

County	Northampton	Latitude	36.516577
Well Name	G.B.Barnes at Severn	Longitude	-77.240558
Well Number	1	Well Depth	312
Quad	B22Y	Land Surface Elevation	120

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	120	Black Creek Aquifer	missing
Yorktown Confining Unit	90	Upper Cape Fear Confining Unit	62
Yorktown Aquifer	82	Upper Cape Fear Aquifer	36
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.434741
Well Name	Town of Conway	Longitude	-77.22405
Well Number	2	Well Depth	428
Quad	C22Q	Land Surface Elevation	100

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	100	Black Creek Aquifer	missing
Yorktown Confining Unit	58	Upper Cape Fear Confining Unit	12
Yorktown Aquifer	44	Upper Cape Fear Aquifer	-8
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-236
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-256
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.23443
Well Name	Town of Rich Square	Longitude	-77.255212
Well Number	3	Well Depth	204
Quad	F23A	Land Surface Elevation	75

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	75	Black Creek Confining Unit	missing
Yorktown Confining Unit	57	Black Creek Aquifer	missing
Yorktown Aquifer	43	Upper Cape Fear Confining Unit	-11
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-25
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Northampton	Latitude	36.281547
Well Name	Town of Rich Square	Longitude	-77.281939
Well Number	4	Well Depth	338
Quad	E23S	Land Surface Elevation	72

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	72	Black Creek Aquifer	missing
Yorktown Confining Unit	38	Upper Cape Fear Confining Unit	-4
Yorktown Aquifer	20	Upper Cape Fear Aquifer	-16
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-248
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	not penetrated
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.387176
Well Name	Town of Jackson	Longitude	-77.410487
Well Number	5	Well Depth	252
Quad	D24F	Land Surface Elevation	93

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	93	Black Creek Aquifer	missing
Yorktown Confining Unit	77	Upper Cape Fear Confining Unit	19
Yorktown Aquifer	65	Upper Cape Fear Aquifer	1
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	missing
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	missing
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.395833
Well Name	Town of Jackson	Longitude	-77.42
Well Number	6	Well Depth	184
Quad	D25J	Land Surface Elevation	104

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	104	Black Creek Confining Unit	missing
Yorktown Confining Unit	76	Black Creek Aquifer	missing
Yorktown Aquifer	64	Upper Cape Fear Confining Unit	56
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	32
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	missing
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	missing
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	missing
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	missing
Peedee Aquifer	missing	Basement	not penetrated

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County	Northampton	Latitude	36.389471
Well Name	Town of Jackson	Longitude	-77.413785
Well Number	7	Well Depth	240
Quad	D24F	Land Surface Elevation	93

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	93	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	19
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-3
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	missing
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	missing
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.389128
Well Name	Town of Jackson	Longitude	-77.41056
Well Number	8	Well Depth	247
Quad	D24F	Land Surface Elevation	90

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	90	Black Creek Aquifer	missing
Yorktown Confining Unit	58	Upper Cape Fear Confining Unit	26
Yorktown Aquifer	54	Upper Cape Fear Aquifer	6
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	missing
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	missing
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.408112
Well Name	Long Well	Longitude	-77.516734
Well Number	9	Well Depth	260
Quad	D26B	Land Surface Elevation	100

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	100	Black Creek Confining Unit	missing
Yorktown Confining Unit	94	Black Creek Aquifer	missing
Yorktown Aquifer	82	Upper Cape Fear Confining Unit	48
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	26
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	missing
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	missing
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	missing
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	missing
Peedee Aquifer	missing	Basement	-51

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Northampton	Latitude	36.348047
Well Name	Town of Woodland	Longitude	-77.206531
Well Number	10	Well Depth	183
Quad	D22W	Land Surface Elevation	45

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	45	Black Creek Aquifer	missing
Yorktown Confining Unit	35	Upper Cape Fear Confining Unit	3
Yorktown Aquifer	28	Upper Cape Fear Aquifer	-11
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.329579
Well Name	Odom Prison	Longitude	-77.432355
Well Number	11	Well Depth	275
Quad	E25A	Land Surface Elevation	80

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	80	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	32
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-15
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Northampton	Latitude	36.474407
Well Name	Northampton County	Longitude	-77.205836
Well Number	12	Well Depth	415
Quad	C22H	Land Surface Elevation	77

