

Department Of Transportation
Office Of Materials & Research
Forest Park, Ga.
Soil Report

Contract No: 319- Wilkinson
County No: 0
Contractor No: 0

Project No: EDS-441(52)
Submitted By: GQ Harold Spornbe
Examined For: 810.01

Lab No:	2296	2297	2298	2299	2300	2301
Sample No.	7	8	9	10	11	12
Station	85+00	104+00	116+00	140+00	140+00	140+00
Location	75' RTCL	75' RTCL	75' RTCL	75' LTCL	75' LTCL	75' LTCL
Description						

Physical Tests

21/2" Sieve	100.0	100.0	100.0	100.0	100.0	100.0
1 1/2" Sieve	100.0	100.0	100.0	100.0	100.0	100.0
#10 Sieve	100.0	100.0	100.0	100.0	100.0	100.0
#40 Sieve	88.0	89.0	74.0	93.0	97.0	92.0
#60 Sieve	76.0	61.0	38.0	82.0	92.0	82.0
200 Sieve	39.0	23.0	25.0	47.0	69.0	71.0
%Clay	27.0	19.0	7.0	39.0	59.0	59.0
T Vol Chg	3.6	3.0	0.2	17.9	10.5	8.8
%Swell	1.8	1.6	0.1	9.6	1.7	1.3
%Shrinkage	1.8	1.4	0.1	8.3	8.8	7.5
Max. Dry Den	111.0	114.0	97.0	109.0	89.0	89.0
%Opt. Moist.	13.0	12.0	18.0	13.0	26.0	26.0
Liquid Lmt.	23.0	0.0	0.0	33.0	50.0	57.0
Plast. Index	3.0	0.0	0.0	10.0	17.0	11.0
Erosi. Index	5.33	7.30	7.06	4.35	1.64	1.40
Resist	0	0	0	0	0	0
Cbr-ssv	0.0	0.0	0.0	0.0	0.0	0.0
Ph	0.0	0.0	0.0	0.0	0.0	0.0
Organic	0.0	0.0	0.0	0.0	0.0	0.0

Classification

Class	IV IIB2	IV IIB2	IV IIB2	III-A IIB3	IV IIB2	IV IIB2
Aashto	A-4 (0)	A-2-4 (0)	A-2-4 (0)	(0)	A-7-5(12)	A-7-5(11)

Testing Dates

Date Sampled	7- 0-99	7- 0-99	7- 0-99	7- 0-99	7- 0-99	7- 0-99
Date Completed	9-23-99	9-23-99	9-23-99	9-23-99	9-23-99	9-23-99
Date Received	8- 9-99	8- 9-99	8- 9-99	8- 9-99	8- 9-99	8- 9-99

Remarks: AASHTO Methods T-89, T-90
GDOT Methods GHD-4, GHD-5, GHD-67

Respectfully Submitted: Wouter Gulden
State Materials And Research Engineer