

State Project No. 6.469002T
Dual Structures on -L- over -Y2-
Robeson County, North Carolina

SUMMARY OF LABORATORY TEST DATA
Left Lane

Boring No.	Sample Depth (m)	Sample No.*	Natural Moisture Content (%)	AASHTO Class (Group Index)	N-Value (bpi)**	Atterberg Limits			Gradation Results						Minus 2.00 mm Fraction			
						L.L.	P.L.	P.I.	Pass #10	Pass #40	Pass #200	Pass #270	Ret #60	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	
EB1-A (LL)	1.07-1.52	SS-1	20.9	A-4(0)	8	36	NP	NP	100	99	41	38	4	4	59	10	27	
EB1-A (LL)	11.74-12.20	SS-8	-	A-2-4(0)	23	31	NP	NP	100	51	22	20	64	64	16	4	16	
EB1-B (LL)	4.12-4.57	SS-3	-	A-2-4(0)	2	31	NP	NP	100	99	29	28	8	8	64	8	20	
EB1-B (LL)	19.36-19.82	SS-13	40.3	A-5(0)	35	41	NP	NP	100	85	64	54	18	18	29	43	10	
B2-A (LL)	2.59-3.04	SS-2	23.1	A-5(0)	9	41	NP	NP	100	100	38	35	0	0	64	6	30	
B2-A (LL)	7.16-7.62	SS-5	35.0	A-5(0)	58	43	NP	NP	100	62	36	35	54	54	11	10	25	
B2-A (LL)	13.26-13.72	SS-9	19.4	A-5(0)	25	43	NP	NP	100	94	71	64	11	11	26	24	39	
B2-A (LL)	17.84-18.29	SS-12	-	A-1-b(0)	24	34	NP	NP	97	46	15	15	79	79	6	4	11	
B2-D (LL)	5.64-6.10	SS-4	-	A-2-4(0)	2	35	NP	NP	100	96	32	21	7	7	72	18	3	
B2-D (LL)	14.79-15.24	SS-10	15.3	A-4(0)	27	31	NP	NP	100	85	49	40	26	26	34	20	20	

* SS = Split-Spoon Sample (ASTM-D-1586)
** bpi = Blows per increment of 30 cm
*** S = Bulk Sample
NP -- Non Plastic

TRIGON ENGINEERING CONSULTANTS, INC.
RALEIGH, NORTH CAROLINA
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Page: 1 of 2

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						L.L.	P.L.	P.I.	Pass #10	Pass #40	Pass #200	Pass #270	Ret #60	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)	
B2-D (LL)	23.93-24.39	SS-16	39.5	A-7-5(33)	19	60	30	30	100	95	92	90	6	6	5	45	44	
B2-D (LL)	36.11-36.56	SS-24	-	A-2-4(0)	79	23	NP	NP	100	54	12	12	78	78	10	8	4	
B3-B (LL)	1.07-1.52	SS-1	-	A-2-4(0)	36	18	NP	NP	96	55	14	11	64	63	26	5	6	

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Page: 2 of 2