INFORMATION ONLY

SOIL BORINGS

FOR

ROUTE 206 STOKES STATE FOREST

UPC# 960525

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-1
STATION:	1+600.123 OFFSET: 7.634 Lt.	REFERENCE LINE:	GROUND ELEVATION: 278.149
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/14/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/14/02	0 Hr. 272.053 DATE: 2/14/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									Note:	
									1) Relocated to top of slope.	
									2) Started sampling at 3.048 m.	
									3) Augered through S-5, changed to core barrel (28 mm I.D.) at S-6.	
1.5										
3.0										
		S-1	3.048	3.657	6	9	4	0.300	brown cf SAND, some cf Gravel, little Silt	
							3			
4.5		S-2	4.372	5.181	12	14	19	0.549	brown to grey f SAND, some cf Gravel, little Silt	
							24			
▼ 6.0										
		S-3	6.096	6.705	35	22	12	0.305	grey mottled cf SAND, some cf Gravel, little Silt	
							11			
7.5										
		S-4	7.620	8.229	11	18	15	0.318	same	
							28			
9.0		S-5	9.144		50/.024			N/R		9.174
		R-1	9.174	9.479				0.305	cored boulder - sandstone conglomerate RQD = 0	9.479
		S-6	10.057	10.302	49	50/.076		0.213	brown cf SAND, some cf Gravel, little Silt	
10.5										
		S-7	11.582	11.795	47	50/.051		0.183	same	
12.0									E.O.H. @ 11.795 m.	11.795

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-2
STATION:	1+628.803 OFFSET: 7.079 Lt.	REFERENCE LINE:	GROUND ELEVATION: 277.855
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/13/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/13/02	O Hr. DATE: 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									Note:	
									1) Drilled hole to 3.657 m. Could not advance auger or casing. Relocated and redrilled.	
									2) Changed to core barrel (28 mm I.D.) at 3.657.	
1.5										
3.0										
		S-1	3.048	3.657	6	8	24	0.305	brown cf SAND, some cf Gravel, little Silt	
							25			3.657
		R-1	3.657	4.267						
									cored boulder RQD = 0	4.267
4.5										
		S-2	4.572	5.181	10	19	20		brown cf SAND, some cf Gravel, little Silt	
6.0										6.096
		S-3	6.096	6.705	15	21	29	0.305	organic CLAY, some Silt	
7.5										7.620
		S-4/R-2							cored boulder	
									RQD = 0	8.229
9.0										
		S-5	9.144	9.418	23	50/0.10		0.183	brown cf SAND, some cf Gravel, little Silt	
10.5										
		S-6	10.667	11.277	23	26	27	N/R	same	
12.0		S-7	12.191	12.801	22	24	25	2.440	same	12.801
									E.O.H. @ 12.801 m.	

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Approximate Change in Strata:

Inferred Change in Strata:

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

W-2.WK4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-3
STATION:	1+661.006 OFFSET: 6.922 Lt.	REFERENCE LINE:	GROUND ELEVATION: 276.990
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/12/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/12/02	0 Hr. 270.894 DATE: 2/12/02 24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									Note:	
									1) Relocated boring to top of slope.	
									2) Started sampling at 3.048 m.	
1.5										
3.0										
		S-1	3.048	3.657	10	14	4	0.305	brown mf SAND, some cf Gravel, little Silt	
							3			
4.5										4.572
		S-2	4.572	5.181	5	11	13	0.396	yellow, grey mottled CLAY	
							15			5.100
▼ 6.0										
		S-3	6.096	6.705	7	20	23	0.427	brown mf SAND, some cf Gravel, little Silt	
							13			
7.5										
		S-4	7.620	8.229	15	19	30	0.396	same	
							32			
9.0										
		S-5	9.144	9.753	30	33	25	0.488	same	
							39			
10.5										
		S-6	10.667	11.277	15	19	25	0.274	same	
							24			11.277
									E.O.H. @ 11.277 m.	
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Approximate Change in Strata:

