

March 12, 2024

RaceTrac, Inc.

200 Galleria Parkway SE
Suite 900
Atlanta, Georgia 30339

Attention: Rowshi Craven
Lead Engineering Project Manager

Reference: Report of Supplemental Geotechnical Exploration
RaceTrac Clayton
Clayton, Rabun County, Georgia
UES Project No: A24104.00195.000

Dear Rowshi,

UES Professional Solutions 18, LLC (UES) has completed the test pit exploration for the project referenced above in general accordance with the scope of services outlined in UES/Contour's Proposal Number: A24104.00195.000, dated January 29, 2023. The following report includes a summary of the project information and the findings from our subsurface investigation and evaluation. This report supplements our previous Report of Geotechnical Exploration (Project No: G23RAC05) dated April 28, 2023.

PROJECT INFORMATION

The subject site is located on the western side of US Highway 441 at the intersection of Us 441 and Wal-Mart Road in Clayton, Rabun County, Georgia. The site is a previously graded lot. Based on the review of historic aerial images, it appears that the area was historically utilized for agricultural purposes. Grading activities, likely in association with nearby development, have since occurred.

According to provided topographic information, existing elevations range from about 1085 feet in the southwestern portion of the site to 1075 feet in the Northeastern portion. The site is bounded on the east side by what looks to be soils from Roadway construction along US 441, and by Stekoa Creek to the east.

We understand that the proposed project will include the construction of a new RaceTrac Market. The proposed project will include the construction of a new 6,008 square foot market, 8-island car and light truck pump station with canopy, a 4-island over the road tractor – trailer pump station with canopies, new underground storage tanks, dumpster area, and associated drive isles. Based on the provided grading plan cut and fill will be less than 5 feet across the site, with the except for the underground storage tank areas. We were not provided with structural

loading information at the time of this study. Based on previous experience we have assumed that wall and column loads will not exceed 3 kips per linear foot and 200 kips, respectively.

FIELD EXPLORATION

Our supplemental field exploration included performing a total of eight (8) test pits with Caterpillar (CAT) 338, designated as TP-1 through TP-8 at the approximate locations shown on the attached boring location plan. The locations of the test pits were chosen with regards to areas that we encountered auger refusal in our previous geotechnical exploration dated April 28, 2023. The test pits were located using a handheld GPS unit. As a result, the depicted test pit locations should be considered approximate. If more exact locations are desired, we recommend that a professional surveyor be engaged to locate the test pits.

SUBSURFACE CONDITIONS

Beneath the surficial topsoil layer, fill soils were encountered to test pit termination depths ranging from approximately 10 to 15 feet. A topsoil thickness ranging from about 2 to 5 inches was measured in the test pit locations explored.

Fill soils/materials, are those soils that have been placed or reworked by man in conjunction with past construction grading, underground utility installation, farming (cultivated) or other previous activity at the site. Fill can be composed of different soil types from various sources and can contain debris from building demolition, organics, topsoil, trash, etc. The engineering properties of the fill depend primarily on its composition, density, and moisture content.

Fill materials were encountered to termination depths in all of the test pits performed for this evaluation. These depths ranged from approximately 10 to 15 feet below the existing ground surface in the test pits performed for this study. The fill soils were described as silty sands (SM) with varying amounts of rock fragments and boulders.

Groundwater was observed in Test Pit 8 at a depth of about 8 feet below the existing ground surface.

RECOMMENDATIONS

In section 5.2 (Excavation Conditions) of the previously published geotechnical exploration, it is noted that the large rock fragments and boulders may have been the cause of auger refusal in borings B-06, B-13, and B-13a. Based on the conditions encountered in the test pits, it appears that this is the case. We believe most of these boulders will be able to be removed by utilizing excavation equipment of similar size or larger than used in the test pit excavations. However, it should be noted that one boulder in test pit TP-2 was not able to be removed by the CAT 338. If other boulders of similar size (or greater) are located during grading activities, it may be necessary to use a hoe ram or select blasting to reduce the large boulders to a removable size.

All other recommendations presented in the previous geotechnical exploration that are not directly addressed in this supplemental exploration should still be considered valid.



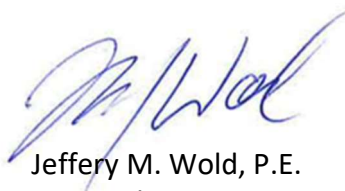
CLOSING

We appreciate the opportunity to continue to work with you on this project. Should you have any questions regarding this report or if we may be of further service, please contact our office.

Sincerely,
Contour Engineering, LLC

A handwritten signature in blue ink, appearing to read "J. Sparks", written in a cursive style.

James Sparks
Project Geologist

A handwritten signature in blue ink, appearing to read "J. Wold", written in a cursive style.

