



Department of
Environmental
Conservation

Daily Field Report
Heatset RSO
Wednesday July 13, 2022

Project Name: National Heatset Printing Company Remedial Site Optimization	Wind Direction: calm
NYSDEC Site # 152140	Weather (am): Low 80s, Clear
Contract # D006129-07	Weather (pm): low 90s, Clear
Location: Babylon, New York	Arrival time: 07000
EA Staff: Patrick Gannon	Departure time: 1730

HEALTH AND SAFETY	
Tailgate Safety Topic of the Day:	Heat stress, biological hazards (poison ivy)
Any changes to the HASP:	no
Are monitoring results at acceptable levels?	Soil: n/a Water: n/a Air: n/a

DESCRIPTION OF WORK PERFORMED

Soil Borings DNAPL Delineation

EA continued soil borings for the day, with the goal of continuing to delineate the DNAPL north of the building. Over the course of the day EA and Cascade completed soil boring SB-01A, collected SP water sample at SPC-01A-84, and completed SB-01BN. DNAPL was not detected at 84 feet bgs in SB-01A, thus concluding the western portion of delineation; DNAPL was detected at 84 feet bgs in SB-01BN. The goal for the rest of the week is to complete SPC-01BN-84, and then move into the building to complete the originally planned soil borings.

- 0700 P. Gannon (EA) arrived onsite
- 0725 Cascade arrived onsite P. Gannon, conducts health and safety meeting and discusses the plan for the day
- 0745 Mobilize to SB-01A
- 0800 Resume SB-01A
- 0850 Complete SB-01A, No DNAPL present at 84 feet bgs
- 0905 Cascade begins SPC-01A-84
- 0940 Cascade begins SB-01BN
- 1009 Sample at SPC-01A-84
- 1540 Cascade pauses at 82.5 feet to refuel the rig
- 1705 Cascade completes SB-01BN, DNAPL present
- 1725 Cascade breaks down for the day and departs site
- 1730 P. Gannon departs site.



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Photographs

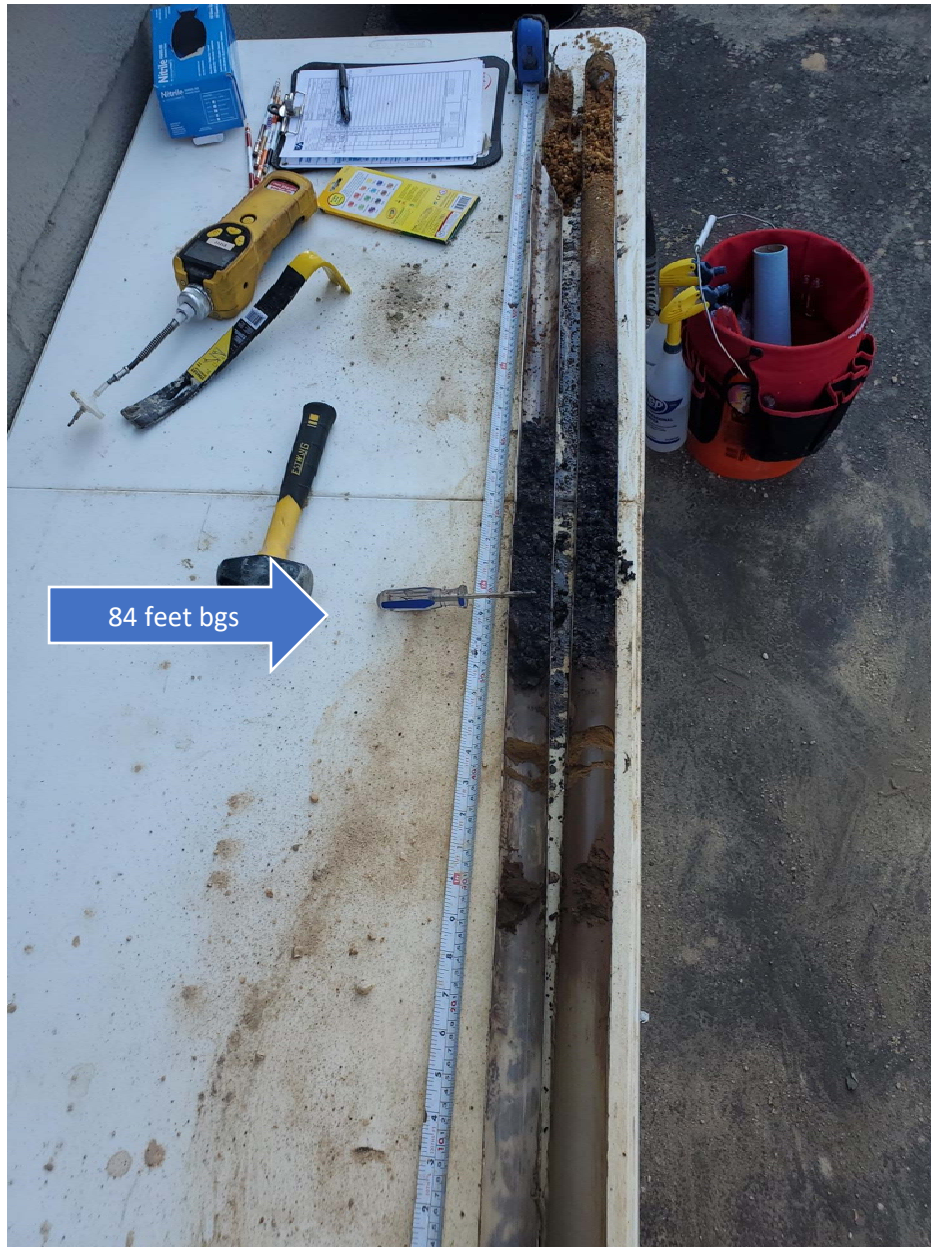


SB-01BN sampling 82.5-85 feet bgs.