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	77	Black Creek Confining Unit	missing
Yorktown Confining Unit	45	Black Creek Aquifer	missing
Yorktown Aquifer	23	Upper Cape Fear Confining Unit	-13
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-27
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-247
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	-261
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	missing
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	missing
Peedee Aquifer	missing	Basement	not penetrated

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Northampton	Latitude	36.354487
Well Name	Northampton County Well No. 1 Potecasi	Longitude	-77.248256
Well Number	13	Well Depth	360
Quad	D22P	Land Surface Elevation	72

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	72	Black Creek Aquifer	missing
Yorktown Confining Unit	cased	Upper Cape Fear Confining Unit	cased
Yorktown Aquifer	cased	Upper Cape Fear Aquifer	cased
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-222
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-258
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.356661
Well Name	Town of Cofield	Longitude	-76.907703
Well Number	14	Well Depth	258
Quad	D18P	Land Surface Elevation	52

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	52	Black Creek Aquifer	missing
Yorktown Confining Unit	24	Upper Cape Fear Confining Unit	-110
Yorktown Aquifer	12	Upper Cape Fear Aquifer	-158
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-12	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-31	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.507222
Well Name	DWR Como Station	Longitude	-77.005834
Well Number	15	Well Depth	816
Quad	B20U	Land Surface Elevation	69

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	69	Black Creek Confining Unit	missing
Yorktown Confining Unit	missing	Black Creek Aquifer	missing
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	-38
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-85
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-275
Beaufort Confining Unit	9	Lower Cape Fear Aquifer	-339
Beaufort Aquifer	-9	Lower Cretaceous Confining Unit	-599
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	-675
Peedee Aquifer	missing	Basement	-752

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Hertford	Latitude	36.38
Well Name	Farmers Chemical Association Tunis Plant	Longitude	-76.890833
Well Number	16	Well Depth	940
Quad	D18M	Land Surface Elevation	32

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	32	Black Creek Aquifer	missing
Yorktown Confining Unit	cased	Upper Cape Fear Confining Unit	-120
Yorktown Aquifer	cased	Upper Cape Fear Aquifer	-176
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-444
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-492
Beaufort Confining Unit	-56	Lower Cretaceous Confining Unit	-732
Beaufort Aquifer	-68	Lower Cretaceous Aquifer	-780
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.381545
Well Name	Hertford Co. Well No. 4	Longitude	-77.043577
Well Number	17	Well Depth	350
Quad	D20M	Land Surface Elevation	55

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	55	Black Creek Aquifer	missing
Yorktown Confining Unit	cased	Upper Cape Fear Confining Unit	-20
Yorktown Aquifer	cased	Upper Cape Fear Aquifer	-45
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	7	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-5	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.381545
Well Name	Hertford Co. Obs. Well No. 4	Longitude	-77.043577
Well Number	18	Well Depth	380
Quad	D20M	Land Surface Elevation	55

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	55	Black Creek Confining Unit	missing
Yorktown Confining Unit	missing	Black Creek Aquifer	missing
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	-19
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-45
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	9	Lower Cape Fear Aquifer	
Beaufort Aquifer	-11	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Hertford	Latitude	36.372359
Well Name	Hertford Co. Obs. Well No. 1	Longitude	-77.026227
Well Number	19	Well Depth	371
Quad	D20L	Land Surface Elevation	18

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	18	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-48
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-82
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-322
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	not penetrated
Beaufort Confining Unit	-12	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-33	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.280046
Well Name	Town of Ahoskie Odom St Well	Longitude	-76.976281
Well Number	20	Well Depth	500
Quad	E19Q	Land Surface Elevation	52

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	52	Black Creek Aquifer	missing
Yorktown Confining Unit	cased	Upper Cape Fear Confining Unit	-38
Yorktown Aquifer	cased	Upper Cape Fear Aquifer	-98
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-381
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	not penetrated
Beaufort Confining Unit	cased	Lower Cretaceous Confining Unit	
Beaufort Aquifer	12	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.250979
Well Name	General Power TW-1	Longitude	-77.075307
Well Number	21	Well Depth	492
Quad	E20Y	Land Surface Elevation	65