Jeffery M. Wold, P.E.
Principal Engineer

Appendix: Test Pit Location Plan
 Test Pit Logs

Copies Submitted: Addressee (via email)

TEST PIT SUMMARY
RaceTrac – Test Pit Exploration
Clayton, Georgia
Contour Project No: A24104.00195.000

TP – 1	
Depth (FT)	Description
0.0 – 0.17	Topsoil – 2 inches
0.17 – 10	Fill: Tan, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 10 feet



View of Excavated Material

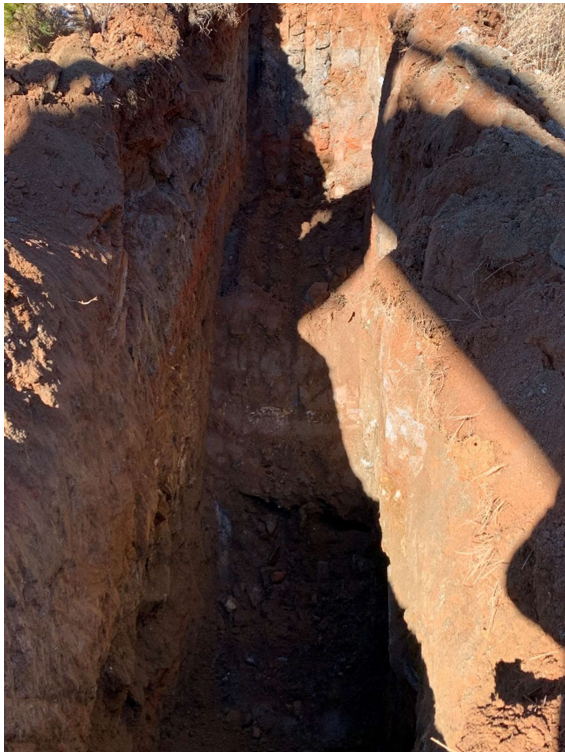


View of Test Pit Excavation



TEST PIT SUMMARY
RaceTrac – Test Pit Exploration
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TP – 2	
Depth (FT)	Description
0.0 – 0.33	Topsoil – 4 inches
0.33 – 15	Fill: Tan, silty SAND (SM) with large rock fragments, with a non-excavatable boulder at 2.5 to 6 feet
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation

TEST PIT SUMMARY
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TP – 3	
Depth (FT)	Description
0.0 – 0.25	Topsoil – 3 inches
0.25 – 15	Fill: Tan, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation

TEST PIT SUMMARY
RaceTrac – Test Pit Exploration
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Contour Project No: A24104.00195.000

TP – 4	
Depth (FT)	Description
0.0 – 0.33	Topsoil – 4 inches
0.33 – 15	Fill: Tan, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation

TEST PIT SUMMARY
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TP – 5	
Depth (FT)	Description
0.0 – 0.42	Topsoil – 5 inches
0.42 – 15	Fill: Brown with yellowish red, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation

TEST PIT SUMMARY
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TP – 6	
Depth (FT)	Description
0.0 – 0.17	Topsoil – 2 inches
0.17 – 15	Fill: Brown, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 15 feet



View of Excavated Material



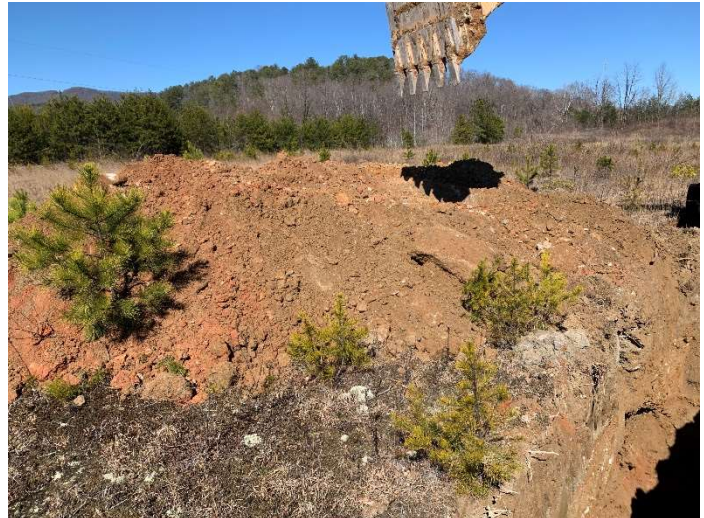
View of Test Pit Excavation

TEST PIT SUMMARY
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TP – 7	
Depth (FT)	Description
0.0 – 0.17	Topsoil – 2 inches
0.17 – 15	Fill: Yellowish brown, silty SAND (SM) with large rock fragments, groundwater at 8 feet
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation



TEST PIT SUMMARY
RaceTrac – Test Pit Exploration
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TP – 8	
Depth (FT)	Description
0.0 – 0.17	Topsoil – 2 inches
0.17 – 15	Fill: Yellowish brown, silty SAND (SM) with large rock fragments
	Test Pit Terminated at 15 feet



View of Excavated Material



View of Test Pit Excavation