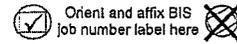




TR4: Technical Report
Soil Investigation
Must be typewritten.



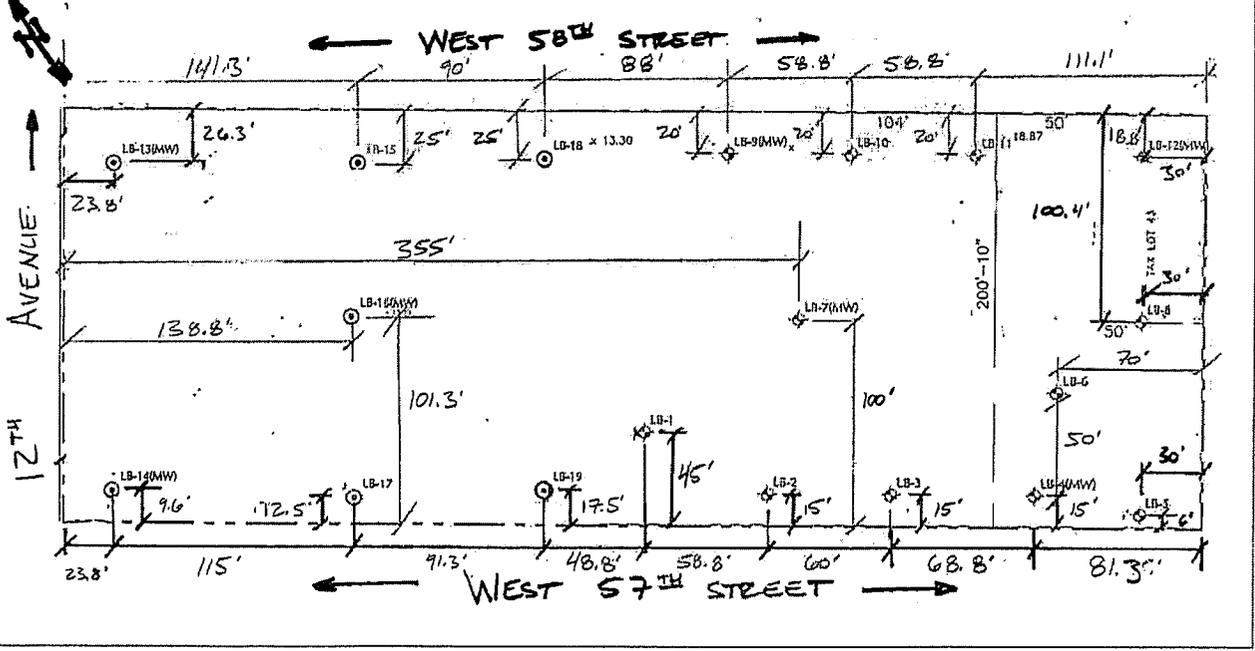
1 Location Information Required for all applications.				
House No(s) 625	Street Name West 57th Street			
Borough Manhattan	Block 1105	Lot 14	BIN 1813452	CB No. 104
Work on Floor(s) SUB,CEL,01 THRU05,ROF			Apt/Condo No(s)	

2 Applicant Information Required for all applications.				
Last Name Poeppel		First Name Alan		Middle Initial R
Business Name Langan Engineering and Environmental Services, PC			Business Telephone 212-479-5405	
Business Address 21 Penn Plaza, 360 West 31st Street			Business Fax 212-479-5444	
City New York	State NY	Zip 10001	Mobile Telephone	
E-Mail apoeppe@langan.com			License Number 080220	
<input checked="" type="checkbox"/> P.E. <input type="checkbox"/> R.A.				

3 Required Borings / Test Pits Required for all applications.	
Number of Test Pits as Required as per NYC Construction Codes:	

4 Plot Diagram Required for all applications.

Draw in ink to indicate scale. Show building outline or extension and location of all borings and/or test pits by dimensions. Borings and/or test pits shall be distributed according to the NYC Construction Codes.



5 Test Report Required for all applications.

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class- Number	Remarks
1/30/08	LB-1	23	Gray silty fine SAND	11-65	Note: Monitoring wells were installed in LB-4(MW), LB-7(MW) LB-9(MW), LB-12(MW) LB-13(MW), LB-14(MW), and LB-16(MW)
		45	Gray SILT, some clay	10-65	
		55	Brown, c-f SAND, some fine gravel	7-65	
		64	Gray slightly weathered GNEISS	1-65	
1/30/08	LB-2	23	Gray silty c-f SAND, gravel, silt	11-65	
		35	Gray SILT, some clay	10-65	
		44	Brown, c-f SAND, fine gravel, silt	7-65	
		50	GRANITE with quartz	3-65	
		55	Gray weathered GNEISS	4-65	
1/29/08	LB-3	60	Gray, weathered GNEISS	1-65	
		23	Gray silty c-f SAND, gravel, silt	11-65	
		31	Gray SILT, some clay	10-65	
		35	Brown, f SAND, silt	8-65	
		38	Brown, f-m SAND, gravel, silt	7-65	
1/24/08	LB-4(MW)	48	Gray weathered GNEISS, fractured	1-65	
		22	Gray silty c-f SAND, gravel, silt	11-65	

