CMD 26-H105.1-REF5

Part 8 of 14

Date: 2026-06-29

Written Submission from Orano Canada Inc.

Mémoire d' Orano Canada Inc.

In the matter of

À l'égard d'

Orano Canada Inc.

Orano Canada Inc.

Application to renew the McClean Lake Operating Licence for 2-year term

Demande pour le renouvellement du permis d'exploitation de McClean Lake pour une période de deux ans

Hearing in writing based on written submissions

Audience par écrit fondée sur des mémoires

September 2026

Septembre 2026

FINAL

TOVP 2023 – Factual Report

McClean Lake 2023 TOVP Drilling Supervision, Saskatchewan, Canada
Orano Canada Inc.

SRK Consulting (Canada) Inc. ▪ CAPR002676 ▪ December 2025

FINAL

TOVP 2023 – Factual Report

McClean Lake 2023 TOVP Drilling Supervision, Saskatchewan, Canada

Prepared for:
Orano Canada Inc..
100 - 833 - 45th Street West
Saskatoon, SK, S7L 5X2
Canada

+1 306 343 4500
www.oranocanada.com

Prepared by:
SRK Consulting (Canada) Inc.
350 3rd Avenue North, Suite 600
Saskatoon, SK, S7K 2J1
Canada

+1 604 681 4196
www.srk.com

Lead Author: Anton Novikov **Initials:** AN
Reviewer: Adam Leik **Initials:** ABL/EK
Erik Ketilson

File Name:
TOVP2023_FactualReport_CAPR002676_20251215_FNL.docx

Suggested Citation:
SRK Consulting (Canada) Inc. . TOVP 2023 – Factual Report. FINAL. Prepared for Orano Canada Inc.: Saskatoon, SK. Project number: CAPR002676. Issued December 2025.

Cover Image(s):
TMF Overview

Contents

Tables

Figures

Appendices

Executive Summary

The 2023 Tailings Optimization and Validation Program (TOVP) at McClean Lake Operations, commissioned by Orano Canada Inc, was carried out by SRK Consulting (Canada) Inc. The objective of the TOVP is to assess the performance of the TMF by comparing the geochemical and geotechnical properties of the tailings versus historical findings and the design basis assumptions. While the geotechnical and geochemical properties are interlinked, Orano has traditionally assessed the geochemical properties of the tailings internally while relying on external geotechnical consultants to assist with sampling and to provide oversight on geotechnical insitu and laboratory testing. Accordingly, this report provides details regarding the field program, sample collection, and the geotechnical components of the TOVP. No commentary on the geochemistry of the tailings is provided herein.

From a geotechnical perspective, the objective of the TOVP is to improve the understanding of the hydromechanical properties and confirm the performance of the Jeb Pit TMF. For the 2023 TOVP SRK proposed an investigation strategy that focused on characterising a single deposition cone formed through subaqueous deposition in the northeast corner of the facility to better understand how Cigar Lake tailings particles segregate.

The planned program included eight holes for geochemical sampling, seven holes for geotechnical sampling, and thirteen CPTu sounding locations. However, due to challenges related to borehole instability, drilling equipment malfunctions, and poor weather conditions, only the geochemical and CPTu programs were successfully executed (none of the proposed sampling at the seven geotechnical holes was performed). It is SRK's understanding the proposed geotechnical sampling locations will be completed in the summer of 2024.

Results from the 2023 TOVP CPTu program appear to be consistent with previous campaigns. The horizontal hydraulic conductivity generally ranged between $1x10^{-6}$ m/s and $1x10^{-8}$ m/s, with a 50^{th} percentile value of $2x10^{-7}$ m/s.

A total of 156 geochemical and 12 geotechnical tube or SPT samples were collected. In addition to the tube/SPT samples, SRK requested that 35 of the geochemical samples be retained, after having their porewater extracted, for potential future geotechnical laboratory testing.

During the geochemical sampling program, borehole instability (slough entering the casing) was a major issue that impacted drilling efficiency and sample recovery when attempting to sample in the JEB/SUE tailings. SRK consulted a drilling fluid specialist (Imdex Ltd.) to address the borehole instability issues. Imdex Ltd. developed a site-specific drill mud mixture that featured several additives, and an enhanced mixing technique. The site-specific drilling mud partially addressed the borehole instability issues but did not drastically improve the drilling efficiency or improve the downhole conditions.

Looking forward to future TOVPs, SRK recommends that an alternative drilling and sampling technique is explored. Use of a sonic drill rig or developing a specialized sampler may be suitable options to improve both sample recovery and drilling efficiency in the lower JEB/SUE tailings.

1 Introduction

SRK Consulting (Canada) Inc was retained by Orano (Canada) Inc. to supervise drilling and provide professional engineering services associated with the 2023 JEB Pit Tailings Optimization and Validation Program (TOVP) at the McClean Lake Operations. The McClean Lake operation is located on the eastern side of the Athabasca sedimentary basin, approximately 700 km north of Saskatoon, Saskatchewan. The TOVP aims to improve the understanding of key contaminant source terms, improve the understanding of the tailings hydromechanical properties (consolidation characteristics and hydraulic conductivities), and assess the performance of the Cigar Lake and JEB/SUE tailings.

The 2023 TOVP was conducted between June 21 and September 12, in two weeks at site / one week off site intervals, with a total of 41 working days. The proposed 2023 TOVP program featured eight holes for geochemical sampling, seven holes for geotechnical sampling, and thirteen CPTu sounding locations. Due to challenges related to borehole instability, drilling equipment malfunctions, and poor weather conditions (discussed further in Section 2.3), only the geochemical and CPTu programs were successfully executed.

The CPTu investigation strategy for the 2023 TOVP focused on characterizing a single deposition cone in the facility's northeast corner to better comprehend the segregation of Cigar Lake tailings particles to improve the understanding of the Cigar Lake tailings segregation process during deposition. Locations for CPTu testing were selected by SRK. The geochemical sampling program featured sampling in 3m intervals at locations pre-determined by Orano. The locations selected by Orano were the same as previous TOVPs, as the intent of the geochemical monitoring is to evaluate the evolution of the geochemical conditions over time.

The purpose of this document is to provide a factual report of the field program completed, interpretation of the CPTu dissipation tests, and to give recommendations for future lab testing and TOVPs. This document contains the following appendices:

- **Appendix A:** Plan view of the facility featuring completed and planned CPTu and sampling locations.
- **Appendix B:** Timeline for progress at each location and periods of downtime.
- **Appendix C:** CPTu Results; specifically, CPTu traces and dissipation tests. Graphs provided by the CPT Technician (Schwartz Soil Tech) and interpretations from SRK are included.
- **Appendix D:** Summary of sampling results.
- **Appendix E:** Summary report from Imdex Ltd. (a drill mud specialist that was consulted on the project, see Section 2.3 for more details).
- **Appendix F:** SRK Daily job reports.

In addition to the appendices, a Power BI Dashboard will be provided, via secure URL with limited access authorization. The dashboard will facilitate querying of the 2023 TOVP CPTu data, and will be updated with associated laboratory testing as that scope of work is completed. An addendum to this report will be provided after geotechnical sampling program and laboratory testing programs are complete.

1.1 JEB Pit TMF

The JEB Pit TMF currently supports the uranium tailings by-product of the McClean Lake mill. TMF construction began in 1999, with tailings deposition later that year. The depth of tailings is variable, depending on the shape of the pit, to an approximate maximum depth of 70m near the center. The pit design ensures hydraulic containment by having tailings' hydraulic conductivity lower than the surrounding sandstone formation.

A newly constructed embankment around the pit further increases storage capacity, with recommended crest elevation at 468 masl (CNSC 2021). Storage calculations consider consolidation, resulting in max tailings elevation of 465.5 masl and max permissible consolidated elevation of 462 masl (CNSC 2021). The decommissioning plan includes a soil cover for additional consolidation.

Tailings are deposited sub-aqueously, and the deposition point is moved periodically. Particle segregation has been observed (AREVA 2015) with finer tailings being deposited away from the deposition points. To ensure coarse (higher permeability) materials are kept away from the pit surround, deposition points are limited to areas 50 m from pit walls.

There are two main orebodies that have contributed to the tailings stored in this facility: the JEB/SUE and the Cigar Lake tailings. In 2014, Orano started milling Cigar Lake uranium ore and depositing tailings in the TMF. The upper 10 to 20 m of the tailings mass is Cigar Lake while the remaining tailings mass is comprised of JEB/SUE.

The JEB/SUE tailings are typically coarser, non-plastic, sand-like tailings, while the Cigar Lake tailings are predominantly fine-grained and are best characterised as a medium to high plasticity, clayey silt (Golder 2015, SRK 2022). The contrast between these tailings types and the segregation that occurs during deposition poses challenges with respect to assessing TMF storage capacity and the hydraulic conductivity of the tailings mass (SRK 2023).

