

# ENVIRON

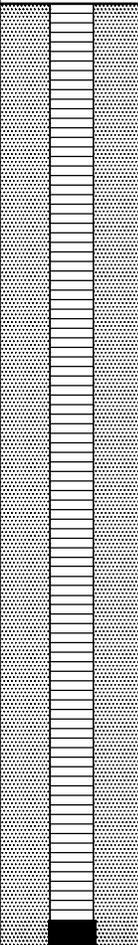
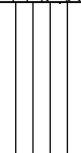
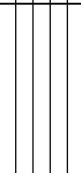
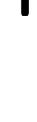
6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-7**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/25/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21					<b>SANDY SILT (ML/SM), DARK YELLOWISH BROWN (10YR 3/6);</b> moist, very fine to fine sand (0% gravel, 40% sand, 60% fines).	
22						
23					<b>CLAYEY SILT with sand (ML),</b> moist, very fine to fine sand, variegated coloring (0% gravel, 20% sand, 80% fines).	
24						
25						
26					<b>SANDY SILT (ML), DARK OLIVE BROWN (2.5Y 3/3);</b> very fine to fine sand (0% gravel, 30% sand, 70% fines).	
27						
28						
29					<b>CLAY with silt (CL), DARK GRAYISH BROWN (2.5YR 4/2);</b> moist, trace organics, iron oxide staining, low plasticity and toughness by hand roll test (0% gravel, 5% sand, 95% fines).	
30						
31					<b>SAND with silt (SP-SM), VERY DARK BROWN (10YR 2/2);</b> saturated (0% gravel, 90% sand, 10% fines).	
32						
33						
34					<b>SILTY CLAY (CL), VERY DARK GRAYISH BROWN (2.5Y 3/2);</b> moist, iron oxide staining, medium plasticity and toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
35						
36					End of boring at 36.5 feet bgs.	
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						

**Sample Graphics**

 Hand Auger

 No Recovery

 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-8**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/25/2007**

Well Construction Details

Blank Casing (feet):	0 to 17	4-inch Sch. 40 PVC
Screen (feet):	17 to 37	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 13	Bentonite Grout
	13 to 15	Bentonite Pellets
	15 to 37.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

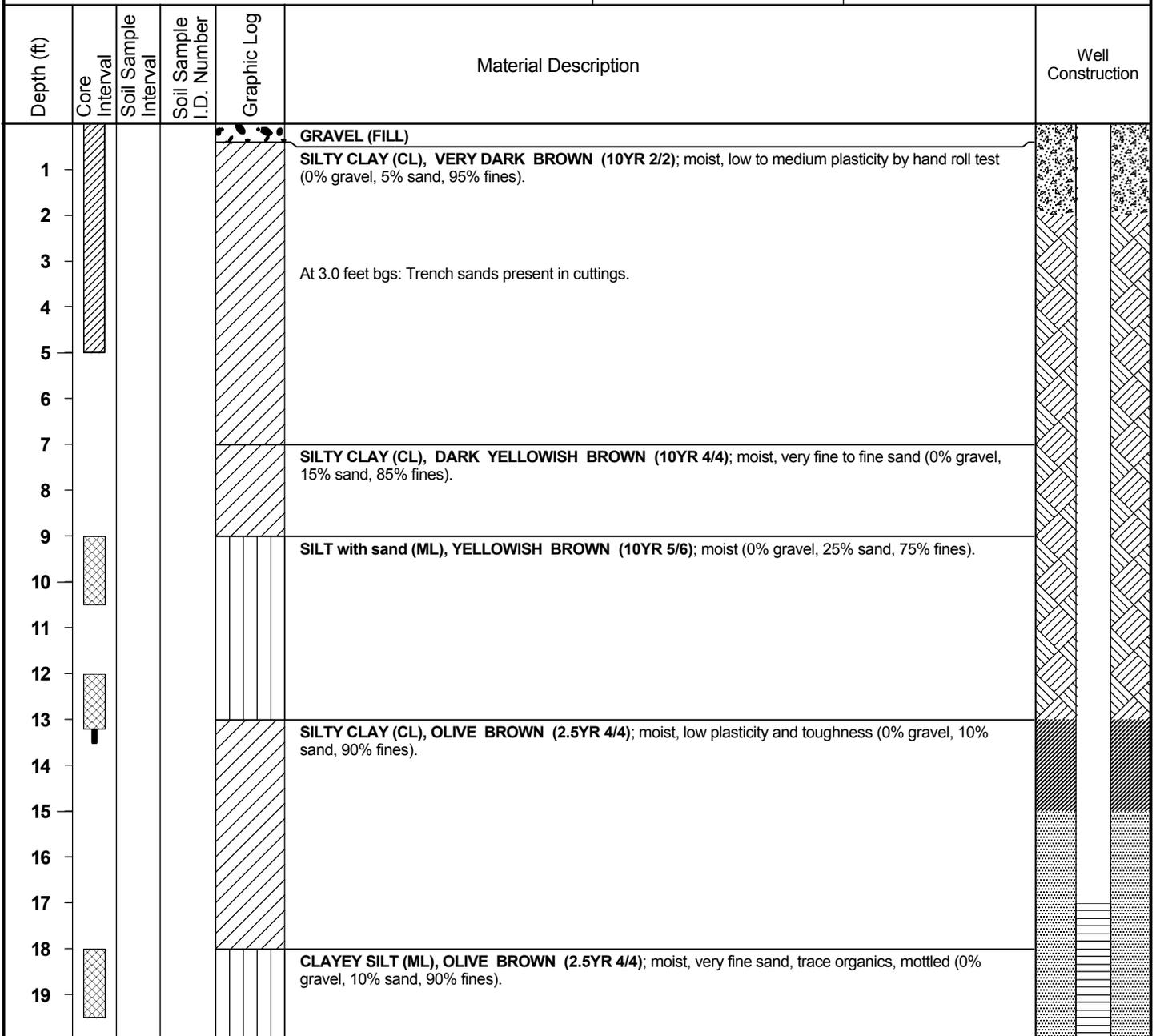
GS Elevation: **191.110 ft. MSL**

Northing: **1914234.39**

Easting: **6182433.20**

Total Depth: **37.5 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger  
 No Recovery