6 Statements and Signatures Required for all applications.

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

Signature

Date



8/8/11

P.E. / R.A. Seal (apply seal, then sign and date over seal)

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
1/30/08	LB-1	23	Gray silty fine SAND	11-65	Note: Monitoring wells were installed in LB-4(MW), LB-7(MW), LB-9(MW), LB-12(MW), LB-13(MW), LB-14(MW), and LB-16(MW)
		45	Gray SILT, some clay	10-65	
		55	Brown, c-f SAND, some fine gravel	7-65	
		64	Gray slightly weathered, fractured GNEISS	1-65	
1/30/08	LB-2	23	Gray silty c-f SAND, gravel, silt	11-65	
		35	Gray SILT, some clay	10-65	
		44	Brown, c-f SAND, fine gravel, silt	7-65	
		50	GRANITE with quartz	3-65	
		55	Gray weathered GNEISS	4-65	
		60	Gray, weathered GNEISS	1-65	
1/29/08	LB-3	23	Gray silty c-f SAND, gravel, silt	11-65	
		31	Gray SILT, some clay	10-65	
		35	Brown, f SAND, silt	8-65	
		38	Brown, f-m SAND, gravel, silt	7-65	
		48	Gray weathered GNEISS, fractured	1-65	
1/24/08	LB-4(MW)	22	Gray silty c-f SAND, gravel, silt	11-65	
		26	White-gray weathered GRANITE, fractured	4-65	
		31	White-gray weathered GRANITE, fractured	8-65	
2/1/08	LB-5	19	Brown c-f SAND, gravel, silt	11-65	
		29	White-gray weathered GRANITE, fractured	1-65	
1/28/08	LB-6	16	Brown c-f SAND, gravel, silt	11-65	
		26	White-gray weathered GRANITE, fractured	1-65	
1/17/08	LB-7(MW)	23	Brown c-f SAND, gravel, silt	11-65	
		36	Gray-Black SILT, clay, fine sand	10-65	
		38.5	Brown fine SAND, silt	8-65	
		41	Brown, f-m SAND, silt	7-65	
		44	Brown, SILT, clay	10-65	
		47	White slightly weathered, GRANITE	2-65	
		52	White slightly weathered, GRANITE	1-65	
1/25/08	LB-8	16	Brown c-f SAND, gravel, silt	11-65	
		26	White-gray weathered GRANITE, fractured	1-65	

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
1/15/08	LB-9(MW)	23	Gray m-f SAND, gravel, silt	11-65	
		35	Gray SILT, clay, fine sand	10-65	
		45	White-yellow weathered GRANITE	1-65	
1/22/08	LB-10	20	Brown m-f SAND, gravel, silt	11-65	
		29	Gray SILT, clay, fine sand	10-65	
		31	Brown m-f SAND, silt, gravel	7-65	
		36	White weathered GRANITE with quartz	2-65	
		41	White weathered GRANITE, fractured	4-65	
		46	White weathered GRANITE, fractured	2-65	
1/23/08	LB-11	11	Reddish brown BRICK, sand	11-65	
		20	Brown f-m SAND, silt,	7-65	
		25	White weathered GRANITE, fractured	4-65	
		30	White weathered GRANITE, fractured	3-65	
		35	White weathered GRANITE, fractured	1-65	
1/14/08	LB-12(MW)	3	Brown c-f SAND, gravel	11-65	
		13	White weathered GRANITE, fractured	1-65	
1/12/08	LB-13(MW)	9	Black c-f SAND, silt,	7	
		14	Grey clayey SILT	5b	
		40	Gray clayey SILT, fine sand, organic [OL]	6	
		52.5	Black decompsed micaceous rock	1d	
		62.5	Gray weathered, SCHIST	1b	
7/12/10	LB-14(MW)	9	Brown fine SAND, gravel, silt, clay	7	
		40	Black organic clayey SILT, gravel [OL]	6	
		45	Brown sandy SILT	5b	
		46	Black micaceous rock fragments	1d	
		50	Black weathered SCHIST	1b	
		53	Black weathered SCHIST	1c	
7/12/10	LB-15	21	Brown c-f GRAVEL, c-f sand, silt	7	
		44	Dark Gray CLAY, silt, sand,	6	
		50	Gray GNEISSIC SCHIST weathered	1b	
		54	Black micaceous rock fragments	1a	