Inferred Change in Strata:

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

W-3.WK4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-4
STATION:	1+690.975 OFFSET: 7.368 Lt.	REFERENCE LINE:	GROUND ELEVATION: 276.177
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/11/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/12/02	0 Hr. 270.380 DATE: 2/12/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									Note:	
									1) Relocated boring to top of slope.	
									2) Started sampling at 3.048 m.	
1.5										
3.0										
		S-1	3.048	3.657	4	3	3	N/R	brown mf SAND, some cf Gravel, little Silt	
							2			
4.5										
		S-2	4.572	5.181	22	39	24	0.091	same	
							35			
▼		S-3	5.181	5.791	21	27	33	0.488	same	
							40			
6.0										
7.5										
		S-4	7.620	8.229	10	19	19	0.396	same	
							17			
9.0										
		S-5	9.144	9.753	12	22	20	0.396	same	
							18			
										9.753
									E.O.H. @ 9.753 m.	
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

W-4.WK4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-5
STATION:	1+713.826 OFFSET: 11.138 Lt.	REFERENCE LINE:	GROUND ELEVATION: 274.510
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/7/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/8/02	O Hr. DATE: 2/8/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
		S-1	0.000	0.610	2	1	1	0.244	Brown cf SAND, some cf Gravel, little Silt	
							2			
1.5										
		S-2	1.524	2.133	12	5	3	0.122	brown cf SAND, some cf Gravel, some Clay	
							4			
		S-3	2.438	2.652	23	50/0.10		0.274	brown cf SAND, some cf Gravel, little Silt	
3.0										
4.5										4.572
		R-1	4.572	5.181				0.305	cored boulder	
									RQD = 0	5.181
6.0		S-4	5.639	6.096	13	15	15	0.396	brown cf SAND, some cf Gravel, little Silt	6.096
									E.O.H. @ 6.096 m.	
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-6
STATION:	1+916.274 OFFSET: 9.594 Rt.	REFERENCE LINE:	GROUND ELEVATION: 266.437
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/14/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/14/02	0 Hr. 262.177 DATE: 2/14/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
		S-1	0.000	0.610	1/0.305	1	2	0.549	yellow-brown mf SAND, some cf Gravel, little Silt	
1.5										
		S-2	1.540	2.133	17	19	15	0.610	yellow-brown mf SAND, little Silt, little Clay	
							17			
3.0										
		S-3	3.048	3.657	8	7	10	0.549	brown mf SAND, little Silt	
							10			
▼ 4.5										
		S-4	4.572	5.181	16	22	18	0.335	same	
							24			
6.0										
		S-5	6.096	6.706	12	9	8	0.335	same	
							8			
7.5										
		S-6	7.620	8.229	6	10	14	0.427	same	
							17			8.229
									E.O.H. @ 8.229 m.	
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. W-7
STATION:	1+943.231 OFFSET: 4.890 Rt.	REFERENCE LINE:	GROUND ELEVATION: 266.659
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/15/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/15/02	O Hr. None DATE: 2/15/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
		S-1	0.000	0.610	4	6	7	0.152	brown to black cf SAND, some cf Gravel, little Silt	
							5			
1.5										1.524
		S-2	1.524	2.133	6	8	8	0.518	brown to grey SILT, trace f Sand	
							9			
3.0										3.048
		S-3	3.048	3.657	9	11	23	0.305	brown mf SAND, some cf Gravel, little Silt	
							30			
4.5										
		S-4	4.572	5.181	20	29	31	0.336	same	
							35			
6.0										
		S-5	6.096	6.705	25	27	37	0.091	same	
							30			6.705
									E.O.H. @ 6.705 m.	
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-1
STATION:	1+310.173 OFFSET: 5.994 Lt.	REFERENCE LINE:	GROUND ELEVATION: 276.603
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 1/30/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 1/30/02	0 Hr. 275.393 DATE: 1/30/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	7	7	30	0.335	reddish brown cf SAND, some Silt	
							7			
1.5										
		S-2	1.52	2.133	15	7	8	0.228	brown cf SAND, some cf Gravel, little Silt	
							7			
3.0										
		S-3	3.048	3.657	10	20	17	0.244	brown mottled cf SAND, some cf Gravel, some Clay	
							15			3.657
									E.O.H. @ 3.657 m.	
4.5										
									Possible water @ 1.21 m.	
									Hole collapsed upon withdrawal.	
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