Soil Sample for Physical Testing  
 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-8**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/25/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21					<b>SILTY CLAY (CL), OLIVE BROWN (2.5YR 4/4)</b> ; moist, low plasticity and toughness (0% gravel, 10% sand, 90% fines).	
22						
23						
24					<b>SANDY SILT (ML), DARK YELLOWISH BROWN (10YR 3/4)</b> ; moist, very fine to fine sand (0% gravel, 30% sand, 70% fines).	
25						
26					<b>CLAYEY SILT (ML), OLIVE BROWN (2.5Y 4/4)</b> ; moist (0% gravel, 75% sand, 25% fines).	
27						
28						
29						
30					<b>SILTY SAND (ML/SM), VERY DARK BROWN (2.5YR 3/2)</b> ; saturated (0% gravel, 60% sand, 40% fines).	
31						
32					<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2)</b> ; low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
33						
34			EW-8-33.5-34.0			
35					<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2)</b> ; low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
36						
37			EW-8-37.0-37.5		End of boring at 37.5 feet bgs. Extraction well installed 4/25/2007.	
38						
39						
40						
41						
42						
43						
44						
45						
46						

**Sample Graphics**

- Hand Auger
- No Recovery

- Soil Sample for Physical Testing
- Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-9**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **5/1/2007**

Well Construction Details

Blank Casing (feet):	0 to 17.5	4-inch Sch. 40 PVC
Screen (feet):	17.5 to 37.5	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 13.5	Bentonite Grout
	13.5 to 15.5	Bentonite Pellets
	15.5 to 38	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

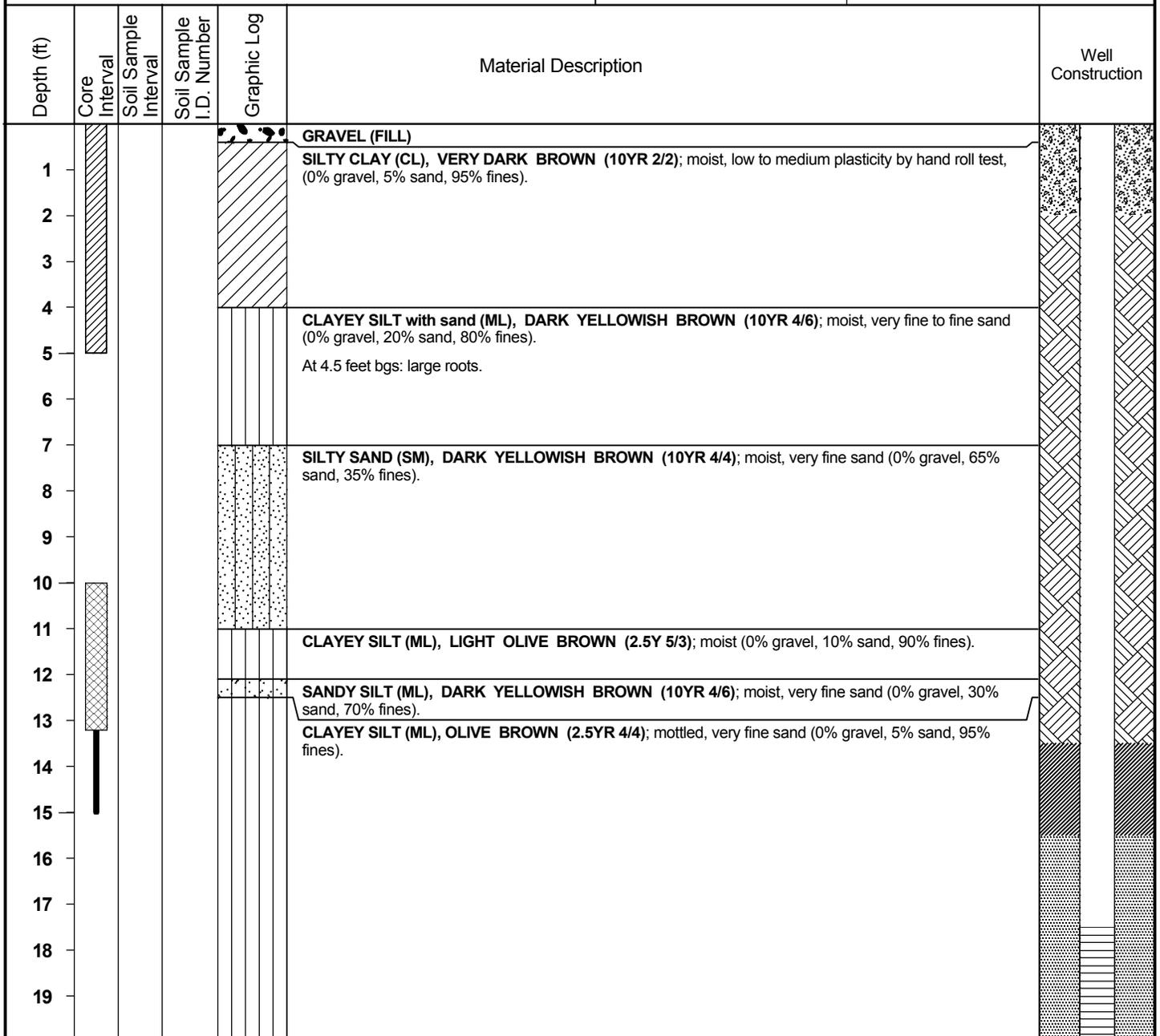
GS Elevation: **190.635 ft. MSL**

Northing: **1914258.61**

Easting: **6182458.04**

Total Depth: **38.0 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger

No Recovery

Core Recovery

# ENVIRON

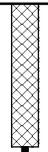
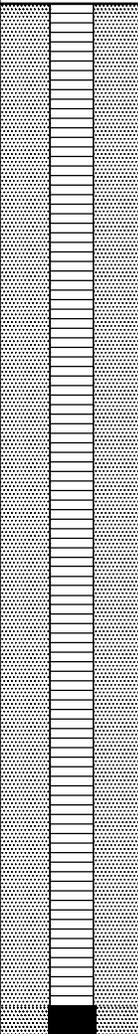
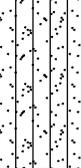
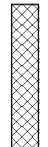
6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-9**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **5/1/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21						
22					<b>SANDY SILT (ML), DARK YELLOWISH BROWN (10YR 3/4);</b> moist (0% gravel, 30% sand, 70% fines).	
23						
24						
25						
26					<b>CLAYEY SILT (ML), DARK YELLOWISH BROWN (10YR 3/4);</b> moist (0% gravel, 10% sand, 90% fines).	
27					<b>SILT with sand (SM), DARK YELLOWISH BROWN (10YR 3/4);</b> saturated (0% gravel, 25% sand, 75% fines).	
28						
29						
30					<b>SILTY CLAY (CL), OLIVE BROWN (2.5Y 4/3);</b> moist, variegated staining, low plasticity and toughness by hand roll test (0% gravel, 10% sand, 90% fines).	
31						
32						
33					<b>SAND with silt (SM), VERY DARK BROWN (10YR 2/2);</b> saturated (0% gravel, 90% sand, 10% fines).	
34					From 34.0 feet: grades with increasing sand.	
35						
36					<b>CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2);</b> low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
37						
38						
39					End of boring at 38.0 feet bgs.	
40					Extraction well installed 5/1/2007.	
41						
42						
43						
44						
45						
46						