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	65	Black Creek Confining Unit	missing
Yorktown Confining Unit	35	Black Creek Aquifer	missing
Yorktown Aquifer	23	Upper Cape Fear Confining Unit	-25
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-69
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-199
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	-305
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	not penetrated
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Hertford	Latitude	36.352819
Well Name	Nucor Potable Well 1	Longitude	-76.811537
Well Number	22	Well Depth	214
Quad	D17Q	Land Surface Elevation	35

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	35	Black Creek Aquifer	
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	
Castle Hayne Confining Unit	-21	Lower Cape Fear Confining Unit	
Castle Hayne Aquifer	-92	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-117	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-128	Lower Cretaceous Aquifer	
Peedee Confining Unit	not penetrated	Basement	
Peedee Aquifer			
Black Creek Confining Unit			

County	Hertford	Latitude	36.347445
Well Name	Nucor TW-2	Longitude	-76.813466
Well Number	23	Well Depth	509
Quad	D17X	Land Surface Elevation	34

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	34	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-200
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-244
Castle Hayne Confining Unit	-22	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-74	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-100	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-112	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.347199
Well Name	Nucor TW-3	Longitude	-76.81481
Well Number	24	Well Depth	501
Quad	D17X	Land Surface Elevation	32

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	32	Black Creek Confining Unit	missing
Yorktown Confining Unit	missing	Black Creek Aquifer	missing
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	-208
Castle Hayne Confining Unit	-14	Upper Cape Fear Aquifer	-244
Castle Hayne Aquifer	-84	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	-103	Lower Cape Fear Aquifer	
Beaufort Aquifer	-114	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Hertford	Latitude	36.346953
Well Name	Nucor TW-4	Longitude	-76.816154
Well Number	25	Well Depth	502
Quad	D17X	Land Surface Elevation	34

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	34	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-210
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-244
Castle Hayne Confining Unit	-11	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-74	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-98	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-110	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Hertford	Latitude	36.346652
Well Name	Nucor TW-6	Longitude	-76.819505
Well Number	26	Well Depth	509
Quad	D17X	Land Surface Elevation	38

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	38	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-176
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-228
Castle Hayne Confining Unit	-12	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-74	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-94	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-105	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Halifax	Latitude	36.327088
Well Name	Town of Halifax Library Well	Longitude	-77.588743
Well Number	27	Well Depth	150
Quad	E27A	Land Surface Elevation	130

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	130	Black Creek Confining Unit	missing
Yorktown Confining Unit	missing	Black Creek Aquifer	missing
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	94
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	78
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	missing
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	missing
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	missing
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	missing
Peedee Aquifer	missing	Basement	56

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County	Halifax	Latitude	36.057717
Well Name	Town of Scotland Neck	Longitude	-77.420411
Well Number	28	Well Depth	394
Quad	H25J	Land Surface Elevation	88

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	88	Black Creek Aquifer	missing
Yorktown Confining Unit	50	Upper Cape Fear Confining Unit	14
Yorktown Aquifer	34	Upper Cape Fear Aquifer	-10
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-168
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-212
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	-258
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Halifax	Latitude	36.287716
Well Name	Caledonia Farms	Longitude	-77.449379
Well Number	29	Well Depth	250
Quad	E25L	Land Surface Elevation	50

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	50	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	20
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-2
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-49
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-146
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	-169
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Halifax	Latitude	36.303763
Well Name	Caledonia Prison Farm	Longitude	-77.430882
Well Number	30	Well Depth	220
Quad	E25J	Land Surface Elevation	37

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	37	Black Creek Confining Unit	missing
Yorktown Confining Unit	cased	Black Creek Aquifer	missing
Yorktown Aquifer	cased	Upper Cape Fear Confining Unit	17
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-3
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-49
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	-139
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	missing
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	missing
Peedee Aquifer	missing	Basement	-181

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County	Halifax	Latitude	36.29408
Well Name	DWR Caledonia Prison	Longitude	-77.44532
Well Number	31	Well Depth	273
Quad	E25L	Land Surface Elevation	54

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	54	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	13
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-4
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-39
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-152
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	-219
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Gates	Latitude	36.446293
Well Name	DWR Sunbury Station	Longitude	-76.603281
Well Number	32	Well Depth	953
Quad	C15S	Land Surface Elevation	33