Approximate Change in Strata:

Inferred Change in Strata:

* [ ] - Bracketed stations and offsets are for revised alignment.

R-1.wk4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-2
STATION:	1+400.022 OFFSET: 5.431 Rt.	REFERENCE LINE:	GROUND ELEVATION: 279.523
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 1/30/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 1/30/02	O Hr. None DATE: 1/30/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	15	20	25	0.427	brown cf SAND, some cf Gravel, little Silt	
							30			
1.5										
		S-2	1.52	2.133	17	35	31	0.549	same	
							40			
3.0										
		S-3	3.048	3.657	36	34	34	0.366	same	
							44			3.657
									E.O.H. @ 3.657 m.	
4.5										
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: W. Deininger/D. Shaefer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-3
STATION:	1+550.047 OFFSET: 5.874 Lt.	REFERENCE LINE:	GROUND ELEVATION: 279.660
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/4/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/4/02	0 Hr. None DATE: 2/4/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	7	5	5	0.244	brown cf SAND, some cf Gravel, little Silt	
							5			
1.5										
		S-2	1.524	2.133	19	24	40	0.457	brown mf SAND, some cf Gravel, little Silt	
							58			
3.0										
		S-3	3.048	3.276	34	50		0.244	brown cf SAND, some cf Gravel, little Silt	3.270
						50/.076			E.O.H. @ 3.27 m.	
									Refusal @ 50/.076 m.	
4.5										
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

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Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-4
STATION:	1+659.791 OFFSET: 5.020 Rt.	REFERENCE LINE:	GROUND ELEVATION: 277.177
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/4/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/4/02	O Hr. None DATE: 2/4/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	11	15	17	0.457	reddish brown cf SAND, some cf Gravel, little Silt	
							15			
1.5										
		S-2	1.52	2.133	15	7	5	0.244	brown cf SAND, some cf Gravel, little Silt	
							14			
3.0										
		S-3	3.048	3.657	3	7	8	0.122	same	
							8			
		S-4	3.657	4.267	10	16	21	0.244	same	
							15			4.267
4.5									E.O. H. @ 4.267	
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

R-4.wk4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-5
STATION:	1+859.841 OFFSET: 2.257 Rt.	REFERENCE LINE:	GROUND ELEVATION: 271.824
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/4/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/4/02	0 Hr. None DATE: 2/4/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	13	14	12	0.457	brown cf SAND, some cf Gravel, little Silt	
							17			
1.5										
		S-2	1.524	2.133	7	61	22	0.248	same	
							7			
3.0										
		S-3	3.048	3.657	12	13	17	0.122	same	
							17			3.687
									E.O. H. @ 3.687 m.	
4.5										
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-6
STATION:	1+975.627 OFFSET: 0.832 Rt.	REFERENCE LINE:	GROUND ELEVATION: 265.238
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/4/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/4/02	0 Hr. None DATE: 2/4/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	37	30	22	0.427	black to brown mf SAND, some cf Gravel, little Silt	
							12			
1.5										
		S-2	1.524	1.850	8	17	50/.051	0.244	same	
		S-3	2.438	3.048	15	26	37	0.305	same	
3.0							50/.010			3.048
									E.O. H. @ 3.048 m.	
4.5										
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: _____