**Sample Graphics**

 Hand Auger

 No Recovery

 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-10**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/26/2007**

Well Construction Details

Blank Casing (feet):	0 to 18	4-inch Sch. 40 PVC
Screen (feet):	18 to 38	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 14	Bentonite Grout
	14 to 16	Bentonite Pellets
	16 to 38.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

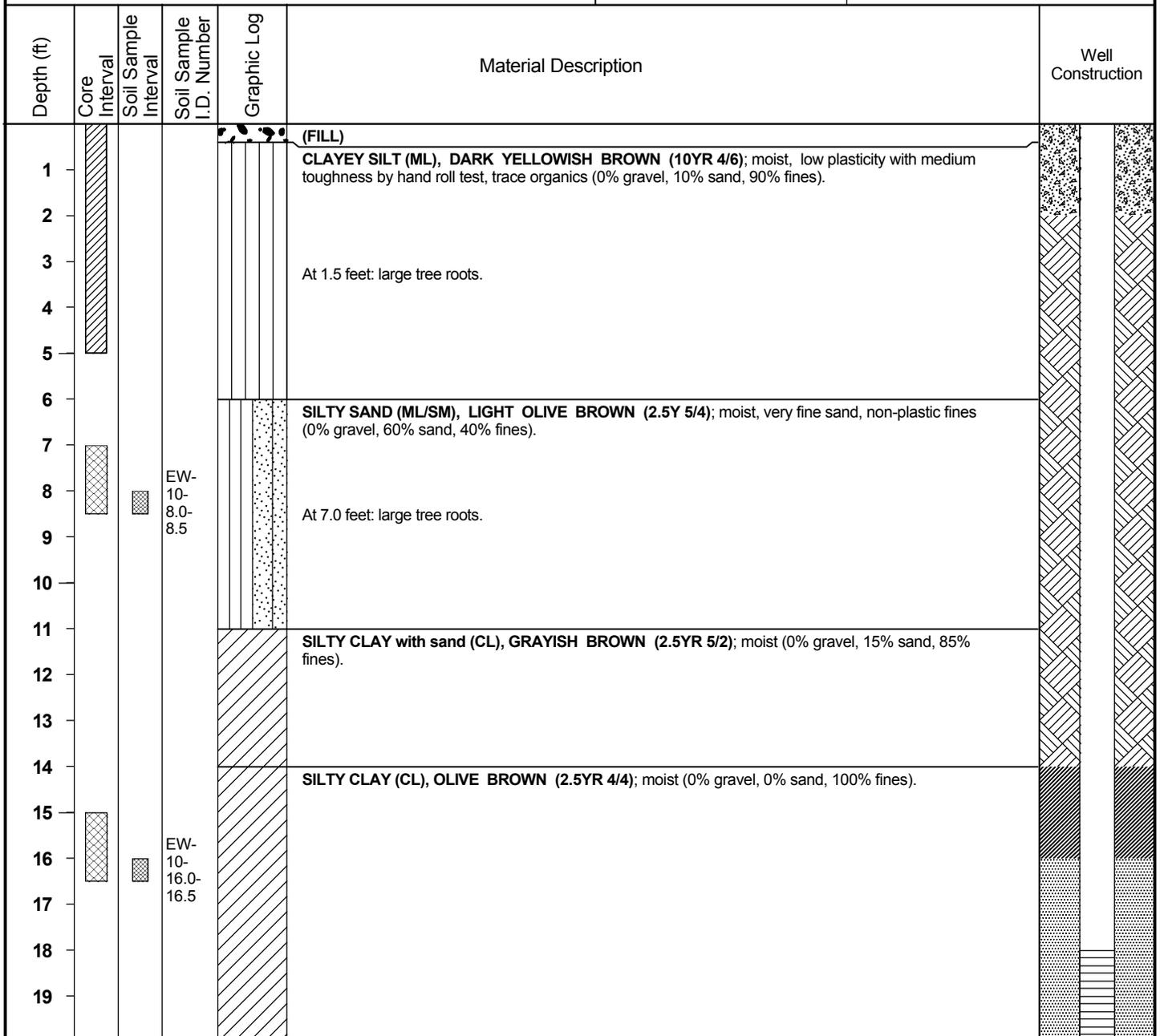
GS Elevation: **191.105 ft. MSL**

Northing: **1914283.03**

Easting: **6182483.26**

Total Depth: **38.5 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

 Hand Auger  
 No Recovery

 Soil Sample for Physical Testing  
 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-10**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/26/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21						
22			EW-10-22.5-23.0		<b>SANDY CLAY (CL), OLIVE BROWN (2.5YR 4/3);</b> moist, fine sand (0% gravel, 30% sand, 70% fines).	
23						
24						
25						
26					<b>SILT (ML), DARK OLIVE BROWN (2.5YR 3/3);</b> moist, very fine sand (0% gravel, 10% sand, 90% fines).	
27					<b>SILT with sand (ML), DARK YELLOWISH BROWN (10YR 3/4);</b> moist (0% gravel, 20% sand, 80% fines).	
28						
29					<b>CLAYEY SILT (ML), DARK GRAYISH BROWN (2.5Y 4/2);</b> moist, iron oxide staining, low to medium plasticity with low toughness by hand roll test (0% gravel, 10% sand, 90% fines).	
30						
31						
32					<b>SILTY SAND (SM), VERY DARK BROWN (2.5YR 3/2);</b> saturated (0% gravel, 80% sand, 20% fines).	
33						
34						
35			EW-10-35.0-35.5 EW-10-36.0-36.5		<b>CLAY with sand (CL), OLIVE BROWN (2.5Y 4/3);</b> moist, iron oxide staining, low to medium plasticity with low toughness, very fine to fine sand (0% gravel, 25% sand, 75% fines).	
36						
37						
38						
39					End of boring at 38.5 feet bgs.	
40					Extraction well installed 4/25/2007.	
41						
42						
43						
44						
45						
46						

**Sample Graphics**

-  Hand Auger
-  No Recovery

-  Soil Sample for Physical Testing
-  Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-11**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/30/2007**

Well Construction Details

Blank Casing (feet):	0 to 17	4-inch Sch. 40 PVC
Screen (feet):	17 to 37	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 13	Bentonite Grout
	13 to 15	Bentonite Pellets
	15 to 37.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

