



EarthSoft

BORING NUMBER B-20

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CLIENT Clean A

PROJECT NAME gINT Example

PROJECT NUMBER Kingsville

PROJECT LOCATION Chicago, IL

DATE STARTED _____ COMPLETED _____

GROUND ELEVATION 200 ft HOLE SIZE 2 in

DRILLING CONTRACTOR ABC Drilling

GROUND WATER LEVELS:

DRILLING METHOD Hollow Stem Auger 2

▽ AT TIME OF DRILLING 10.00 ft / Elev 190.00 ft after 10 minute delay

LOGGED BY Andy Caneday CHECKED BY Y. Me

▼ AT END OF DRILLING 7.00 ft / Elev 193.00 ft no sluff in BOH

NOTES General remarks

▼ 20hrs AFTER DRILLING 17.00 ft / Elev 183.00 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Top Elev: 124.5 (ft) Casing Type: PVC
5	GB Q-1				(SW-SM) WELL GRADED SAND WITH SILT, SILTY SAND, (SW-SM) 10 % gravel, 80 % sand, 10 % fines, green, well graded, rounded, fine to medium grained, moist, very loose, trace chert	← Cement 5% Bentonite Grout
6.0					▼ (SW-SM) WELL GRADED SAND WITH SILT, SILTY SAND, (SW-SM) (A-2-4) 10 % gravel, 80 % sand, 10 % fines, light brownish gray and light blueish green, well graded, well rounded, fine to medium grained, dry to moist, loose, fissured, with chert, and coal, trace coarse gravel, no odor, weak cementation, hydrocarbon staining, some comments	← 4 PVC Sch. 40
10	SPT S-1	1-2-3-4 (5)	Vapor = 66 FID = 20 GRO = 30 PID = 1 SOV = 60 TPH = 50 Vapor = 93 Vapor = 9		▼ (SW-SM) WELL GRADED SAND WITH SILT, SILTY SAND, (SW-SM) (A-2-4) 10 % gravel, 80 % sand, 10 % fines, brown and olive, well graded, well rounded, fine to medium grained, moist, medium dense, trace clay, little ferrous nodules, and chert, hydrocarbon odor, strong cementation, iron oxide staining, more comments	← Bentonite Seal
15	SPT S-2	4-5-6-7 (11)	Vapor = 23 FID = 20 PID = 10 Vapor = 11		▼ (CL) SANDY LEAN CLAY, SANDY CLAY, (CL) (A-6) 10 % gravel, 25 % sand, 65 % fines, brown and green, moist to moist, very stiff, medium plasticity, slow dilatancy, medium toughness, high dry strength, trace medium to coarse sand, some ferrous nodules, and mica, chemical odor, strong cementation, hydrocarbon staining, comments about the clay	← Sand (#3)
20	SPT S-3	8-9-10-11 (19)	Vapor = 83 GRO = 10 Vapor = 83			
25	ST T-1		PID = 22		(CH) SANDY FAT CLAY, (CH) gray, hard, high plasticity	
27.0	SPT S-4	45-46-50/3"	PID = 33 Vapor = 54 PID = 500 Vapor = 5		▼ (CH) SANDY FAT CLAY, SANDY FAT CLAY, (CH) 5 % gravel, 25 % sand, 70 % fines, gray, dry to moist, hard, fissured, high plasticity, no dilatancy, high toughness, high dry strength, trace clayey silt, little coal refuse, hydrocarbon odor, moderate cementation, hydrocarbon staining, more comments	← 4 PVC Sch. 40 0.010 slot
30	SPT S-5	45-50/2"				
	SPT S-6	50/1"	Vapor = 12			
35						

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ENVIRONMENTAL BH - GINT STD US.GDT - 5/20/19 12:58 - C:\USERS\HAGE\APPDATA\LOCALITEMPT\MPA08\PROJECT.GPJ



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35						
	RC R-1		Vapor = 91		CLAYEY SHALE, freshly weathered, thinly bedded, inclined, dark brownish gray to light olive green, finely crystalline, hard, medium fracture spacing, 15° bedding angle, dry, no staining, rock comments, Layer RQD = 100%	<p>155.0</p> <p>← Bentonite Seal</p> <p>← Cement 5% Bentonite Grout</p> <p>← Cave-in</p>
40			Vapor = 15			
	RC R-2		Vapor = 47			
45				45.0		

Bottom of borehole at 45.0 feet.