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	33	Black Creek Aquifer	missing
Yorktown Confining Unit	9	Upper Cape Fear Confining Unit	-343
Yorktown Aquifer	-1	Upper Cape Fear Aquifer	-390
Castle Hayne Confining Unit	-205	Lower Cape Fear Confining Unit	-665
Castle Hayne Aquifer	-211	Lower Cape Fear Aquifer	-692
Beaufort Confining Unit	-231	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	-255	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Gates	Latitude	36.434445
Well Name	DWR Gates County Prison	Longitude	-76.728889
Well Number	33	Well Depth	1080
Quad	C16Q	Land Surface Elevation	25

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	25	Black Creek Confining Unit	missing
Yorktown Confining Unit	7	Black Creek Aquifer	missing
Yorktown Aquifer	1	Upper Cape Fear Confining Unit	-315
Castle Hayne Confining Unit	-104	Upper Cape Fear Aquifer	-359
Castle Hayne Aquifer	-135	Lower Cape Fear Confining Unit	-542
Beaufort Confining Unit	-165	Lower Cape Fear Aquifer	-573
Beaufort Aquifer	-183	Lower Cretaceous Confining Unit	not penetrated
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

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County	Chowan	Latitude	36.317222
Well Name	USGS Glidden Test T-1	Longitude	-76.609444
Well Number	34	Well Depth	940
Quad	E15B	Land Surface Elevation	36

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	36	Black Creek Aquifer	missing
Yorktown Confining Unit	22	Upper Cape Fear Confining Unit	-323
Yorktown Aquifer	2	Upper Cape Fear Aquifer	-347
Castle Hayne Confining Unit	-109	Lower Cape Fear Confining Unit	-747
Castle Hayne Aquifer	-194	Lower Cape Fear Aquifer	-800
Beaufort Confining Unit	-230	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	-267	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Chowan	Latitude	36.143333
Well Name	USGS Valhalla Test T-3	Longitude	-76.656667
Well Number	35	Well Depth	528
Quad	G15F	Land Surface Elevation	35

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	35	Black Creek Aquifer	missing
Yorktown Confining Unit	0.0E+01	Upper Cape Fear Confining Unit	-323
Yorktown Aquifer	-17	Upper Cape Fear Aquifer	-361
Castle Hayne Confining Unit	-137	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-171	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-218	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-259	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Chowan	Latitude	36.016667
Well Name	USGS Edenton Airport T-2	Longitude	-76.577222
Well Number	36	Well Depth	857
Quad	H14Y	Land Surface Elevation	8

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	8	Black Creek Confining Unit	missing
Yorktown Confining Unit	-34	Black Creek Aquifer	missing
Yorktown Aquifer	-44	Upper Cape Fear Confining Unit	-424
Castle Hayne Confining Unit	-146	Upper Cape Fear Aquifer	-544
Castle Hayne Aquifer	-207	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	-266	Lower Cape Fear Aquifer	
Beaufort Aquifer	-336	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Bertie	Latitude	36.215554
Well Name	Town of Aulander	Longitude	-77.131275
Well Number	37	Well Depth	400
Quad	F21M	Land Surface Elevation	70

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	70	Black Creek Aquifer	missing
Yorktown Confining Unit	66	Upper Cape Fear Confining Unit	-16
Yorktown Aquifer	58	Upper Cape Fear Aquifer	-64
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-184
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-278
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.226916
Well Name	Town of Aulander	Longitude	-77.109257
Well Number	38	Well Depth	472
Quad	F21L	Land Surface Elevation	62

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	62	Black Creek Aquifer	missing
Yorktown Confining Unit	44	Upper Cape Fear Confining Unit	-13
Yorktown Aquifer	37	Upper Cape Fear Aquifer	-72
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-183
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-291
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.202439
Well Name	Aulander Water Association	Longitude	-77.113562
Well Number	39	Well Depth	264
Quad	F21L	Land Surface Elevation	68

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	68	Black Creek Confining Unit	missing
Yorktown Confining Unit	cased	Black Creek Aquifer	missing
Yorktown Aquifer	cased	Upper Cape Fear Confining Unit	-18
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-62
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

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County	Bertie	Latitude	36.133467
Well Name	NCDA Peanut Belt RS	Longitude	-77.178698
Well Number	40	Well Depth	308
Quad	G22J	Land Surface Elevation	75