1.1 Roles and Responsibilities

Schwartz Soil Technical was hired to supply CPTu equipment and personnel with the expertise to lead the technical aspects of the CPTu program, while Paddock Drilling Ltd. was contracted to provide a drill rig and operating staff. SRK's roles and responsibilities encompassed the following:

- Use GPS survey equipment to locate and position the barge at designated drilling locations;
- Overseeing the collection of geochemical and geotechnical Shelby tube samples using Paddock's GUS piston sampler, subsampling the Shelby tube samples for particle size distribution testing, and waxing & sealing the Shelby tubes for transportation and storage;

- Collecting grab samples from Standard Penetration Tests (SPTs) and providing high level-logging information on the material collected in the split spoon;
- Collecting dredge samples with Orano's Eckman grab sampler;
- Supervising CPTu and pore-pressure dissipation testing conducted by Schwartz Soil Technical; and
- Acting as a liaison between the drilling program, tailings deposition trial, and McClean Lake operations (SHEQ, Site Services, Maintenance, Mill, Metallurgy, and Health & Safety).

2 Field Program Summary

As discussed in Section 1, none of the geotechnical boreholes proposed as part of the 2023 TOVP were completed due to due to challenges related to borehole instability, drilling equipment malfunctions, and poor weather conditions. These challenges are discussed further in Section 2.3.

The following section provides an overview of the results from the completed aspects of the 2023 TOVP (the CPTu and geochemical sampling program). Figure 1 and Appendix A provide a plan view of the proposed (SRK 2023) and complete locations and Appendix D contains daily reports from the field.

The 2023 TOVP was conducted between June 21 and September 12 in two weeks at site / one week off site intervals, with a total of 41 working days. The timeline for completing each CPTu sounding and geochemical sample location is illustrated in Appendix B. Coordinates for the locations provided in the following sub-sections are as-built coordinates for each location. As-builts coordinates are within a 3-meter radius of the proposed location.

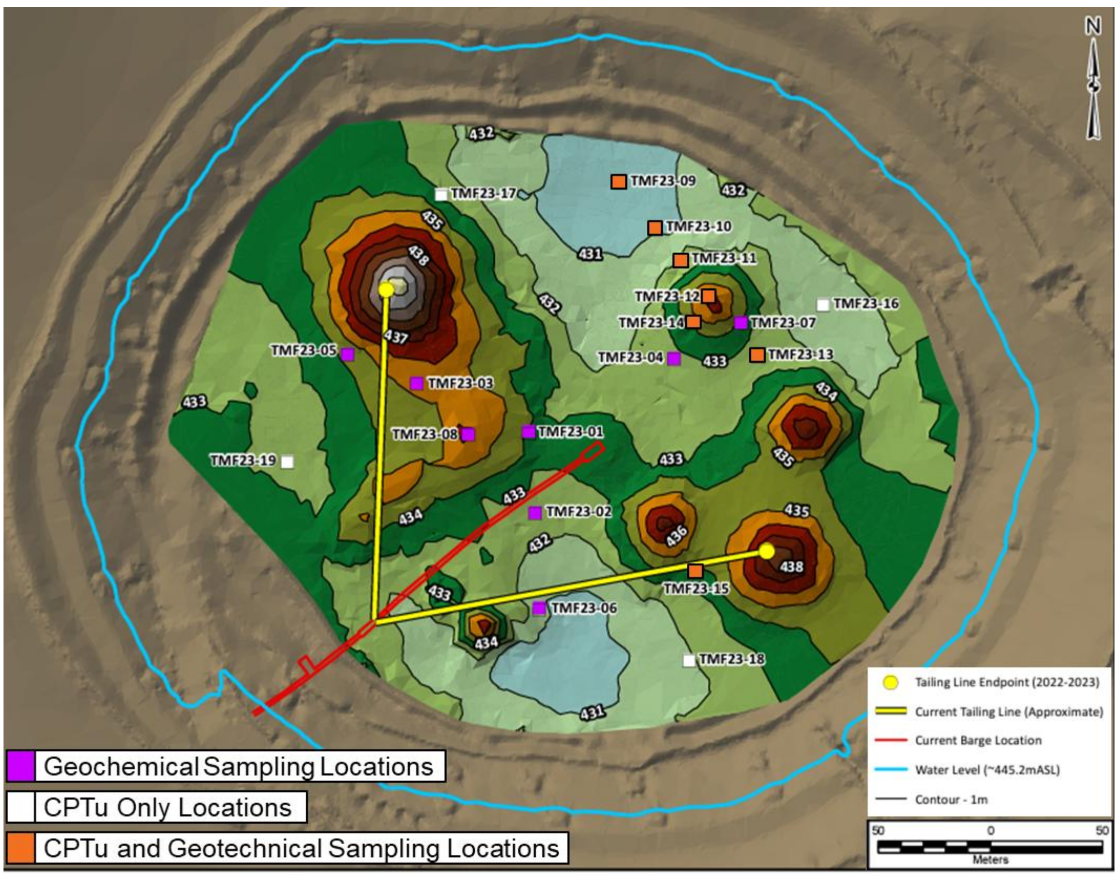


Figure 1: Plan view of proposed and completed locations from 2023 TOVP. Contours represent tailings bathymetry on May 7, 2023. CPTu performed at all locations with orange and white squares, plus TMF23-03, TMF23-06, TMF23-07.

2.1 CPTu Program

Prior to advancing boreholes and collecting samples, CPTu soundings were performed to inform SRK's decisions on suitable geotechnical sampling depths and to provide an approximate estimate of stratigraphy at a given location. During the 2023 TOVP, fourteen CPTu soundings were completed. In total, 130 porewater pressure dissipation tests (PPDTs) were performed. PPDTs were conducted at 3 meter intervals or based on the judgment of the SRK field engineer. The location, total depth, and porewater dissipation test depths for each sounding are displayed in Table 1. The location of each CPTu sounding is shown in Figure 1.

Table 1: CPTu Campaign Summary

Hole ID	Easting (m)	Northing (m)	Elevation (masl)	Total Depth into Tailings	Number of Pore Water Dissipation Tests	Depths of Pore water Dissipation Tests
TMF23-03	5241.345	11221.520	435.68	43.16	18	42.44
TMF23-06[1]	5292.721	11118.150	431.38	19.00	9	21.18
TMF23-07	5383.670	11250.440	434.11	25.00	12	25.00
TMF23-09	5329.795	11314.265	430.86	15.60	5	15.60
TMF23-10	5346.076	11293.511	431.06	19.66	8	19.66
TMF23-11	5355.435	11275.659	432.08	21.90	11	21.90
TMF23-12	5370.259	11260.279	436.57	16.00	8	16.00
TMF23-13	5391.954	11234.969	432.70	19.62	7	19.62
TMF23-14	5364.180	11249.185	434.95	22.24	10	22.24
TMF23-15	5363.951	11138.309	434.30	23.68	10	23.18
TMF23-16	5420.216	11258.958	431.26	22.20	10	22.20
TMF23-17	5251.580	11305.441	433.59	13.30	5	13.30
TMF23-18	5372.632	11113.307	432.70	22.52	10	22.52
TMF23-19	5181.761	11185.121	433.25	19.00	7	19.00

[1] TMF23-06 was not originially planned for CPTu. The location was added to improve characterisation of the Jeb Pit TMF and because the CPTu program was ahead of schedule.

2.1.1 CPTu results

The CPTu traces and dissipation tests are shown in Appendix C. CPTu soundings were advanced until they reached the pre-specified target depth or until refusal was met. Refusal was evaluated based on cone rod deflection. Excessive deflection was monitored during the real-time data readout from the cone, and Schwartz was responsible for determining when deflections became too excessive to continue without casing the cone rod at depth. Occasionally the Field Engineer directed the cone operator and driller to push the cone beyond the pre-determined target depth to ensure the Cigar Lake and JEB/SUE contact was reached.

The objective of the CPTu tests was to inform geotechnical sampling locations, to provide an estimate of horizontal hydraulic conductivity via dissipation tests, to give an estimate of the material stratigraphy at each location and determine the Cigar Lake and JEB/SUE contact. The last of these two objectives are part of the site investigation strategy which focused on characterising a single deposition cone in the northeast corner of the facility to better understand how Cigar Lake tailings particles segregate during deposition.

CPTu Profiles

The recent deposition activity on the northeast corner of the facility presented a unique opportunity for assessing how the Cigar Lake tailings segregate, as deposition had historically been performed more than 50 m away. As a result of the previous deposition periods, it was expected that the Cigar Lake tailings on this side of the facility would demonstrate a “clay-like” response at the base of the freshly deposited tailings. Using this as a marker to determine the boundary between old and new tailings, the different layers within the freshly deposited tailings could potentially be identified by CPTu, and subsequently validated with sampling.

It was hypothesized that the segregation characteristics of the Cigar Lake tailings would be relatively uniform for a common deposition technique. Therefore, collecting data specific to a single depositional point could be broadly applied to other depositional points across the pit. Using Orano’s records of the deposition points over time, combined with an understanding of tailings deposition behaviour, could be used to develop a 3D model of the pit (SRK 2023).

As previously mentioned, the geotechnical sampling program was not completed, and therefore, only the cone data is available. In lieu of having samples to verify inferences made from CPTu, investigation of layering within the freshly deposited tailings has not been performed yet. As a result, the CPTu traces herein are presented in a factual manner.