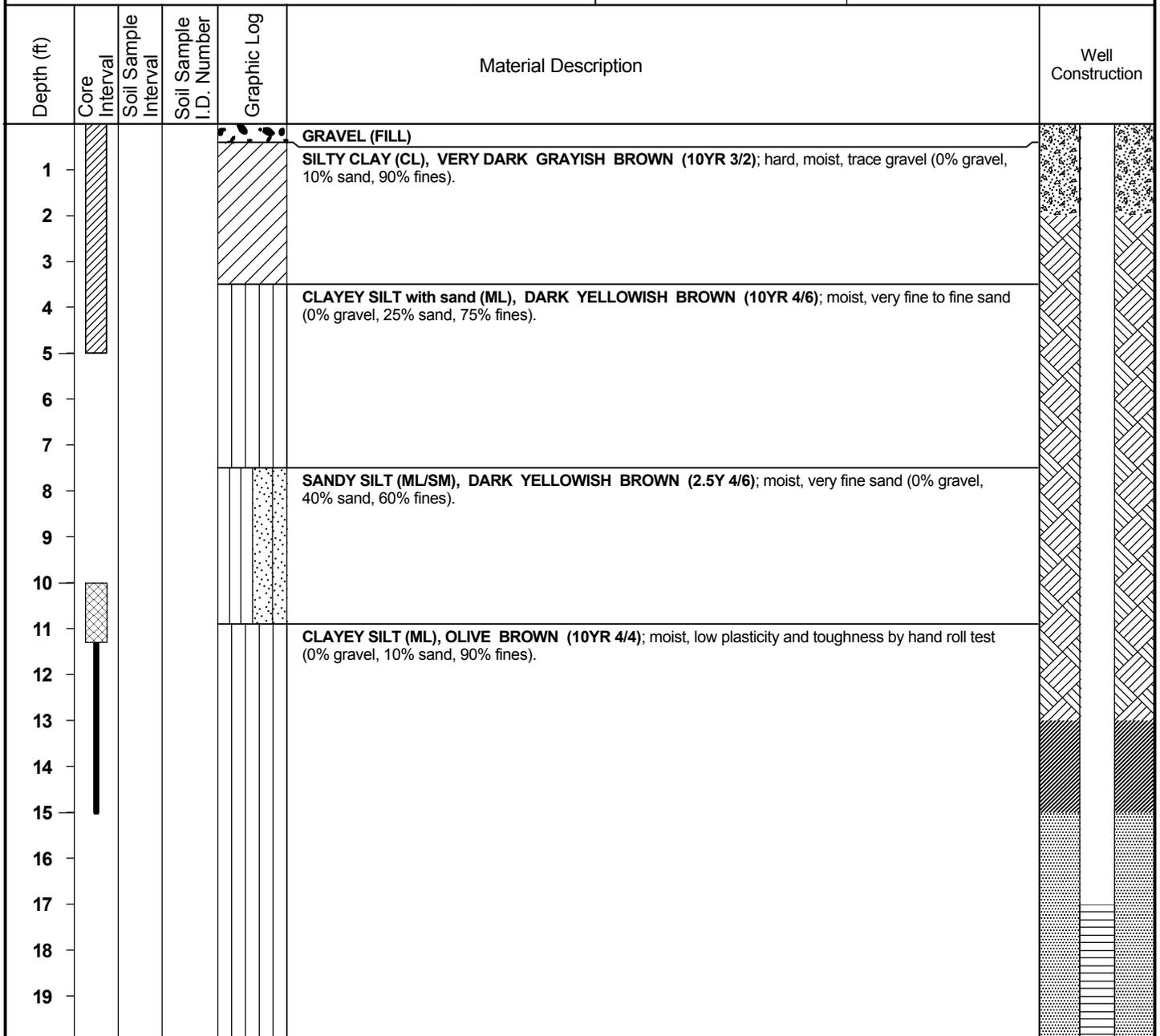
GS Elevation: **191.670 ft. MSL**

Northing: **1914307.04**

Easting: **6182508.81**

Total Depth: **37.5 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger

No Recovery

Core Recovery

# ENVIRON

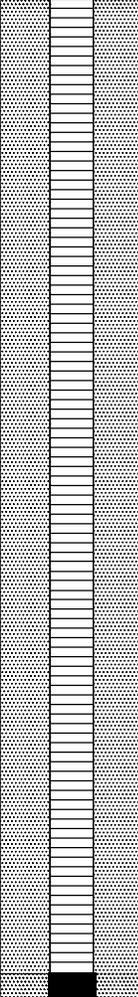
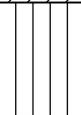
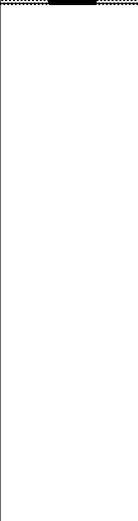
6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-11**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/30/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21					<b>SILTY CLAY (CL), OLIVE BROWN (2.5YR 4/4)</b> ; moist, iron oxide staining, low plasticity and toughness by hand roll test (0% gravel, 5% sand, 95% fines).	
22						
23						
24						
25						
26						
27						
28						
29					<b>SILT with sand (ML), OLIVE BROWN (2.5Y 4/3)</b> ; saturated, very fine sand (0% gravel, 20% sand, 80% fines).	
30						
31						
32					<b>SILTY CLAY (CL), GRAYISH BROWN (2.5Y 4/2)</b> ; moist, iron oxide staining (0% gravel, 10% sand, 90% fines).	
33						
34					<b>SAND with silt (SP-SM), VERY DARK BROWN (2.5YR 2/2)</b> ; saturated (0% gravel, 85% sand, 15% fines).	
35						
36					<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2)</b> ; low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
37						
38	End of boring at 37.5 feet bgs.					
39	Extraction well installed 4/30/2007.					
40						
41						
42						
43						
44						
45						
46						

**Sample Graphics**

 Hand Auger

 No Recovery

 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-12**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/23/2007**

Well Construction Details

Blank Casing (feet):	0 to 18	4-inch Sch. 40 PVC
Screen (feet):	18 to 38	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 14	Bentonite Grout
	14 to 16	Bentonite Pellets
	16 to 38.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

