.GDT - 1/12/15 09:26 - C:\JBARKER\KA-1007-02\14-78-18.84 (154)\BR. 14-78 18.84 (154).GPJ



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	K-14 / Reno	SOUNDING NO.	CH 2	SHEET 2 of 3
BRIDGE STA.	52864+68	PROJ. NO.	14-78 KA-1007-02	BRIDGE NO. 14-78 18.84 (154)
SITE NAME	Nickerson Rd over K-14			HOLE STA. 51+65, 31.0' Rt Nick. Rd.

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NQ2 Diamond			2	1515	Shale, brick red with green mottling, silty, thin limy zones throughout	11.1	2000000		1514.65
						18.5	3400000		1512.4
			3	1510		30.0	4570000		1510.5
						10.4	2110000		1508.9
			4	1505		10.7	4260000		1506.0
						21.0	2970000		1503.55
			5	1500		12.6	6060000		1498.4
			6	1495		24.0	8290000		1496.4
			102.6	1493.8	T.D. = 102.6				



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	K-14 / Reno	SOUNDING NO.	CH 2	SHEET 3 of 3
BRIDGE STA.	52864+68	PROJ. NO.	14-78 KA-1007-02	BRIDGE NO. 14-78 18.84 (154)
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					<table><tr><th>Core</th><th>Depth</th><th>Elev.</th><th>Cut</th><th>Rec</th><th>Rec %</th><th>RQD</th></tr><tr><td>1</td><td>77.3</td><td>1519.1</td><td>2.1</td><td>2.1</td><td>100</td><td>76%</td></tr><tr><td>2</td><td>79.4</td><td>1517.0</td><td>5.0</td><td>5.0</td><td>100</td><td>96%</td></tr><tr><td>3</td><td>84.4</td><td>1512.0</td><td>5.0</td><td>4.8</td><td>96</td><td>75%</td></tr><tr><td>4</td><td>89.4</td><td>1507.0</td><td>5.0</td><td>5.0</td><td>100</td><td>82%</td></tr><tr><td>5</td><td>94.4</td><td>1502.0</td><td>5.0</td><td>4.8</td><td>96</td><td>50%</td></tr><tr><td>6</td><td>99.4</td><td>1497.0</td><td>3.2</td><td>2.0</td><td>61</td><td>61%</td></tr><tr><td>Total</td><td>102.6</td><td>1493.8</td><td>25.3</td><td>23.7</td><td>93</td><td>74%</td></tr></table>	Core	Depth	Elev.	Cut	Rec	Rec %	RQD	1	77.3	1519.1	2.1	2.1	100	76%	2	79.4	1517.0	5.0	5.0	100	96%	3	84.4	1512.0	5.0	4.8	96	75%	4	89.4	1507.0	5.0	5.0	100	82%	5	94.4	1502.0	5.0	4.8	96	50%	6	99.4	1497.0	3.2	2.0	61	61%	Total	102.6	1493.8	25.3	23.7	93	74%			
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