Appendix C.2 contains the initial results of the CPTu campaign plotted from SRK, presenting estimated values for corrected cone resistance (q_t), sleeve friction (f_s), pore water pressure (u_2), pore pressure coefficient (B_q), and Soil Behaviour Type Number (SBT_n).

Porewater Pressure Dissipation Tests (PPDTs)

127 PPDTs were performed during the 2023 TOVP. Schwartz provided plots of the dissipation tests, interpreted the time to 50% dissipation (t50) and horizontal consolidation coefficient values (c_h) for each test (Appendix C.1). To verify the data, SRK interpreted the raw data to determine an independent set of t50 values. As shown in Figure 2, overall, there was found to be a good agreement between interpretations.

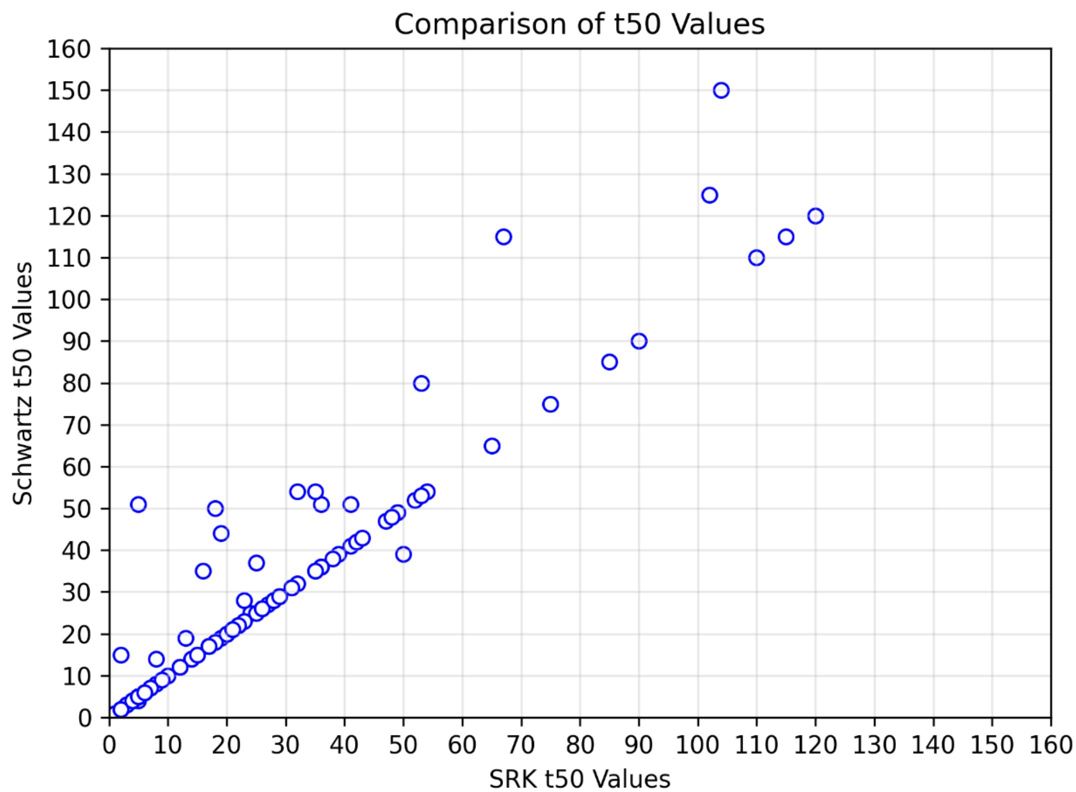


Figure 2: Comparison of t50 Values

The discrepancy between the t50 values stems from the analysis methods used to determine t50. Schwartz used a simple mathematical expression (shown in Equation 1) to determine the excess porewater pressure at 50% consolidation, and then graphically determine t50 for all tests.

$$U_{50} = 0.5 * (u_i + u_0) \qquad \text{Equation (1)}$$

Where:

$u_i =$ initial excess porewater pressure measured during test

$u_0 =$ the equillibrium porewater pressure (assumed to be the TMA water level)

The approach used by Schwartz is appropriate for monotonic dissipation responses, where the u_i value corresponds to the maximum porewater pressure achieved during penetration and the u_0 value is known. SRK used the same method for monotonic responses, but also considered the methodology recommended by Robertson (2013) and Conetec (2023) for tests that showed dilatory responses. In addition to the enhanced analysis method, review of the values reported by Schwartz revealed what appears to be mathematical errors, as the t50 values do not align with the inputs.

Schwartz used the t50 values they determined to calculate c_h for each test using the Teh and Houslby (1991) solution; however, this method has been demonstrated to be unreliable for determining c_h and subsequently horizontal hydraulic conductivity (k_h) for t50 values less than ~30s (Figure 3, Dejong and Randolph, 2012). As shown in Figure 2, nearly 50% of tests had t50 values less than 30s.

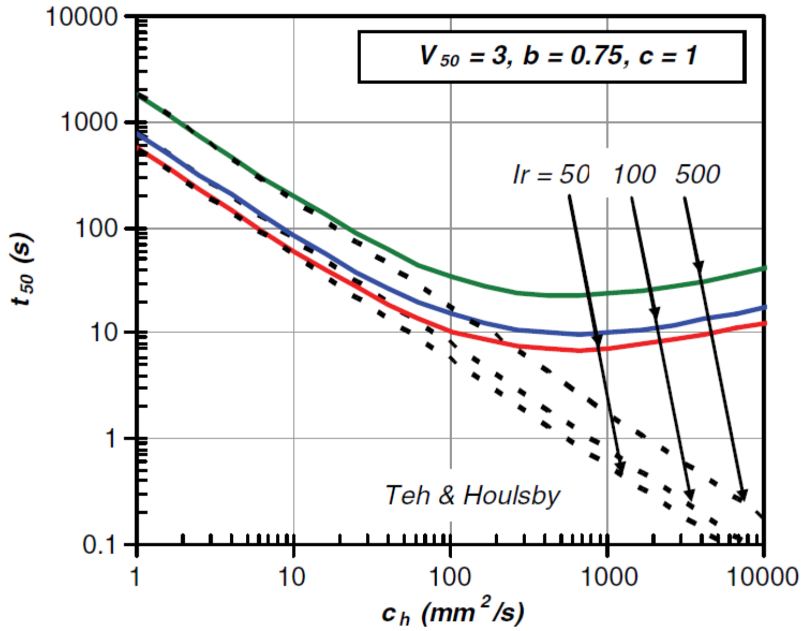


Figure 3: Illustration of the accuracies of the 8he and Houslby solution for low t50 values. Adapted from Dejong and Randolph (2012).

To mitigate errors in approximation of k_h, SRK used the empirical equation (Equation 2) proposed by Parez and Fauriel (1988):

$$k_h = (251 * t50)^{-1.25} \qquad \text{Equation (2)}$$

Using this equation, k_h values generally ranged between $1x10^{-6}$ m/s to $1x10^{-8}$ m/s, with the 50th percentile value being $2x10^{-7}$ m/s, as shown in Figure 4. These results are consistent with previous TOVP and laboratory testing results.

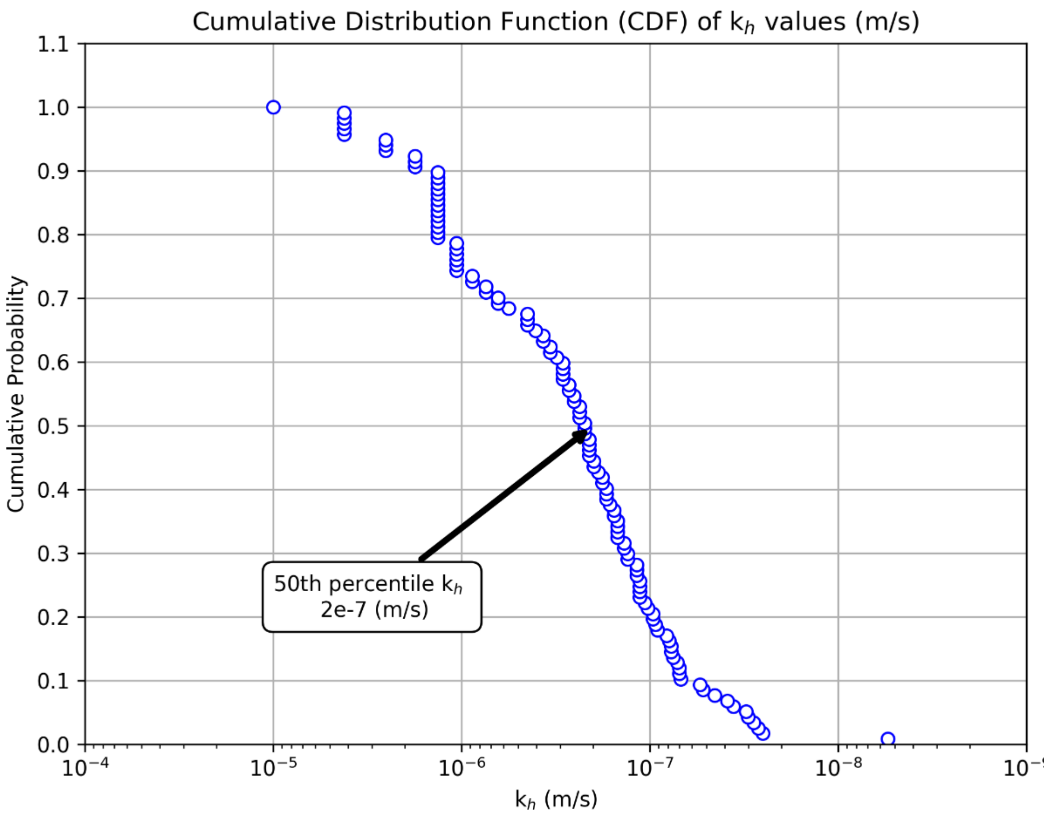


Figure 4: Cumulative Distribution Function (CDF) of k_h values determines from PPDTs.