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	75	Black Creek Aquifer	missing
Yorktown Confining Unit	51	Upper Cape Fear Confining Unit	-13
Yorktown Aquifer	26	Upper Cape Fear Aquifer	-67
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.164722
Well Name	DWR Cremo Station	Longitude	-76.937778
Well Number	41	Well Depth	1194
Quad	G19B	Land Surface Elevation	65

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	65	Black Creek Aquifer	missing
Yorktown Confining Unit	37	Upper Cape Fear Confining Unit	-109
Yorktown Aquifer	1	Upper Cape Fear Aquifer	-145
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-363
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-451
Beaufort Confining Unit	-55	Lower Cretaceous Confining Unit	-632
Beaufort Aquifer	-71	Lower Cretaceous Aquifer	-711
Peedee Confining Unit	missing	Basement	-1033
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.051577
Well Name	DWR Lewiston Station	Longitude	-77.194707
Well Number	42	Well Depth	662
Quad	H22I	Land Surface Elevation	29

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	29	Black Creek Confining Unit	missing
Yorktown Confining Unit	14	Black Creek Aquifer	missing
Yorktown Aquifer	4	Upper Cape Fear Confining Unit	-71
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-102
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-265
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	-310
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	-458
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	-495
Peedee Aquifer	missing	Basement	-621

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Bertie	Latitude	36.238763
Well Name	DWR Roxobel Station	Longitude	-77.18695
Well Number	43	Well Depth	667
Quad	F22B	Land Surface Elevation	73

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	73	Black Creek Aquifer	missing
Yorktown Confining Unit	cased	Upper Cape Fear Confining Unit	-10
Yorktown Aquifer	cased	Upper Cape Fear Aquifer	-54
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-261
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-308
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	-432
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	-468
Peedee Confining Unit	missing	Basement	-588
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.231822
Well Name	Jack Brinkley Farm	Longitude	-77.194269
Well Number	44	Well Depth	387
Quad	F22I	Land Surface Elevation	80

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	80	Black Creek Aquifer	missing
Yorktown Confining Unit	42	Upper Cape Fear Confining Unit	-8
Yorktown Aquifer	30	Upper Cape Fear Aquifer	-44
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-252
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	not penetrated
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.142324
Well Name	Perdue Farms	Longitude	-77.217709
Well Number	45	Well Depth	540
Quad	G22G	Land Surface Elevation	85

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	85	Black Creek Confining Unit	missing
Yorktown Confining Unit	76	Black Creek Aquifer	missing
Yorktown Aquifer	35	Upper Cape Fear Confining Unit	-30
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-88
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-217
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	-270
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	-433
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	not penetrated
Peedee Aquifer	missing	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Bertie	Latitude	36.137298
Well Name	Perdue Farms	Longitude	-77.222835
Well Number	46	Well Depth	474
Quad	G22G	Land Surface Elevation	80

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	80	Black Creek Aquifer	missing
Yorktown Confining Unit	75	Upper Cape Fear Confining Unit	0.0E+01
Yorktown Aquifer	54	Upper Cape Fear Aquifer	-56
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-211
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-252
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.029258
Well Name	Hope Foundation	Longitude	-77.018225
Well Number	47	Well Depth	308
Quad	H20S	Land Surface Elevation	60

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	60	Black Creek Aquifer	-122
Yorktown Confining Unit	42	Upper Cape Fear Confining Unit	-146
Yorktown Aquifer	29	Upper Cape Fear Aquifer	-166
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	2	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-46	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	-82		

County	Bertie	Latitude	36.03293
Well Name	DWR Windsor Station	Longitude	-77.01276
Well Number	48	Well Depth	1001
Quad	H20T	Land Surface Elevation	43

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	43	Black Creek Confining Unit	-72
Yorktown Confining Unit	missing	Black Creek Aquifer	-122
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	-139
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-152
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-432
Beaufort Confining Unit	-32	Lower Cape Fear Aquifer	-480
Beaufort Aquifer	-42	Lower Cretaceous Confining Unit	-780
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	-822
Peedee Aquifer	missing	Basement	not penetrated

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Bertie	Latitude	36.029258
Well Name	USGS Hope Plantation core hole	Longitude	-77.018225
Well Number	49	Well Depth	1105
Quad	H20S	Land Surface Elevation	60