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

R-6.wk4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-7
STATION:	2+079.911 OFFSET: 10.942 Lt.	REFERENCE LINE:	GROUND ELEVATION: 259.097
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/4/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/4/02	O Hr. None DATE: 2/6/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.457
		S-1	0.457	0.914	10	14	10	0.213	brown mf SAND, some cf Gravel, little Silt	
1.5										
		S-2	1.524	1.655	73/0.128			0.051	same	1.655
									augered through boulder	1.981
		S-3	1.981	2.133	45/0.165			0.183	brown mf SAND, some cf Gravel, little Silt	
3.0										
		S-4	3.048	3.657	13	43	19		same	
							16			3.657
									E.O.H. @ 3.657 m.	
4.5										
6.0									NOTE:	
									core-cut asphalt surface = 9.5" = .240 m.	
									Top = 2.5" = 0.064 m.	
									Binder = 3.5" = 0.088 m.	
									Base = 3.5" = 0.088 m.	
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE: Route 206/Stokes Entrance LOCAL NAME:

SECTION:

FIELD BORING NO. R-8

STATION: 2+171.160 OFFSET: 0.699 Rt. REFERENCE LINE: GROUND ELEVATION: 253.613

BORINGS BY: SITE-Blauvelt Engineers, Inc. DATE STARTED: 2/7/02

INSPECTOR: Peter R. O'Biso DATE COMPLETED: 2/7/02

GROUND WATER ELEVATION

O Hr. None DATE: 2/7/02

24 Hr. DATE:

P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	23	20	30	0.396	brown cf SAND, some cf Gravel, little Silt	
							30			1.000
1.5									augered through boulder	1.500
		S-2	1.524	2.133	18	25	21	0.305	brown cf SAND, some cf Gravel, little Silt	
							24			2.000
									augered through boulder	2.400
3.0										
		S-3	3.048	3.580	17	28	61	0.396	brown cf SAND, some cf Gravel, little Silt	
							50/.076			3.580
									E.O.H. @ 3.580 m.	
4.5										
6.0										
7.5										
9.0										
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Approximate Change in Strata:

Inferred Change in Strata:

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. R-9
STATION:	2+320.343 OFFSET: 4.541 Rt.	REFERENCE LINE:	GROUND ELEVATION: 244.606
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/7/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/7/02	0 Hr. None DATE: 2/7/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH		Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
									ASPHALT and Aggregate Subbase	0.305
		S-1	0.305	0.914	11	14	19	0.244	brown cf SAND, some cf Gravel, little Silt	
							21			
1.5										
		S-2	1.524	2.133	12	15	50	0.488	same	
							39			
3.0										
		S-3	3.048	3.261	20	50/.076		0.091	same	3.261
									E.O.H. @ 3.261 m.	
4.5										
6.0										
7.5										
									NOTE: cored asphalt	
									2" top = 0.051 m.	
									3" base = 0.076 m.	
9.0									9" +/- concrete = 0.228 m.	
10.5										
12.0										

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sarrpler	760 mm	

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Core Size:

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Approximate Change in Strata:

Inferred Change in Strata:

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

R-9.wk4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-1
STATION:	1+360.017 OFFSET: 0.962 Rt.	REFERENCE LINE:	GROUND ELEVATION: 278.510
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/5/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/5/02	O Hr. None DATE: 2/5/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.044
								second course ASPHALT	0.076
0.1								third course ASPHALT	0.124
0.2									
0.3									
								CONCRETE	0.359
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-2
STATION:	1+479.240 OFFSET: 0.493 Rt.	REFERENCE LINE:	GROUND ELEVATION: 280.403
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/5/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/5/02	0 Hr. None DATE: 2/5/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.051
								second course ASPHALT	0.079
0.1								third course ASPHALT	0.130
0.2									
								CONCRETE	0.283
0.3									
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-3
STATION:	1+629.968 OFFSET: 0.058 Lt.	REFERENCE LINE:	GROUND ELEVATION: 277.971
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/5/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
0.1									
								broken ASPHALT	0.127
0.2									
0.3									
								CONCRETE	0.355
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE:	
								Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-4
STATION:	1+780.448 OFFSET: 0.523 Lt.	REFERENCE LINE:	GROUND ELEVATION: 274.625
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	0 Hr. None DATE: 2/6/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.038
								second course ASPHALT	0.076
0.1									
								third course ASPHALT	0.171
0.2									
0.3									
0.4								CONCRETE	0.412
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