2.2 Drilling (Sampling) Program

2.2.1 Geochemical Sampling

After completing the CPTu program, sampling began at the geochemical locations. The geochemical locations were given priority over geotechnical locations at the request of Orano. The geochemical sampling program featured sampling in 3 m intervals at pre-determined by Orano. Despite the locations being designated for geochemical sampling, periodic geotechnical samples were taken to improve the spatial geotechnical characterisation of the TMF.

A variety of samplers were used during the drilling program. For surficial samples, an Eckman dredge sampler (Figure 5) was used, while downhole samples were collected using a GUS piston sampler (Figure 6), a 5' SPT 'split spoon' (Figure 7), or a 2' SPT 'split spoon' (Figure 8). Core catchers were used on the SPT samplers. The sampler used for downhole collection varied depending on the material being sampled. Additional details are provided in Section 2.3. While attempting to retrieve samples, if poor recovery was obtained at the target elevation, a "duplicate" sample was attempted at a depth equivalent to the target depth + length of sampler used.

Figure 5: Eckman Dredge Sampler.

Figure 6: GUS Piston Sampler with Shelby Tube(s).

Figure 7: 5' Long, 3" Diameter Split Spoon (SPT) Sampler.

Figure 8: 2' Long, 3" Diameter Split Spoon (SPT) Sample with Core Catcher.

As-built sampling locations were within a 3-meter radius of the proposed location. A total of 156 geochemical and 12 geotechnical tube or SPT samples were collected. In addition to the tube/SPT samples, SRK requested that 35 of the geochemical samples be retained, after having their porewater extracted, for potential geotechnical laboratory testing. A summary of the geochemical boreholes can be found in Table 2.

As shown, the target depth or target number of samples was not reached for all locations. TMF23-07 and 08 were completed in full, while TMF23-04, 05, and 06 had all but the last sample collected. TMF23-01, 02, and 03 were abandoned > 10 m in advance of reaching their target depth. Prior to abandoning a boring before reaching the target depth, SRK contacted Orano for approval. In general, the decision to abandon a borehole early was made at the expense of running out of time to collect data from other location within the TMF.

Borehole instability and drilling inefficiencies (at depth) were the main causes for why boreholes were abandoned prior to reaching their target depth. Additional details on the issues faced during the drilling program are provided in Section 2.3. Prior to abandoning a boring before reaching the target depth, SRK contacted Orano for approval.

Appendix B and **Error! Reference source not found.**Appendix D outline the sampling timeline and provide a summary of the collected samples, respectively.

Table 2: Geochemical Sampling Summary

Hole ID	Easting (m)	Northing (m)	Elevation (masl)	Target Depth into Tailings (m)	As-Built Depth into Tailings	All Target Samples Collected? [1]	# of Geochemical Samples Collected (including Dredge)[2]	# of Geotechnical Samples Collected (Shelby/SPT)
TMF23-01	5287.200	11200.808	434.16	70.805	50.57	û	21	0
TMF23-02	5292.000	11164.000	431.38	65.55	52.28	û	26	0
TMF23-03	5238.552	11221.164	435.01	64.61	48.92	û	24	2
TMF23-04[3]	5356.099	11234.083	432.62	62.74	59.00	û	23	2
TMF23-05[3]	5206.744	11233.174	434.99	47.58	46.28	ü	18	2
TMF23-06[3]	5292.241	11120.393	431.40	48.62	47.73	û	19	3
TMF23-07	5383.368	11248.894	433.88	35.38	33.07	û	16	3
TMF23-08	5260.330	11198.879	436.29	15.93	15.93	ü	9	0

Notes:

[1] Borehole were abandoned prior to achieving their target depth or collecting all target samples due to borehole instability and drilling inefficiencies at depth. Additional details on the challenges faced during the sampling program are provided in Section 2.3.

[2] Details pertaining to which geochemical samples were retained for geotechnical analysis are provided in Appendix D.

[3] TMF23-04. 05, and 06 were completed to within 1 sample of the target depth. The final sample was not obtained due to time restraints imposed by the drilling inefficiencies at the bottom of the boreholes.

2.3 Challenges During Sampling Program

During the geochemical sampling program, borehole instability (slough) was a major issue and impacted drilling efficiency when attempting to sample the JEB/SUE tailings. Slough refers to material that entered the steel casing, which prevented the sampler from reaching its intended elevation. In situations where slough prevented the sampler from reaching its target depth, multiple attempts were required to “clean” or “flush” the borehole casing down to the fully cased (target) depth. Slough depths ranged from a few inches to 40 feet.

SRK hypothesizes that the cause of the slough inside the casing is due to collapse of the tailings around the casing after water pressure being used to advance the casing is turned off. Figure 9 provides a schematic depicting the hypothesized phenomenon.

Water pressure from the drill rig is used to flush the casing while it is advanced. When the tailings collapse around the casing, a “jet” of water is sent back into the casing, carrying tailings that have been disturbed /loosened by the drilling process. This “jet” of water was visible at surface, see Figure 8. A few minutes after stopping casing advancement, slough would be present inside the drill casing.

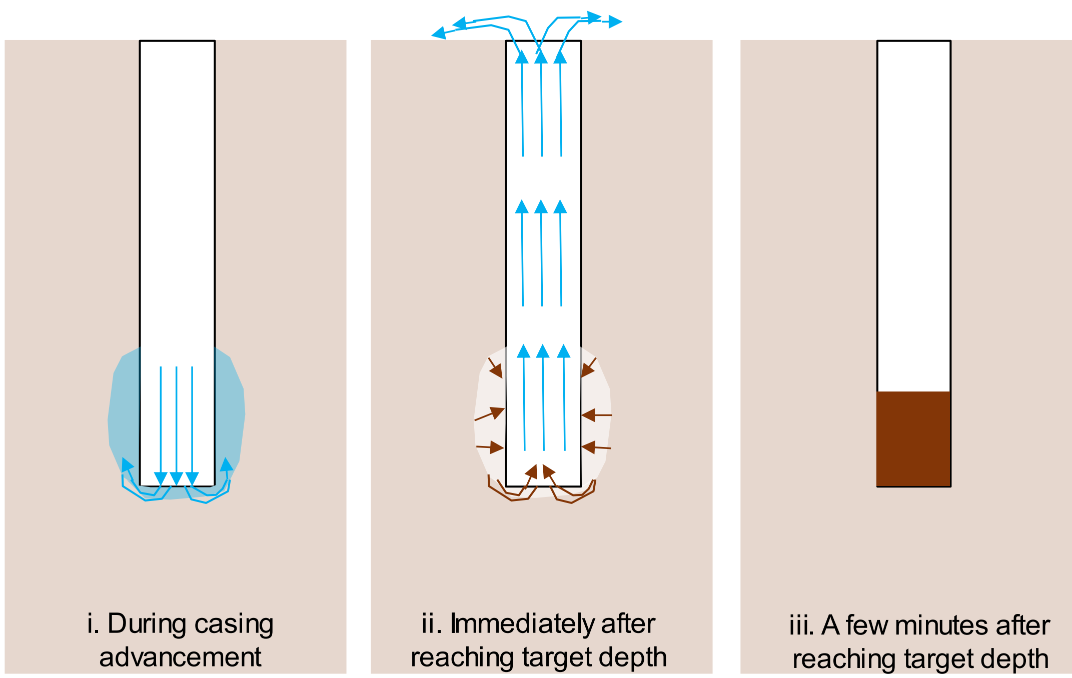


Figure 9: i.) Water pressure from drill rig creates small zone of displacement around the base of the boring while advancing casing. ii.) Immediately after the target depth is reached and the water pressure being using during drilling is stopped, the tailings collapse around the casing and enter at the base. The collapse of the tailings creates a “jet” of water that is observed at surface. iii.) A few minutes after drilling is stopped, the tailings fully collapse around the casing and “slough” is accumulated inside the base of the casing.

Figure 10: A "jet" of water observed at surface after stopping casing advancement. Note that the artesian flow was temporary and typically stopped within a couple minutes.

Multiple strategies were trialed to mitigate the sloughing issues encountered. The following bullet points summarize the various strategies employed. Note that none of the strategies discussed below were overly successful. Ultimately, repeated cleaning of the drill hole was the only way to reach the target depth in most cases.