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	60	Black Creek Aquifer	-100
Yorktown Confining Unit	?	Upper Cape Fear Confining Unit	-128
Yorktown Aquifer	?	Upper Cape Fear Aquifer	-150
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-375
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-458
Beaufort Confining Unit	-10	Lower Cretaceous Confining Unit	-746
Beaufort Aquifer	-30	Lower Cretaceous Aquifer	-815
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	-60		

County	Bertie	Latitude	35.972222
Well Name	R.J. Reynolds Avoca Farms	Longitude	-76.719444
Well Number	50	Well Depth	452
Quad	I16G	Land Surface Elevation	17

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	17	Black Creek Aquifer	missing
Yorktown Confining Unit	-3	Upper Cape Fear Confining Unit	-297
Yorktown Aquifer	-27	Upper Cape Fear Aquifer	-375
Castle Hayne Confining Unit	-91	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-137	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-215	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-237	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.165741
Well Name	R.L. Perry Goose Pond	Longitude	-76.778798
Well Number	51	Well Depth	475
Quad	G17B	Land Surface Elevation	72

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	72	Black Creek Confining Unit	missing
Yorktown Confining Unit	50	Black Creek Aquifer	missing
Yorktown Aquifer	32	Upper Cape Fear Confining Unit	-226
Castle Hayne Confining Unit	-90	Upper Cape Fear Aquifer	-287
Castle Hayne Aquifer	-120	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	-134	Lower Cape Fear Aquifer	
Beaufort Aquifer	-150	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

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County	Bertie	Latitude	36.00502
Well Name	Town of Windsor Test well 1	Longitude	-76.9482
Well Number	52	Well Depth	303
Quad	H19V	Land Surface Elevation	17

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	17	Black Creek Aquifer	-178
Yorktown Confining Unit	-4	Upper Cape Fear Confining Unit	-199
Yorktown Aquifer	-31	Upper Cape Fear Aquifer	-215
Castle Hayne Confining Unit	-44	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	-58	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	-108		

County	Bertie	Latitude	36.147325
Well Name	Bertie County Well No. 14	Longitude	-77.084833
Well Number	53	Well Depth	515
Quad	G21J	Land Surface Elevation	64

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	64	Black Creek Aquifer	missing
Yorktown Confining Unit	31	Upper Cape Fear Confining Unit	-61
Yorktown Aquifer	20	Upper Cape Fear Aquifer	-76
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-293
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-374
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.00165
Well Name	Town of Scotch Hall PW-1	Longitude	-76.69485
Well Number	54	Well Depth	242
Quad	H16V	Land Surface Elevation	20

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	20	Black Creek Confining Unit	
Yorktown Confining Unit	-15	Black Creek Aquifer	
Yorktown Aquifer	-26	Upper Cape Fear Confining Unit	
Castle Hayne Confining Unit	-90	Upper Cape Fear Aquifer	
Castle Hayne Aquifer	-140	Lower Cape Fear Confining Unit	
Beaufort Confining Unit	not penetrated	Lower Cape Fear Aquifer	
Beaufort Aquifer		Lower Cretaceous Confining Unit	
Peedee Confining Unit		Lower Cretaceous Aquifer	
Peedee Aquifer		Basement	

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County	Bertie	Latitude	36.015733
Well Name	Bal Gras test well	Longitude	-76.721417
Well Number	55	Well Depth	1121
Quad	H16X	Land Surface Elevation	23

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	23	Black Creek Aquifer	missing
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-277
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-398
Castle Hayne Confining Unit	-75	Lower Cape Fear Confining Unit	-677
Castle Hayne Aquifer	-128	Lower Cape Fear Aquifer	-823
Beaufort Confining Unit	-187	Lower Cretaceous Confining Unit	not penetrated
Beaufort Aquifer	-220	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Bertie	Latitude	36.225584
Well Name	Powellsville Water Association	Longitude	-76.933182
Well Number	56	Well Depth	350
Quad	F19J	Land Surface Elevation	65

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	65	Black Creek Aquifer	missing
Yorktown Confining Unit	28	Upper Cape Fear Confining Unit	-135
Yorktown Aquifer	15	Upper Cape Fear Aquifer	-174
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-81	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-90	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	missing		