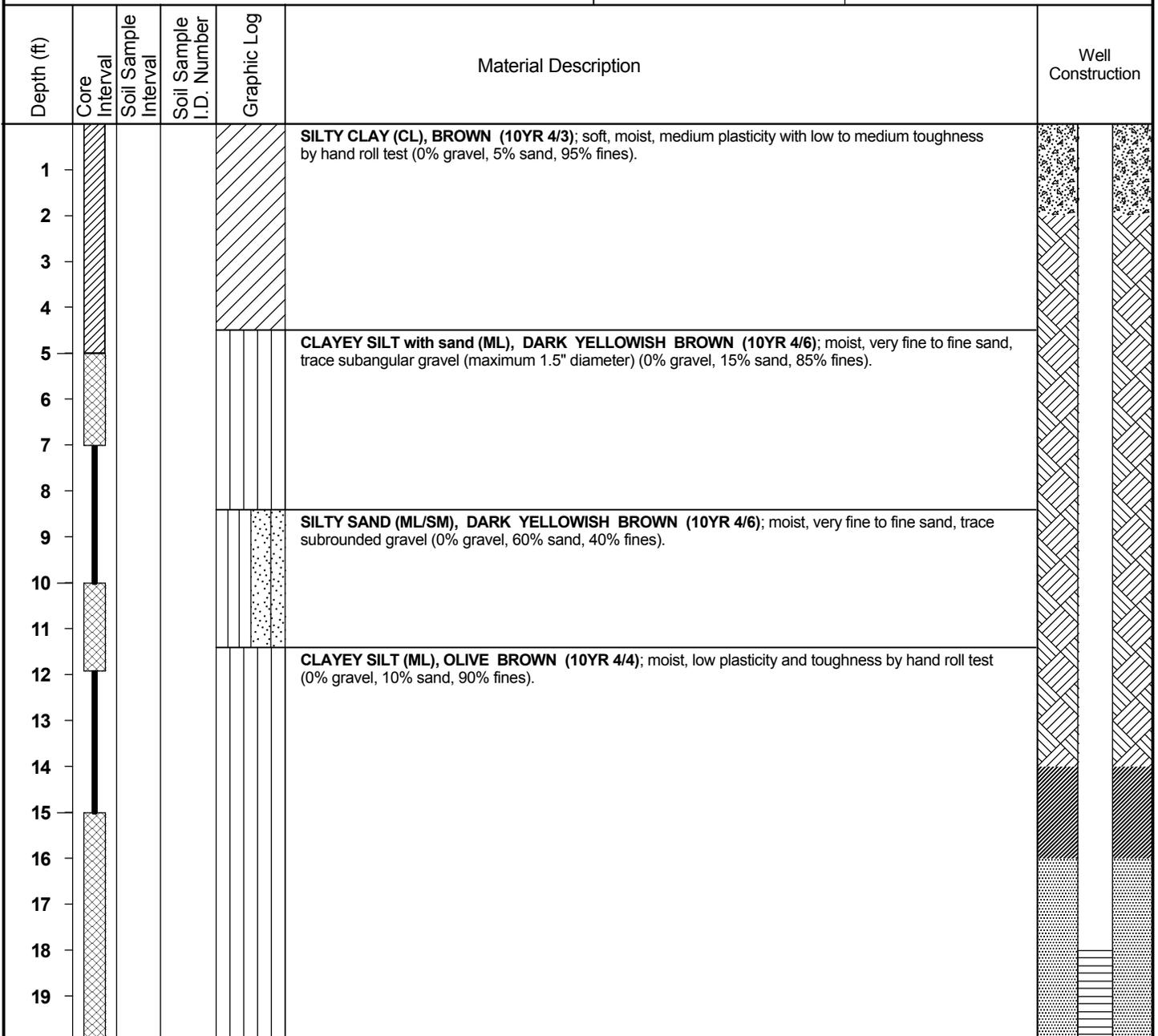
GS Elevation: **190.955 ft. MSL**

Northing: **1914319.47**

Easting: **6182540.83**

Total Depth: **40.0 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger

No Recovery

Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-12**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/23/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21					<b>SILTY CLAY (CL), OLIVE BROWN (2.5Y 4/4)</b> ; moist, iron oxide staining, low plasticity and toughness by hand roll test (0% gravel, 5% sand, 95% fines).	
22						
23					<b>SILT with sand (ML), OLIVE BROWN (2.5Y 4/3)</b> ; saturated (0% gravel, 15% sand, 85% fines).	
24						
25						
26					<b>SILTY CLAY (CL), GRAYISH BROWN (2.5Y 5/2)</b> ; moist, mottled with olive brown (10 YR 4/3) (0% gravel, 10% sand, 90% fines).	
27						
28					<b>SILTY SAND (SM), VERY DARK BROWN (10YR 2/2)</b> ; saturated (0% gravel, 85% sand, 15% fines). From 33.5 feet: increasing fines.	
29						
30					<b>SANDY SILT (ML), GRAYISH BROWN (2.5Y 5/2)</b> ; iron oxide staining (0% gravel, 35% sand, 65% fines).	
31						
32					<b>SILTY CLAY (CL), DARK GRAY (10YR 4/1)</b> ; moist, iron oxide staining, meduim plasticity and toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
33						
34					<b>SANDY SILT (ML), GRAYISH BROWN (2.5Y 5/2)</b> ; iron oxide staining (0% gravel, 35% sand, 65% fines).	
35						
36					<b>SANDY SILT (ML), GRAYISH BROWN (2.5Y 5/2)</b> ; iron oxide staining (0% gravel, 35% sand, 65% fines).	
37						
38					<b>SILTY CLAY (CL), DARK GRAY (10YR 4/1)</b> ; moist, iron oxide staining, meduim plasticity and toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
39						
40					<b>SANDY SILT (ML), GRAYISH BROWN (2.5Y 5/2)</b> ; iron oxide staining (0% gravel, 35% sand, 65% fines).	
41						
42					<b>SILTY CLAY (CL), DARK GRAY (10YR 4/1)</b> ; moist, iron oxide staining, meduim plasticity and toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
43						
44					<b>SANDY SILT (ML), GRAYISH BROWN (2.5Y 5/2)</b> ; iron oxide staining (0% gravel, 35% sand, 65% fines).	
45						
46					<b>SILTY CLAY (CL), DARK GRAY (10YR 4/1)</b> ; moist, iron oxide staining, meduim plasticity and toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
47						

End of boring at 40.0 feet bgs.  
Extraction well installed 4/23/2007.

**Sample Graphics**

Hand Auger  
 No Recovery

Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-13**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **5/1/2007**

Well Construction Details

Blank Casing (feet):	0 to 18	4-inch Sch. 40 PVC
Screen (feet):	18 to 38	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 14	Bentonite Grout
	14 to 16	Bentonite Pellets
	16 to 38.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