- Increasing bentonite content in drill mud:
  - The “base” bentonite mixing ratio was one (1) 25kg bag of bentonite to 500 L of water. Bentonite ratios were doubled and tripled, but no change to the sloughing was observed.
- Adding Barite to the drill mud:
  - Barite is intended to increase the weight of the drill mud. Various trials of barite addition, up to 5 lbs per 500 L of barite was added to the “base” drill mud mix. No significant change to the amount of sloughing was observed.

- Reducing drilling pressures:
  - Both the water pressure and feed rate of the drill head was reduced to be as low as possible to minimize disturbance and allow thorough flushing ahead of the casing. This strategy was not successful in reducing sloughing.
- Custom drill mud mixture:
  - Additional details are provided in the Section 2.3.1.
- Alternative sampling techniques:
  - Additional details are provided in the Section 2.3.2.

2.3.1 Custom Mud Mixture

During the field program SRK consulted a drilling fluid specialist (Imdex Ltd.) for advice on the mitigation strategies for the sloughing issues. Imdex Ltd. developed a site-specific drill mud mixture that featured several additives, and an enhanced mixing technique. The drill mud additives are proprietary products produced by Imdex Ltd. Imdex Ltd. compiled a report which summarises their involvement with the project and this report can be found in Appendix E.

Prior to Imdex Ltd. arriving on site, mixing was being performed in a “tub” that was provided by Paddock Drilling (Figure 11). Bentonite was being dumped in from a bag and mixing was performed via recirculation with the drill pump. SRK had noted that the drill mud mixture appeared to be separated quickly, and that the bentonite mud mix did not appear sufficiently mixed.

The first recommendation Imdex Ltd. made to the mud mixing procedure was to use a different pump capable of shearing the bentonite flocs for recirculating the mud mixture, and to purchase a venturi mixer for adding the bentonite. SRK endorsed these changes and a new “upgraded” mud mixing set-up was constructed using on site-materials. Figure 12 shows the upgraded setup. As shown in Figure 12, the upgraded mud mixing set up utilised a 1000 L tote, gas powered Honda pump with a 2” line, and the venturi mixer recommended by Imdex Ltd. (purchased off site). The venturi mixer eliminates the requirement to dump bags of bentonite into the tote (a task which necessitated n-95 masks to be worn due to the silica dusting) and allows powders to be safely “vacuumed” into the tote.

After making these changes to the mud mixing set-up, the previously noticed issues with drill mud separation were not observed. Furthermore, the texture of the drill mud was free of clumps.

Figure 11: Original drill mud mixing setup.

Figure 12: Upgraded drill mud mixing setup.

After addressing issues related to the mud mixing technique, Imdex Ltd. developed a custom mud mixture for the site. A site representative from Imdex Ltd. came to site and observed the drilling to refine the mixture. The final drill mud mixture featured the following products per 500 L:

- 0.5 kg Soda ash – to increase the pH from 6 to 9 to improve bentonite hydration;
- 25 kg Bentonite;
- 1 kg AMC XANBORE – to help strengthen the bentonite properties, especially in saline environments;
- 2 kg BORESEAL – to bridge the gap in the pour spaces in the formation (sandy tailings) and enhance mixing of EZEE PAC-L; and
- 1kg EZEE PAC-L – acts as a sealant by creating a thin membrane on the surface of the formation (filter cake) which in combination with BORESEAL reduces the fluid invasion into the formation.

The custom drill mud mixture was found to reduce the casing friction in the surrounding formation, reducing the required effort to rotate the drill head; however, no appreciable improvement to the sloughing issue was observed.

2.3.2 Alternative Sampling Strategies

In addition to the JEB/SUE tailings creating sloughing issues that prevented the target depth from being reached, poor recovery with the GUS piston sampler was an issue. To mitigate both sloughing and recovery issues, SRK recommended that a 5’ SPT ‘split spoon’ sampler be used (shown in Figure 7). The 5’ SPT is advanced by repeated hammer blows until the core barrel is filled. Sample recovery was aided by use of a core catching basket on the end of the sampler. After collecting the sample, the core barrel is split open, enabling the field engineer to view the collected sample, and then transfer the sample into Ziploc bags. Parts of the sample that were suspected to be slough or contaminated with drilling fluid were removed. Sample contamination/slough was interpreted by the SRK field engineer.

Since recovery with the 5’ SPT was generally very good, additional slough could be left in the casing above the target depth. For example, if 2’ of slough was present in the casing, the 5’ sampler could be advanced through the slough, and still obtain 3’ of material at the target depth. In comparison, the GUS piston sampler collects samples that are 2’ in length; therefore, if there was 2’ of slough in the casing, none of the target sample could be collected.

A major component to previous TOVPs was collecting a tailings mass at each target depth that enabled extraction of enough porewater to complete geochemical analysis. It was observed that sampling with the SPT densified the tailings, and squeezed porewater out of the sample before it came to surface. SRK discussed this issue with Orano, and Orano informed SRK that 150 g of solids would suffice for conducting geochemical tests on the samples and the lack of sufficient porewater from the samples was acceptable. This concession enabled the use of an SPT sampler in the JEB/SUE tailings.

Implementation of the 5’ SPT sampler drastically improved the drilling efficiency and sample collection process. Orano provided preliminary geochemical analysis of samples collected using the 5’ SPT and reported that the results aligned with samples collected using the GUS piston sampler during previous TOVPs. A key benefit of this sampling technique was that it gave SRK the opportunity to visually inspect the tailings. The JEB/SUE tailings were, generally, observed to be homogenous sand.

Typically, a 5' SPT sampler was used; however, the 5' sampler encountered refusal (could not be advanced further by repeated hammer blows) in the lower JEB/SUE tailings. After reaching refusal with the 5' sampler, a 2' split spoon was used until the boring was completed or until refusal with the 2' sampler was achieved.

In summary, the sampling strategy was modified such that:

- A GUS piston sample was used in the Cigar Lake Tailings;
- A 5' SPT sampler was used in the JEB/SUE tailings until refusal was reached; and
- A 2' SPT sampler was used once the 5' SPT reached refusal to complete the boring, or until refusal was reached.

3 Proposed Laboratory Testing

3.1 JEB/SUE Samples

For the JEB/SUE tailings, the focus should be to confirm the previously estimated distribution of materials in the TMF and to validate the predictions of the JEB/SUE behaviour (Golder 2010). The following bullets summarises the recommend testing:

- **Bulk Density**
  - to compare bulk density to estimations made by Golder.
- **Particle Size Distribution (PSD)**
  - Determine if material fits in “coarse”, “medium”, or “fine” category. Compare sample location to previously estimate distribution of JEB/SUE tailings mass.
- **Consolidation with Falling Head Permeability Measurements**
  - Validate previously estimated compression indices and hydraulic conductivities.

Laboratory testing should follow a phase approach. The objective will be to perform the Bulk Density and PSD testing, and then select a representative sample from each sample group for consolidation/hydraulic conductivity testing. For planning purposes, it has been assumed that three consolidation with falling head permeability measurements will be performed.

3.2 Cigar Lake Samples

No Cigar Lake samples will be subjected to laboratory testing because the Cigar Lake tailings will be the focal point of the future geotechnical investigation. Furthermore, collection of the originally proposed geotechnical sampling program was not completed during this investigation. It is SRK’s understanding that the geotechnical sampling program will be completed in 2024. A proposed testing plan for Cigar Lake tailings will be provided following the 2024 field investigation.

3.3 Recommended Samples for Testing

The samples recommended for laboratory testing are shown below in Table 3. As previously noted, depending on the outcome of the Bulk Density and PSD testing, three samples will be selected for consolidation/hydraulic conductivity testing.

Table 3: Recommended Samples for Laboratory Analysis

Sample ID	Tailings Type	Expected Tailings Classification	Bulk Density	PSD
TMF23-02-SA10[2]	JEB/SUE	Coarse		X
TMF23-02-SA12[2]	JEB/SUE	Coarse		X
TMF23-02-SA15[2]	JEB/SUE	Coarse		X
TMF23-04-SA06	JEB/SUE	Coarse		X
TMF23-03-SA02-GT	JEB/SUE	Medium	X	X
TMF23-03-SA19	JEB/SUE	Medium		X
TMF23-04-SA02-GT	JEB/SUE	Medium	X	X
TMF23-04-SA10	JEB/SUE	Medium		X
TMF23-04-SA20	JEB/SUE	Medium - Fine		X
TMF23-05-SA02-GT	JEB/SUE	Fine	X	X
TMF23-06-SA02-GT	JEB/SUE	Fine	X	X
TMF23-06-SA-GT-03	JEB/SUE	Fine	X	X
TMF23-07-SA02-GT	JEB/SUE	Fine	X	X
TMF23-07-SA03-GT	JEB/SUE	Fine	X	X
	Total		**7**	**14**

[1] Any given sample may be selected for consolidation/hydraulic conductivity testing depending on outcome of bulk density and PSD testing. An estimated three consolidation/hydraulic conductivity tests will be performed on JEB/SUE tailings.

[2] Due to sampling difficulties, there are no tube samples available to perform a bulk density test on the coarse JEB/SUE tailings.

In summary, SRK recommends that 7 bulk density, 14 PSD, and 3 consolidation/hydraulic conductivity tests are performed on the JEB/SUE tailings. No testing on the Cigar Lake tailings is recommended at this time.