County	Edgecombe	Latitude	35.971389
Well Name	Town of Speed	Longitude	-77.446667
Well Number	57	Well Depth	301
Quad	I25I	Land Surface Elevation	52

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	52	Black Creek Confining Unit	missing
Yorktown Confining Unit	missing	Black Creek Aquifer	missing
Yorktown Aquifer	missing	Upper Cape Fear Confining Unit	14
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-15
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-214
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	not penetrated
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

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County	Edgecombe	Latitude	35.88
Well Name	Roberson School	Longitude	-77.421667
Well Number	58	Well Depth	160
Quad	J25K	Land Surface Elevation	67

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	67	Black Creek Aquifer	27
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	not penetrated
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	47		

County	Martin	Latitude	35.938063
Well Name	Penco Products Well 6	Longitude	-77.199764
Well Number	59	Well Depth	449
Quad	I22S	Land Surface Elevation	70

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	70	Black Creek Aquifer	-41
Yorktown Confining Unit	34	Upper Cape Fear Confining Unit	-119
Yorktown Aquifer	14	Upper Cape Fear Aquifer	-157
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	-25		

County	Martin	Latitude	35.960219
Well Name	Town of Oak City	Longitude	-77.304375
Well Number	60	Well Depth	376
Quad	I23N	Land Surface Elevation	79

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	79	Black Creek Confining Unit	39
Yorktown Confining Unit	71	Black Creek Aquifer	5
Yorktown Aquifer	62	Upper Cape Fear Confining Unit	-51
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-121
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	missing	Lower Cape Fear Aquifer	
Beaufort Aquifer	missing	Lower Cretaceous Confining Unit	
Peedee Confining Unit	missing	Lower Cretaceous Aquifer	
Peedee Aquifer	missing	Basement	

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County	Martin	Latitude	35.856521
Well Name	DWR Gold Point Station	Longitude	-77.248202
Well Number	61	Well Depth	645
Quad	J22P	Land Surface Elevation	72

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	72	Black Creek Aquifer	-50
Yorktown Confining Unit	58	Upper Cape Fear Confining Unit	-168
Yorktown Aquifer	44	Upper Cape Fear Aquifer	-196
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-440
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-464
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	-572
Peedee Aquifer	missing		
Black Creek Confining Unit	2		

County	Martin	Latitude	35.94944
Well Name	Town of Hamilton Well No. 2	Longitude	-77.21167
Well Number	62	Well Depth	591
Quad	I22R	Land Surface Elevation	71

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	71	Black Creek Aquifer	-25
Yorktown Confining Unit	47	Upper Cape Fear Confining Unit	-63
Yorktown Aquifer	35	Upper Cape Fear Aquifer	-118
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-423
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-463
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	missing	Basement	not penetrated
Peedee Aquifer	missing		
Black Creek Confining Unit	-12		

County	Martin	Latitude	35.7686
Well Name	DWR Bear Grass Station	Longitude	-77.129022
Well Number	63	Well Depth	967
Quad	K21R	Land Surface Elevation	56

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	56	Black Creek Confining Unit	-163
Yorktown Confining Unit	16	Black Creek Aquifer	-184
Yorktown Aquifer	6	Upper Cape Fear Confining Unit	-252
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-272
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	-613
Beaufort Confining Unit	-23	Lower Cape Fear Aquifer	-652
Beaufort Aquifer	-39	Lower Cretaceous Confining Unit	-784
Peedee Confining Unit	-102	Lower Cretaceous Aquifer	-846
Peedee Aquifer	-116	Basement	-911

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County	Martin	Latitude	35.776783
Well Name	Martin County Bear Grass Test	Longitude	-77.115267
Well Number	64	Well Depth	510
Quad	K21S	Land Surface Elevation	70

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	70	Black Creek Aquifer	-200
Yorktown Confining Unit	45	Upper Cape Fear Confining Unit	-297
Yorktown Aquifer	30	Upper Cape Fear Aquifer	-320
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-10	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-42	Lower Cretaceous Aquifer	
Peedee Confining Unit	-75	Basement	
Peedee Aquifer	-95		
Black Creek Confining Unit	-170		