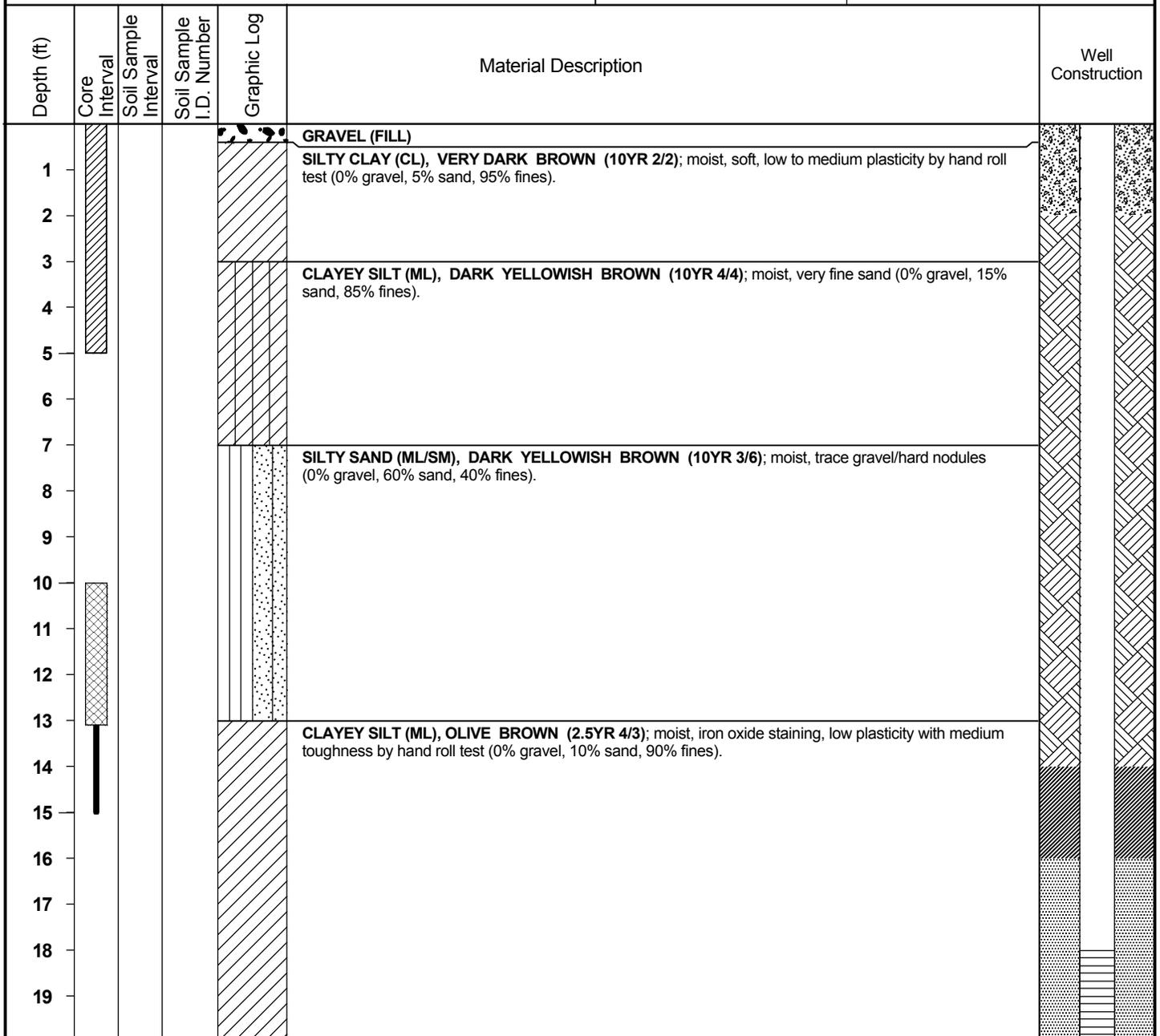
GS Elevation: **192.590 ft. MSL**

Northing: **1914245.64**

Easting: **6182494.66**

Total Depth: **40.0 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger

No Recovery

Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-13**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **5/1/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21						
22						
23					<b>SANDY SILT (ML), DARK YELLOWISH BROWN (10YR 4/6);</b> moist, variegated coloring, very fine to fine sand (0% gravel, 35% sand, 65% fines).	
24						
25					<b>SILTY CLAY (CL), GRAYISH BROWN (2.5YR 5/2);</b> moist, iron oxide staining, low plasticity with medium toughness by hand roll test (0% gravel, 5% sand, 95% fines).	
26						
27						
28					<b>SILTY SAND (SM), DARK OLIVE BROWN (2.5Y 3/3);</b> moist (0% gravel, 80% sand, 20% fines).	
29						
30						
31						
32					<b>SILT with sand (ML), OLIVE BROWN (2.5Y 4/3);</b> moist (0% gravel, 15% sand, 85% fines).	
33						
34					<b>SAND (SM), VERY DARK BROWN (10YR 2/2);</b> saturated (0% gravel, 90% sand, 10% fines).	
35						
36						
37						
38					<b>SILTY CLAY (CL), GRAYISH BROWN (2.5Y 5/2);</b> low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
39						
40						
41					End of boring at 40.0 feet bgs.	
42					Extraction well installed 5/1/2007.	
43						
44						
45						
46						

**Sample Graphics**

 Hand Auger

 No Recovery

 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-14**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/30/2007**

Well Construction Details

Blank Casing (feet):	0 to 18	4-inch Sch. 40 PVC
Screen (feet):	18 to 38	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 14	Bentonite Grout
	14 to 16	Bentonite Pellets
	16 to 38.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