4 Recommendations

4.1 Drilling and Sampling

4.1.1 Sonic Drilling

One possible solution to address borehole instability and improve drilling efficiency is to use a Sonic drilling method. The advantages and disadvantages of using a sonic drill rig are provided below:

Advantages of Sonic Drilling:

- Sonic drilling could be implemented with Piston sampling through the Cigar Lake tailings, and then simply use the sonic core barrel collection as the “samples” for the JEB/SUE tailings. Samples would be retained in “solid” acrylic liners to permit visual inspection.
- This strategy would negate the need to run sampler down the hole after drilling to the target depth, which is currently a very time-consuming component of the drilling methodology.
- The recovery with the sonic core barrel is expected to be sufficient, which would negate the current sample recovery issues. Sonic core barrel recovery could be improved by using a specialized core catcher.
- Drilling could be done without fluids, which would mitigate the potential contamination of samples via the drilling process.

Disadvantages of Sonic Drilling:

- A sonic rig will likely require a different barge.
- Sonic rigs are more expensive (although the efficiencies realized during drilling may offset the higher rates).
- Vibration of the sonic head may result in localized disturbance of the samples which may suggest a more consolidated material – collection of "undisturbed" samples may be challenging.
- Methodology has not been used at Orano before, and recovery of core barrel samples may not match expectations.

4.1.2 Drill Mud Mixing

The changes made to the drill mud mixing process should be retained for future TOVPs. Regardless of whether the additives provided by Imdex. Ltd. are used in the future, the quality of the base drill mud after improving the mixing procedure was more in line with good practice. The equipment used in the “upgraded” drill mud mixture setup remained on site at the conclusion during the 2023 TOVP, and it is SRK’s understanding that the equipment will remain available for future TOVPs.

4.2 Operations on the Barge

Although the 2023 campaign did not encounter any issues with barge work, further recommendations can enhance the safety and efficiency of crew operations on the barge. These suggestions encompass:

- Ensuring that drinking fluids (water and electrolytes) are double-bagged or given an extra level of protection against contact with contaminated materials before they are unsealed.
- Additional wipes and water for cleaning hands and faces, securely bagged to prevent contact with contaminants.
- A shade to protect workers against direct sun exposure.
- Ensuring that all tools and equipment on the barge's deck are kept in proper condition to avoid contamination.

4.3 Future Work

As previously discussed, the geotechnical sampling program was not completed for a variety of reasons. It is SRK's understanding that the geotechnical sampling program will be completed in the summer of 2024. Based on the deposition plan that Orano has provided to SRK, SRK does not see a reason to change the proposed sampling strategy (SRK 2023).

If possible, trialing the use of a Sonic rig on this smaller program may be advantageous as a proof of concept for future large-scale TOVPs. Additionally, during the next CPTu program, CPT operator should bring a MOSTAP sampler to trial alternate piston-based method of collecting samples.

5 Conclusion

The 2023 TOVP was conducted between June 21 and September 12, in two weeks at site / one week off site intervals, with a total of 41 working days. The proposed 2023 TOVP program featured eight holes for geochemical sampling, seven holes for geotechnical sampling, and thirteen CPTu sounding locations. However, due to challenges related to borehole instability, drilling equipment malfunctions, and poor weather conditions, only the geochemical and CPTu programs were successfully executed. It is SRK's understanding that the geotechnical sampling program will be completed in 2024.

Results from the 2023 TOVP CPTu program appear to be consistent with previous campaigns. The horizontal hydraulic conductivity generally ranged between 1×10^{-6} m/s and 1×10^{-8} m/s, with a 50^{th} percentile value of 2×10^{-7} m/s.

A total of 156 geochemical and 12 geotechnical tube or SPT samples were collected. Not all proposed geochemical samples were obtained due to the borehole instability issues previously mentioned. In addition to the tube/SPT samples, SRK requested that 35 of the geochemical samples be retained, after having their porewater extracted, for potential future geotechnical laboratory testing.

During the geochemical sampling program, borehole instability (slough entering the casing) was a major issue that impacted drilling efficiency and sample recovery when attempting to sample in the JEB/SUE tailings. SRK consulted a drilling fluid specialist (Imdex Ltd.) to address the borehole instability issues. Imdex Ltd. developed a site-specific drill mud mixture that featured several additives, and an enhanced mixing technique. The site-specific drilling mud partially addressed the borehole instability issues but did not drastically improve the drilling efficiency or improve the downhole conditions.

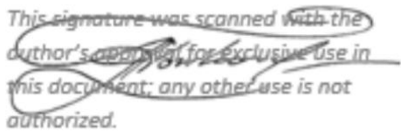
SRK provided recommendations for laboratory testing to complement the 2023 TOVP field investigation. Laboratory testing is limited to the JEB/SUE tailings, as the 2024 drill program will focus on the Cigar Lake tailings. The recommended laboratory testing of the JEB/SUE tailings focuses on validating the JEB/SUE behaviour predictions made by Golder (2010). The following bullets summarises the recommend testing:

- Bulk Density:
  - To compare bulk density to estimations made by Golder.
- Particle Size Distribution (PSD):
  - Determine if material fits in "coarse", "medium", or "fine" category. Compare sample location to previously estimate distribution of JEB/SUE tailings mass.
- Consolidation with Falling Head Permeability Measurements:
  - Validate previously estimated compression indices and hydraulic conductivities.

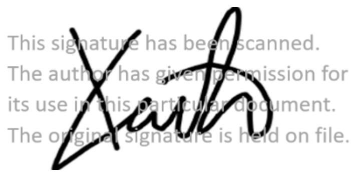
Looking forward to future TOVPs, SRK recommends that an alternative drilling and sampling technique is explored. Use of a sonic drill rig or developing a specialized sampler may be suitable options to improve both sample recovery and drilling efficiency in the lower JEB/SUE tailings.

Closure

This report, TOVP 2023 – Factual Report, was prepared by



Anton Novikov, EIT
Staff Consultant



Adam Leik, MSc., EIT
Senior Consultant

and reviewed by

Erik Ketilson, MEng., PEng
Principal Consultant & Practice Leader

All data used as source material plus the text, tables, figures, and attachments of this document have been reviewed and prepared in accordance with generally accepted professional engineering and environmental practices.

6 References

AREVA 2015. Technical Information Document Tailings Management Ver. 02 Rev. 00.

CNSC 2021. Licence Amendment for the JEB TMF Expansion.

Conetec 2023. The Cone Penetration Test: Better Information, Better Decisions – a CPT Design Parameter Manual. First Edition. February 2023.

DeJong, J. T., & Randolph, M. F. (2006). Influence of Partial Consolidation during Cone Penetration on Estimated Soil Behavior Type and Pore Pressure Dissipation Measurements. Journal of Geotechnical and Geoenvironmental Engineering, 132(5), 576-587.

Golder 2015. 2013 Tailings Optimization and Validation Program Field and Laboratory Testing. Report Number 12-1362-0173. January 2015.

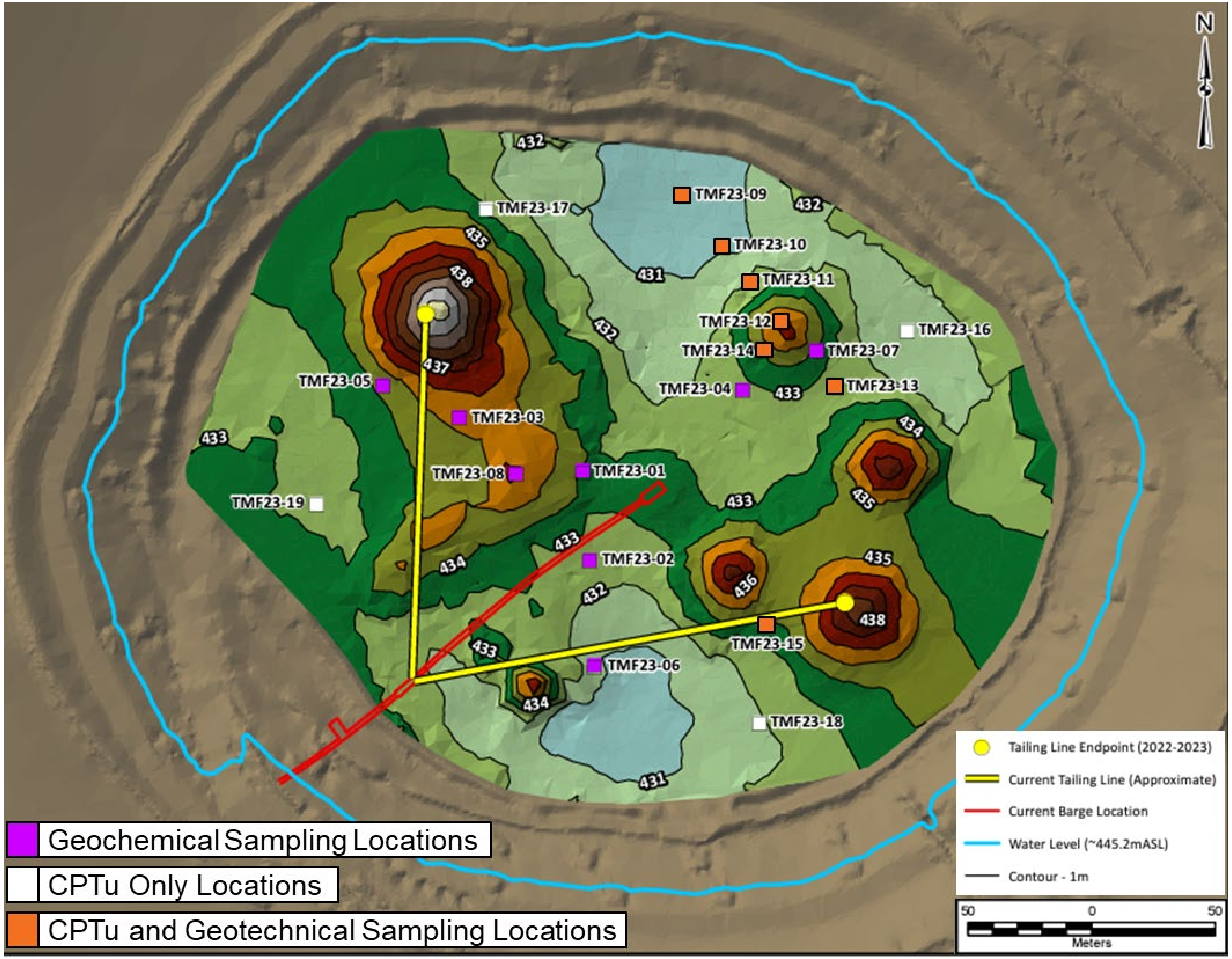
Robertson 2013. CPTu dissipation tests - theory to practice Dr. Peter K. Robertson Webinar #11 Nov. 2013.