C-4.WK4

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-5
STATION:	1+930.413 OFFSET: 5.328 Lt.	REFERENCE LINE:	GROUND ELEVATION: 267.951
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/6/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.044
0.1								second course ASPHALT	0.108
								third course ASPHALT	0.165
0.2									
0.3									
0.4								CONCRETE	0.406
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE:	
								Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-6
STATION:	2+080.301 OFFSET: 6.831 Lt.	REFERENCE LINE:	GROUND ELEVATION: 259.126
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/6/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.048
0.1								second course ASPHALT	0.111
								third course ASPHALT	0.175
0.2									
0.3									
0.4								CONCRETE	0.403
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6								NOTE:	
								Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

* [ ] - Bracketed stations and offsets are for revised alignment.

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-7
STATION:	2+228.972 OFFSET: 7.620 Lt.	REFERENCE LINE:	GROUND ELEVATION: 250.109
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/6/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.051
								second course ASPHALT	0.089
0.1									
								third course ASPHALT	0.152
0.2									
0.3									
								CONCRETE	0.387
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata:

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-8
STATION:	2+319.578 OFFSET: 5.672 Lt.	REFERENCE LINE:	GROUND ELEVATION: 244.757
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/6/02 24 Hr. DATE: P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.057
0.1								second course ASPHALT	0.102
								third course ASPHALT	0.159
0.2									
0.3									
								CONCRETE	0.387
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

Bureau of Geotechnical Engineering

Approximate Change in Strata: _____

Inferred Change in Strata: _____

Harold E. Pellow & Associates, Inc.

TEST BORING LOG

ROUTE:	Route 206/Stokes Entrance	LOCAL NAME:	
SECTION:			FIELD BORING NO. C-9
STATION:	2+409.782 OFFSET: 5.091 Rt.	REFERENCE LINE:	GROUND ELEVATION: 239.209
BORINGS BY:	SITE-Blauvelt Engineers, Inc.	DATE STARTED: 2/6/02	GROUND WATER ELEVATION
INSPECTOR:	Peter R. O'Biso	DATE COMPLETED: 2/6/02	O Hr. None DATE: 2/6/02
			24 Hr. DATE:
			P.P. Installed

DEPTH (m)	CASING BLOWS	SAMPLE No.	SAMPLE DEPTH	Blows on Spoon 0 - 150	300	450	REC.	SOIL DESCRIPTION & STRATIGRAPHY	
								surface course ASPHALT	0.051
0.1									
								second course ASPHALT	0.127
0.2									
0.3									
								CONCRETE	0.356
0.4									
								subbase cf GRAVEL, some cf Sand	0.483
0.5								brown cf SAND, some cf Gravel, little Silt	0.500
								E.O.H. @ 0.500 m.	
0.6									
								NOTE: Two soil samples taken under subbase with hand auger.	
0.7									
0.8									

Nominal I.D. of Drive Pipe	65 mm	100mm
Nominal I.D. of Split Barrel Sampler	35 mm	
Weight of hammer on Drive Pipe	140 kg	
Weight of hammer on Split Barrel Sampler	63.5 kg	
Drop of hammer on Drive Pipe	600 mm	
Drop of hammer on Split Barrel Sampler	760 mm	

Core Size: 100 mm

Soil descriptions represent a field identification after D.M. Burmister unless otherwise noted.

Driller: Will Deininger/Dave Scheaffer

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Bureau of Geotechnical Engineering

Approximate Change in Strata:

Inferred Change in Strata: