

CIVIL ENGINEERING
ENVIRONMENTAL
SURVEYING
LANDSCAPE ARCHITECTURE
GEOTECHNICAL

SOIL INVESTIGATION

Clinton Moebus 34, LLC
Block 14, Lot 32
Town of Clinton
Hunterdon County, New Jersey



Wayne J. Ingram, P.E., P.P., P.L.S.
Professional Engineer
License No. 24GEB04258200

Date: 3-3-2020

Celebrating
20
2000-2020
*Expertise
Innovation
Solutions*



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Clinton | Asbury Park | Denville | Philadelphia

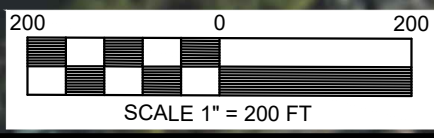





 140 WEST MAIN STREET CLINTON TOWNSHIP, NJ 08829
 (908) 238-0544 FAX: (908)238-9572
 C.O.A. #: 24GA28021500
 A PROFESSIONAL ASSOCIATION

TITLE:

SOIL LOG LOCATION MAP



LOCATION: 65 1/2 CENTER STREET BLOCK 14 LOT 32 TOWN OF CLINTON HUNTERDON COUNTY, NJ	SCALE: 1"=200'	PROJECT NO.: 8144
	DATE: 2/25/2020	DRAWN BY: AAP
	FILENAME: SLLOCATIONMAP.DWG	SHEET NO.: 1

Engineering & Land Planning Associates

Project:	Moebus	Date:	2/20/2020
Location:	Clinton Township	Sample:	IN PLACE
Test By:	Annika Asplund		SL-2 @ A (4'-5')

				<u>Disturbed</u>	
L=	6.000	T1=	86400	Tube Weight	700
H1=	7.500	T2=		Gross Weight	1,705
H2=	6.000	T3=		Net Weight	1,005
r=	1.125	T4=			
R=	1.125	T5=		Sample Vol. (in ³)	23.844375
		T(sec.)=	86400	(cm ³)	390.8093063
		T(min.)=	1440.00	Bulk Density	2.571586664
					min. 1.2 gr/cm ³
Soil Permeability:			<u>0.06</u>		
Soil Class:			<u>K0</u>		

Engineering & Land Planning Associates

Project:	Moebus	Date:	2/27/2020
Location:	Clinton Township	Sample:	IN PLACE
Test By:	Annika Asplund		SL-2 @ B (7'-7.5')

				<u>Disturbed</u>	
L=	6.000	T1=	82814	Tube Weight	700
H1=	7.500	T2=		Gross Weight	1,798
H2=	6.000	T3=		Net Weight	1,098
r=	1.125	T4=			
R=	1.125	T5=	82814	Sample Vol. (in ³)	23.844375
		T(sec.)=	82814	(cm ³)	390.8093063
		T(min.)=	1380.23	Bulk Density	2.809554385
					min. 1.2 gr/cm ³
Soil Permeability:			<u>0.06</u>		
Soil Class:			<u>K0</u>		

Engineering & Land Planning Associates

Project:	Moebus	Date:	2/26/2020
Location:	Clinton Township	Sample:	IN PLACE
Test By:	Annika Asplund		SL-2 @ C (9'-9.5')

				<u>Disturbed</u>	
L=	6.000	T1=	635	Tube Weight	700
H1=	7.500	T2=	1339	Gross Weight	1,558
H2=	6.000	T3=	1389	Net Weight	858
r=	1.125	T4=	1722		
R=	1.125	T5=	1761	Sample Vol. (in ³)	23.844375
		T(sec.)=	1761	(cm ³)	390.8093063
		T(min.)=	29.35	Bulk Density	2.195444137
					min. 1.2 gr/cm ³
Soil Permeability:			<u>2.74</u>		
Soil Class:			<u>K3</u>		

Engineering & Land Planning Associates

Project:	Moebus	Date:	2/26/2020
Location:	Clinton Township	Sample:	IN PLACE
Test By:	Annika Asplund		SL-3 @ A (4'-5.5')

				<u>Disturbed</u>
L=	3.000	T1=	90000	Tube Weight 700
H1=	4.500	T2=		Gross Weight 1,787
H2=	3.000	T3=		Net Weight 1,087
r=	1.125	T4=		
R=	1.125	T5=	90000	Sample Vol. (in ³) 11.9221875
		T(sec.)=	90000	(cm ³) 195.4046531
		T(min.)=	1500.00	
				Bulk Density 5.56281533
				min. 1.2 gr/cm ³
Soil Permeability:			<u>0.05</u>	
Soil Class:			<u>K0</u>	

Engineering & Land Planning Associates

Project:	Moebus	Date:	2/27/2020
Location:	Clinton Township	Sample:	IN PLACE
Test By:	Annika Asplund		SL-3 @ B (7'-7.5')

				<u>Disturbed</u>	
L=	6.000	T1=	5613	Tube Weight	700
H1=	7.500	T2=	6170	Gross Weight	1,171
H2=	6.000	T3=	5298	Net Weight	471
r=	1.125	T4=	5979		
R=	1.125	T5=	5799	Sample Vol. (in ³)	23.844375
		T(sec.)=	5799	(cm ³)	390.8093063
		T(min.)=	96.65	Bulk Density	1.205191362
					min. 1.2 gr/cm ³
Soil Permeability:			<u>0.83</u>		
Soil Class:			<u>K2</u>		