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SB-01BN: Final segment of the soil boring for SB-01F, the screwdriver marks 84 feet bgs. Interval is 82.5 to 85 feet bgs.



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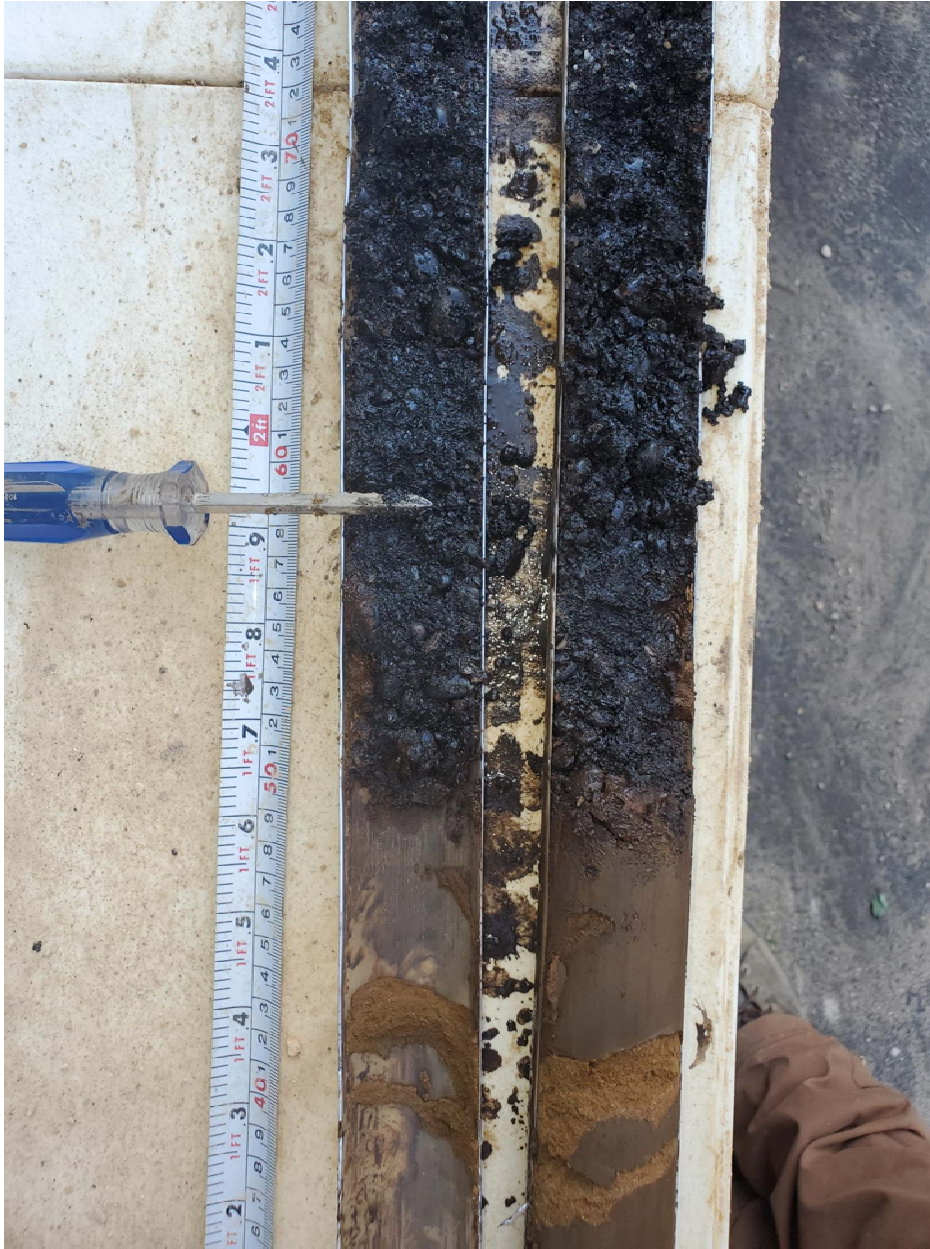


SB-01BN: View of DNAPL, the screwdriver marks 84 feet bgs.



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SB-01BN: View of DNAPL at gravel-clay interface. Free product present, leaking onto the table, the screwdriver marks 84 feet bgs



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SB-01A: View of soil boring segment 80-85 feet bgs. No DNAPL present, the screwdriver marks 84 feet bgs.



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SB-01A: View of gravel-clay interface. No DNAPL present, the screwdriver marks 84 feet bgs.