SRK 2022. 2021 TOVP – Review of Phase 1 and Recommendations for Phase 2 Laboratory Testing – DRAFT. Project No. CAPR002063. Provided to Orano Canada Inc. September 20, 2022.

SRK 2023. 2023 TOVP Recommendations – DRAFT. Project No. CAPR002063. Provided to Orano Canada Inc. February 14, 2023.

Teh, C.I. & Houlsby, G.T. 1991. An analytical study of the cone penetration test in clay. Geotechnique, 41(1): 17-34.

Appendix A Plan View Program Summary



Geochemical Sampling Locations	Completed?
TMF23-01	✓[1]
TMF23-02	✓[1]
TMF23-03	✓[1]
TMF23-04	✓
TMF23-05	✓
TMF23-06	✓
TMF23-07	✓
TMF23-08	✓

Geotechnical Sampling Locations[2]	Completed?
TMF23-09	×
TMF23-10	×
TMF23-11	×
TMF23-12	×
TMF23-13	×
TMF23-14	×
TMF23-15	×

CPTu Locations	Completed?
TMF23-03	✓
TMF23-06	✓[3]
TMF23-07	✓
TMF23-09	✓
TMF23-10	✓
TMF23-11	✓
TMF23-12	✓
TMF23-13	✓
TMF23-14	✓
TMF23-15	✓
TMF23-16	✓
TMF23-17	✓
TMF23-18	✓
TMF23-19	✓

Notes:

[1]Geochemical locations were not completed to their target depths due to borehole instability.
[2]Geotechnical sampling locations are to be completed in the summer of 2024.
[3]TMF23-06 was not a planned location for CPTu; however, time permitted this additional location.

srk consulting

Project No: CAPR002676
Location: McClean Lake

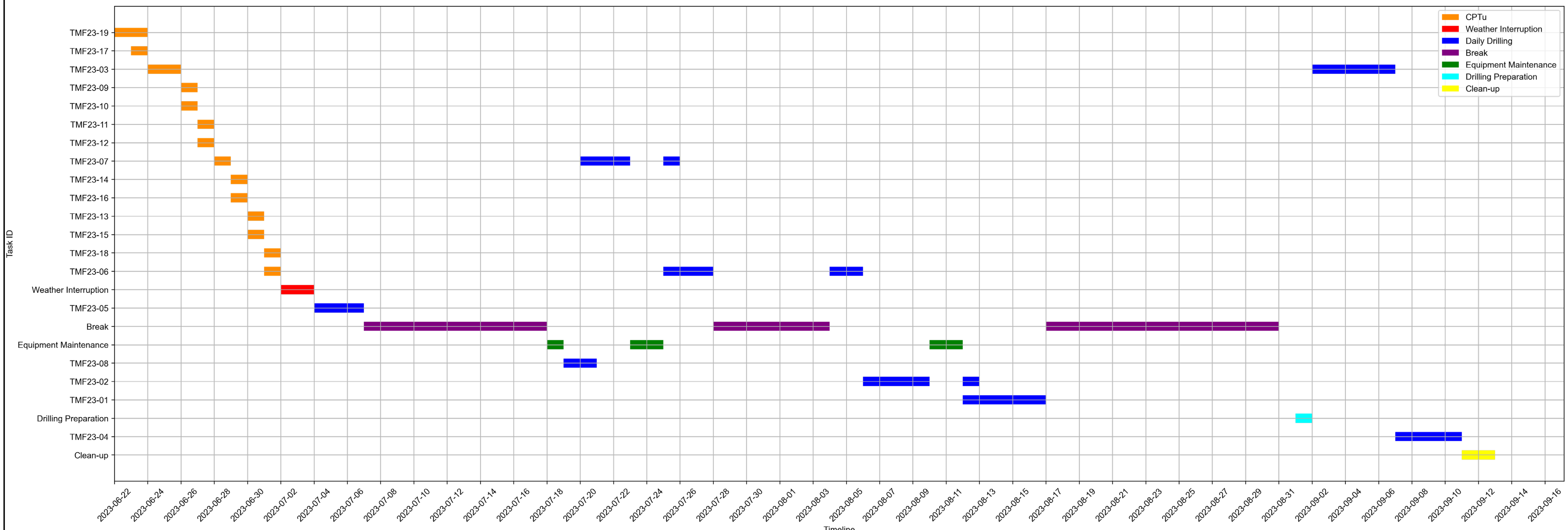
orano

2023 TOVP - Factual Report

Appendix A: Plan View Program Summary

Date:	Approved:	Figure:
October 2023	AN/ABL	Appendix A

Appendix B Field Program Schedule



srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program - Factual Report

CPTu Timeline

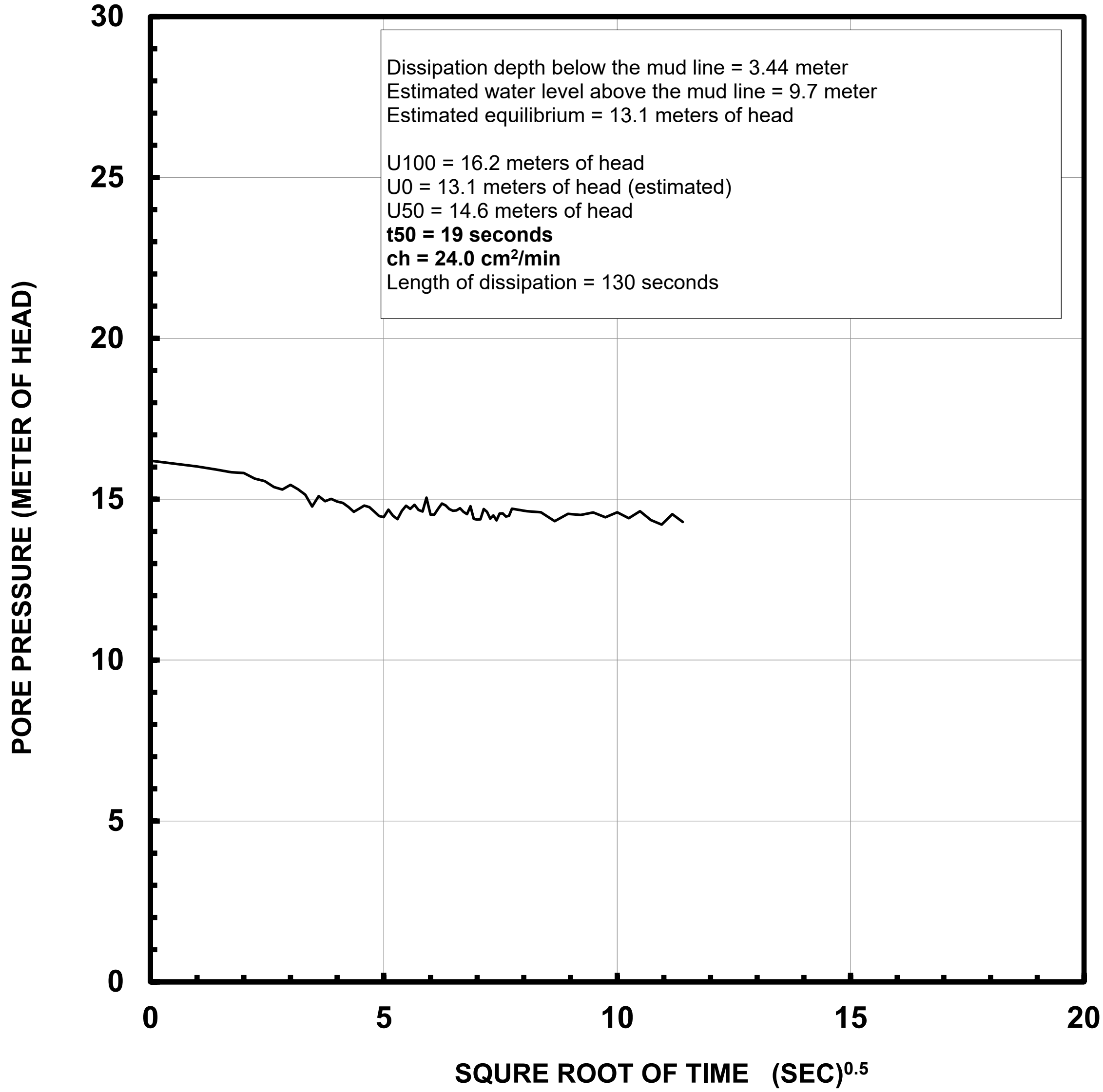
Date:	Approved:	Figure:
October 2023	AN	B