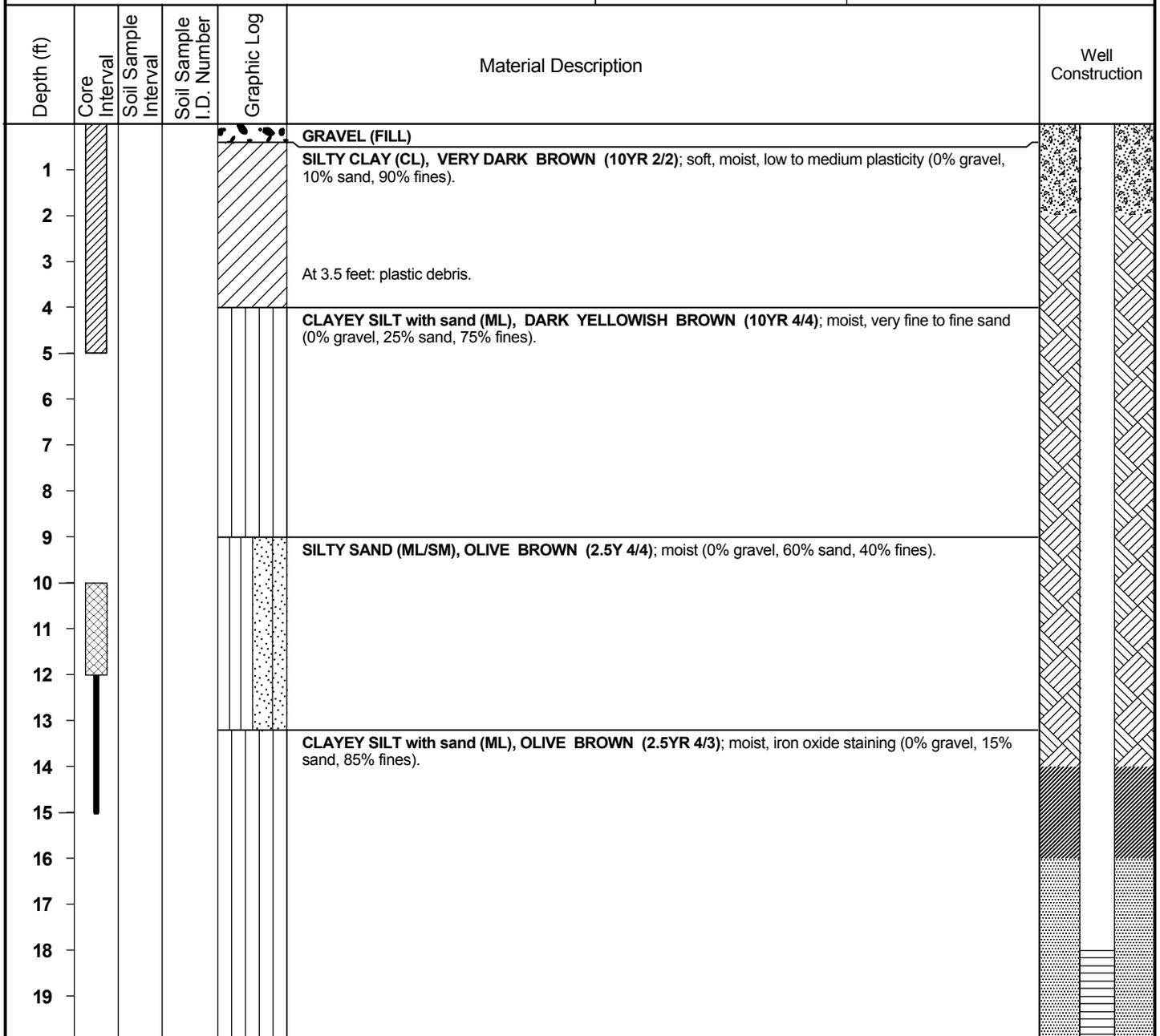
GS Elevation: **192.015 ft. MSL**

Northing: **1914269.80**

Easting: **6182520.28**

Total Depth: **38.5 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

Hand Auger

No Recovery

Core Recovery

# ENVIRON

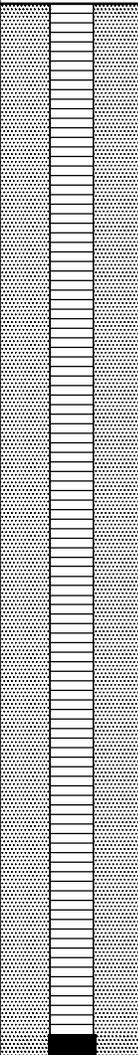
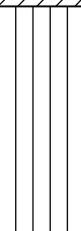
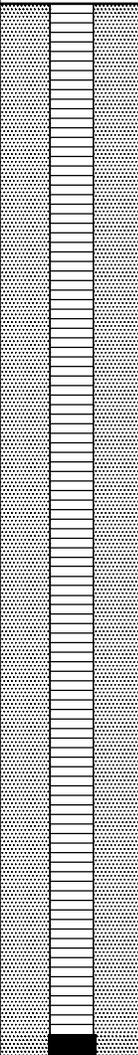
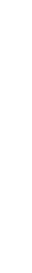
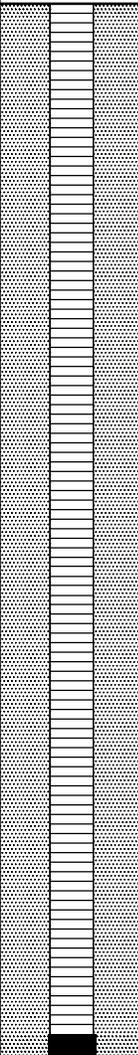
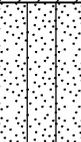
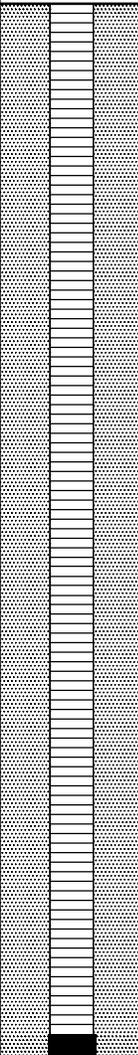
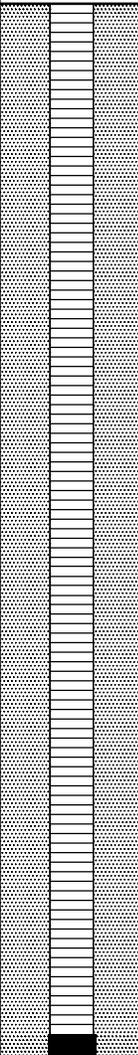
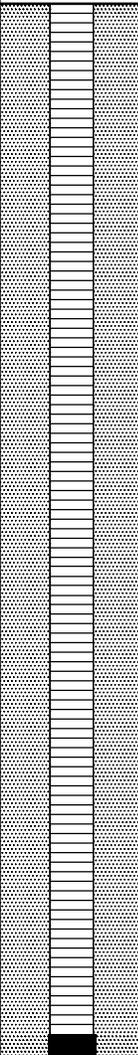
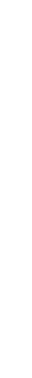
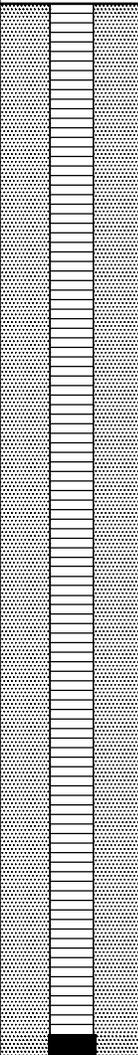
6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-14**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/30/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21					<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5YR 4/2)</b> ; soft, moist, iron oxide staining, low plasticity and toughness by hand roll test (0% gravel, 5% sand, 95% fines).	
22						
23						
24					<b>CLAYEY SILT with sand (ML), DARK YELLOWISH BROWN (10YR 3/4)</b> ; moist (0% gravel, 25% sand, 75% fines).	
25						
26						
27					<b>SILTY CLAY (CL), GRAYISH BROWN (10YR 5/2)</b> ; moist (0% gravel, 0% sand, 100% fines). From 30.5 - 31.0 feet bgs: saturated.	
28						
29						
30					<b>SAND with silt (SM), VERY DARK BROWN (10YR 2/2)</b> ; saturated (0% gravel, 90% sand, 10% fines).	
31						
32						
33					<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2)</b> ; low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).	
34						
35						
36					End of boring at 38.5 feet bgs.	
37						
38						
39					Extraction well installed 4/30/2007.	
40						
41						
42						
43						
44						
45						
46						