County	Martin	Latitude	35.830006
Well Name	Town of Robersonville Well 6	Longitude	-77.255828
Well Number	65	Well Depth	413
Quad	K23A	Land Surface Elevation	75

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	75	Black Creek Aquifer	-68
Yorktown Confining Unit	23	Upper Cape Fear Confining Unit	-121
Yorktown Aquifer	18	Upper Cape Fear Aquifer	-149
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	
Peedee Confining Unit	missing	Basement	
Peedee Aquifer	missing		
Black Creek Confining Unit	-37		

County	Martin	Latitude	35.841389
Well Name	Town of Williamston TW-8	Longitude	-77.0875
Well Number	66	Well Depth	500
Quad	J21U	Land Surface Elevation	75

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	75	Black Creek Confining Unit	-151
Yorktown Confining Unit	59	Black Creek Aquifer	-179
Yorktown Aquifer	45	Upper Cape Fear Confining Unit	-205
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-257
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	13	Lower Cape Fear Aquifer	
Beaufort Aquifer	-31	Lower Cretaceous Confining Unit	
Peedee Confining Unit	-67	Lower Cretaceous Aquifer	
Peedee Aquifer	-82	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Martin	Latitude	35.841111
Well Name	Town of Williamston TW- 4	Longitude	-77.058333
Well Number	67	Well Depth	518
Quad	J20X	Land Surface Elevation	60

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	60	Black Creek Aquifer	-208
Yorktown Confining Unit	20	Upper Cape Fear Confining Unit	-245
Yorktown Aquifer	16	Upper Cape Fear Aquifer	-262
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	12	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-42	Lower Cretaceous Aquifer	
Peedee Confining Unit	-78	Basement	
Peedee Aquifer	-90		
Black Creek Confining Unit	-174		

County	Martin	Latitude	35.854722
Well Name	Town of Williamston TW-3	Longitude	-77.041944
Well Number	68	Well Depth	500
Quad	J20R	Land Surface Elevation	11

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	11	Black Creek Aquifer	-193
Yorktown Confining Unit	missing	Upper Cape Fear Confining Unit	-235
Yorktown Aquifer	missing	Upper Cape Fear Aquifer	-325
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	not penetrated
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	
Beaufort Confining Unit	-15	Lower Cretaceous Confining Unit	
Beaufort Aquifer	-37	Lower Cretaceous Aquifer	
Peedee Confining Unit	-80	Basement	
Peedee Aquifer	-93		
Black Creek Confining Unit	-155		

County	Martin	Latitude	35.768867
Well Name	Martin County OBW2	Longitude	-77.066333
Well Number	69	Well Depth	519
Quad	K20Q	Land Surface Elevation	59

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	59	Black Creek Confining Unit	-199
Yorktown Confining Unit	-5	Black Creek Aquifer	-221
Yorktown Aquifer	-31	Upper Cape Fear Confining Unit	-311
Castle Hayne Confining Unit	missing	Upper Cape Fear Aquifer	-364
Castle Hayne Aquifer	missing	Lower Cape Fear Confining Unit	not penetrated
Beaufort Confining Unit	-74	Lower Cape Fear Aquifer	
Beaufort Aquifer	-91	Lower Cretaceous Confining Unit	
Peedee Confining Unit	-128	Lower Cretaceous Aquifer	
Peedee Aquifer	-141	Basement	

Northwestern Coastal Plain Hydrogeologic Framework Appendix

County	Pitt	Latitude	35.74958
Well Name	DWR North Pitt Station	Longitude	-77.36498
Well Number	70	Well Depth	690
Quad	L24B	Land Surface Elevation	55

Hydrogeologic Unit Top Elevations in Feet

Surficial Aquifer	55	Black Creek Aquifer	-29
Yorktown Confining Unit	37	Upper Cape Fear Confining Unit	-199
Yorktown Aquifer	28	Upper Cape Fear Aquifer	-217
Castle Hayne Confining Unit	missing	Lower Cape Fear Confining Unit	-435
Castle Hayne Aquifer	missing	Lower Cape Fear Aquifer	-483
Beaufort Confining Unit	missing	Lower Cretaceous Confining Unit	missing
Beaufort Aquifer	missing	Lower Cretaceous Aquifer	missing
Peedee Confining Unit	19	Basement	-635
Peedee Aquifer	5		
Black Creek Confining Unit	-3		