**Sample Graphics**

 Hand Auger

 No Recovery

 Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring Number: **EW-15**

Contractor: **Gregg Drilling, Inc.**

Driller: **Sean Rakow**

Project Number: **03-11903E**

Drilling Method: **Hollow Stem Auger**

Location: **San Jose, California**

Rig Type: **CME 95 Hollow Stem Auger Drill Rig**

Project Name: **Hitachi GST**

Sampling Method: **Continuous Core by California Split Spoon**

Date(s): **4/25/2007**

Well Construction Details

Blank Casing (feet):	0 to 18	4-inch Sch. 40 PVC
Screen (feet):	18 to 38	0.020 Slot Sch. 40 PVC
Annular Fill (feet):	0 to 2	Concrete
	2 to 14	Bentonite Grout
	14 to 16	Bentonite Pellets
	16 to 38.5	Monterey Sand # 3

Logged By: **N. Markman**

Checked By: **R. Russell**

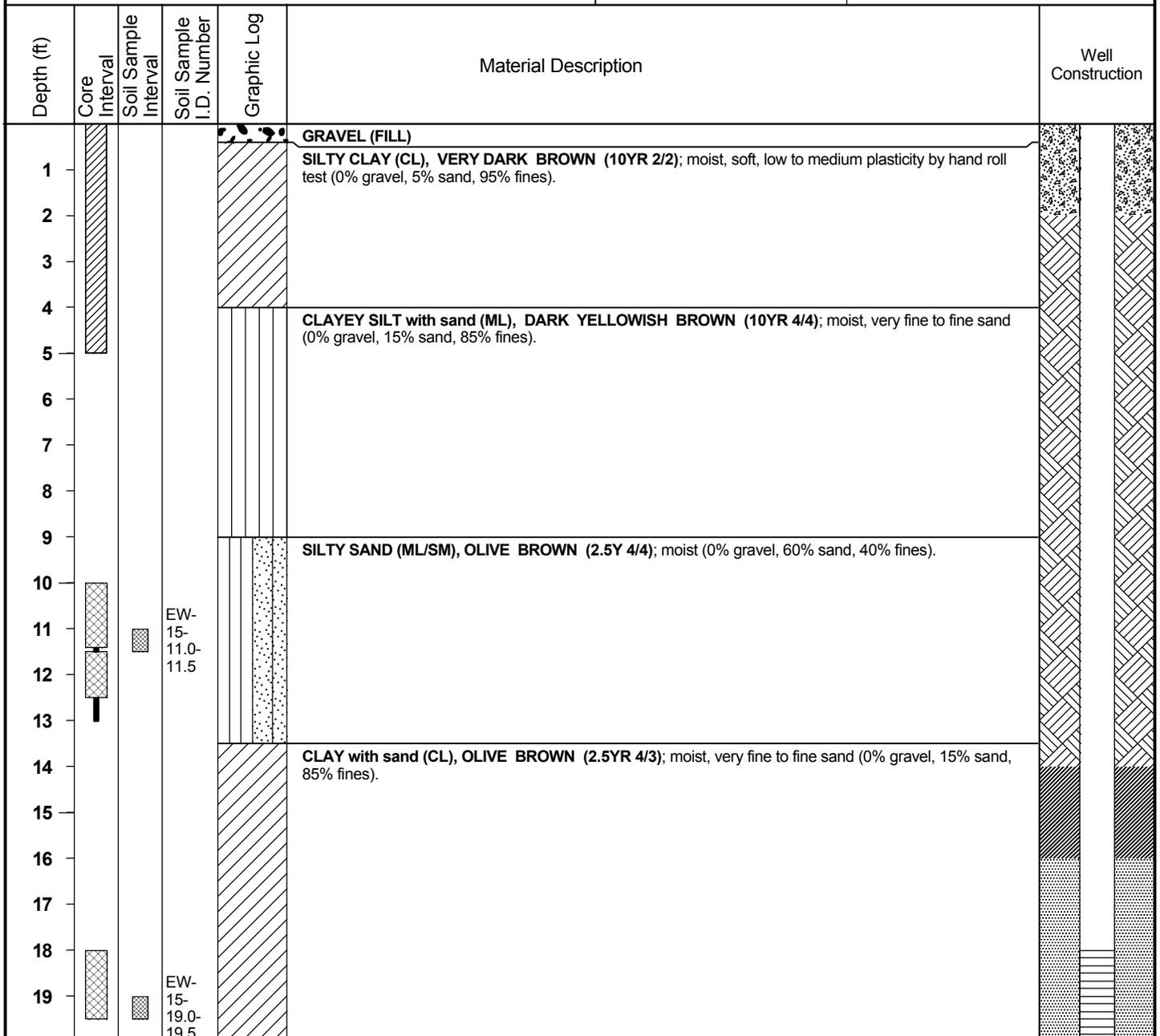
GS Elevation: **191.870 ft. MSL**

Northing: **1914244.27**

Easting: **6182544.55**

Total Depth: **38.5 feet**

Borehole Dia.: **10 inches**



**Sample Graphics**

- Hand Auger
- Soil Sample for Physical Testing
- No Recovery
- Core Recovery

# ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Boring No.: **EW-15**

Project No.: **03-11903E**

Project Name: **Hitachi GST,  
San Jose, California**

Date(s): **4/25/2007**

Depth (ft)	Core Interval	Soil Sample Interval	Soil Sample I.D. Number	Graphic Log	Material Description	Well Construction
21						
22						
23			EW-15-23.0-23.5		At 23 feet bgs: sand content increases to 20% and grades coarser.	
24						
25						
26						
27						
28					<b>SANDY SILT (ML), OLIVE BROWN (2.5Y 4/4); moist (0% gravel, 30% sand, 70% fines).</b>	
29						
30						
31					<b>CLAYEY SILT (ML), GRAYISH BROWN (2.5Y 5/2); moist (0% gravel, 0% sand, 100% fines).</b>	
32						
33						
34			EW-15-34.5-35.0		<b>SILT (ML), VERY DARK BROWN (10YR 2/2); saturated, non-plastic (0% gravel, 10% sand, 90% fines).</b>	
35					<b>SAND with silt (SP-SM), VERY DARK BROWN (10YR 2/2); saturated (0% gravel, 90% sand, 10% fines).</b>	
36			EW-15-37.0-37.5		<b>SILTY CLAY (CL), DARK GRAYISH BROWN (2.5Y 4/2); moist, low plasticity with medium toughness by hand roll test (0% gravel, 0% sand, 100% fines).</b>	
37						
38						
39					End of boring at 38.5 feet bgs.	
40					Extraction well installed 4/25/2007.	
41						
42						
43						
44						
45						
46						

**Sample Graphics**

-  Hand Auger
-  No Recovery

-  Soil Sample for Physical Testing
-  Core Recovery