Appendix C CPTu Results

Appendix C.1 Schwartz Soil Tech Plots

ORANO

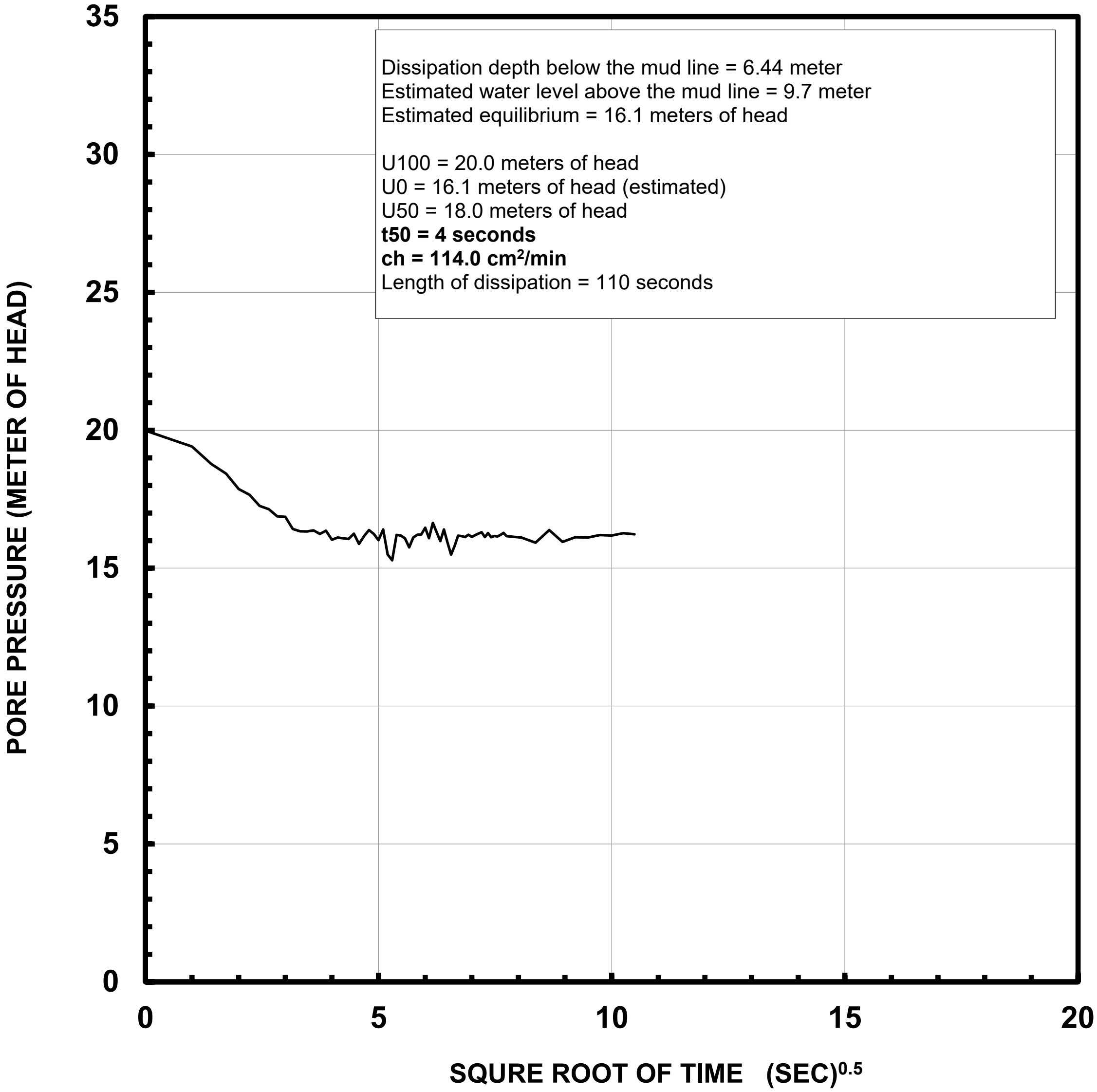
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
3.44 METER DEPTH
JUNE 24, 2023



Schwartz
SOIL TECH

ORANO

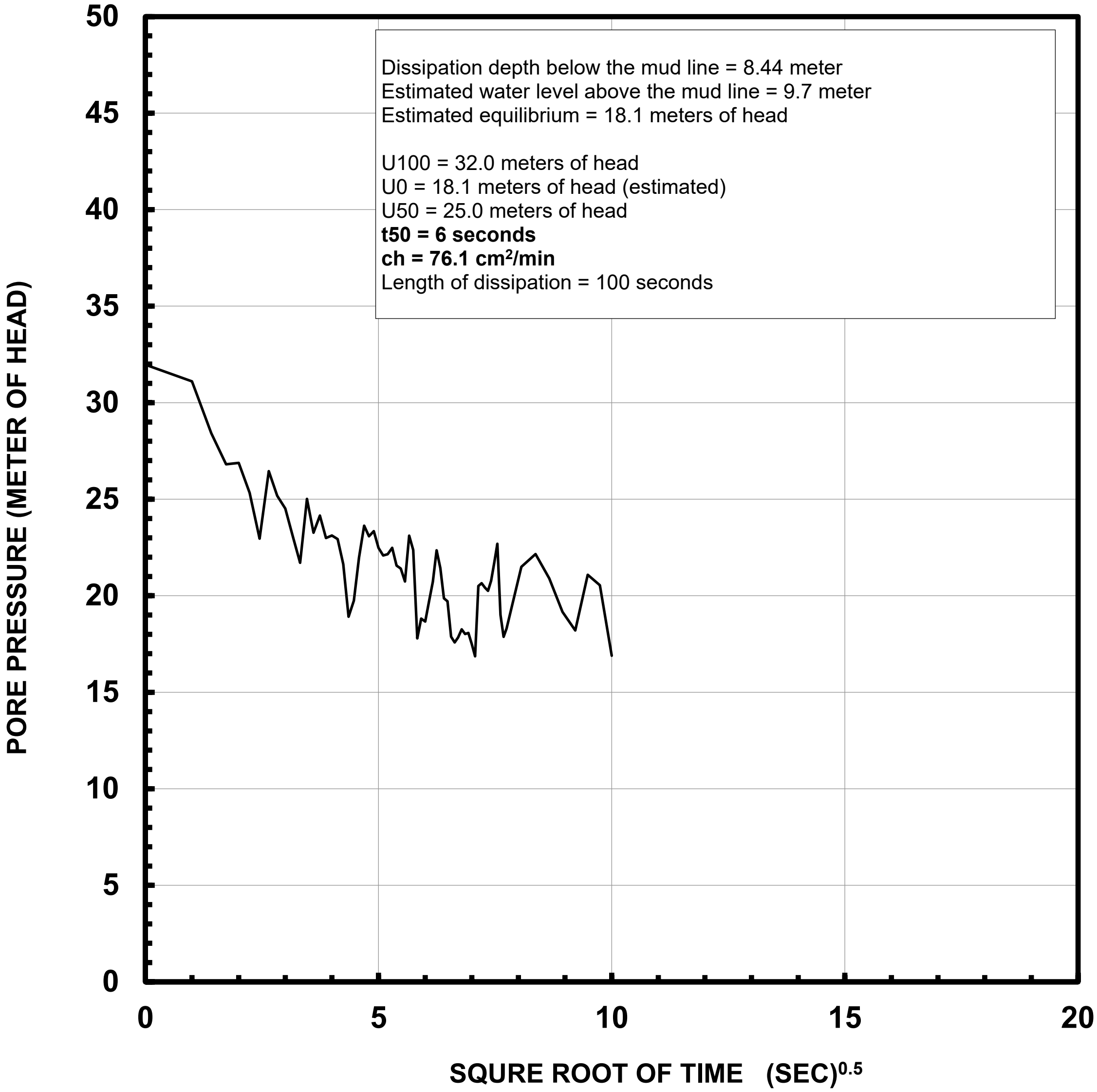
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
6.44 METER DEPTH
JUNE 24, 2023



Schwartz SOIL TECH

ORANO

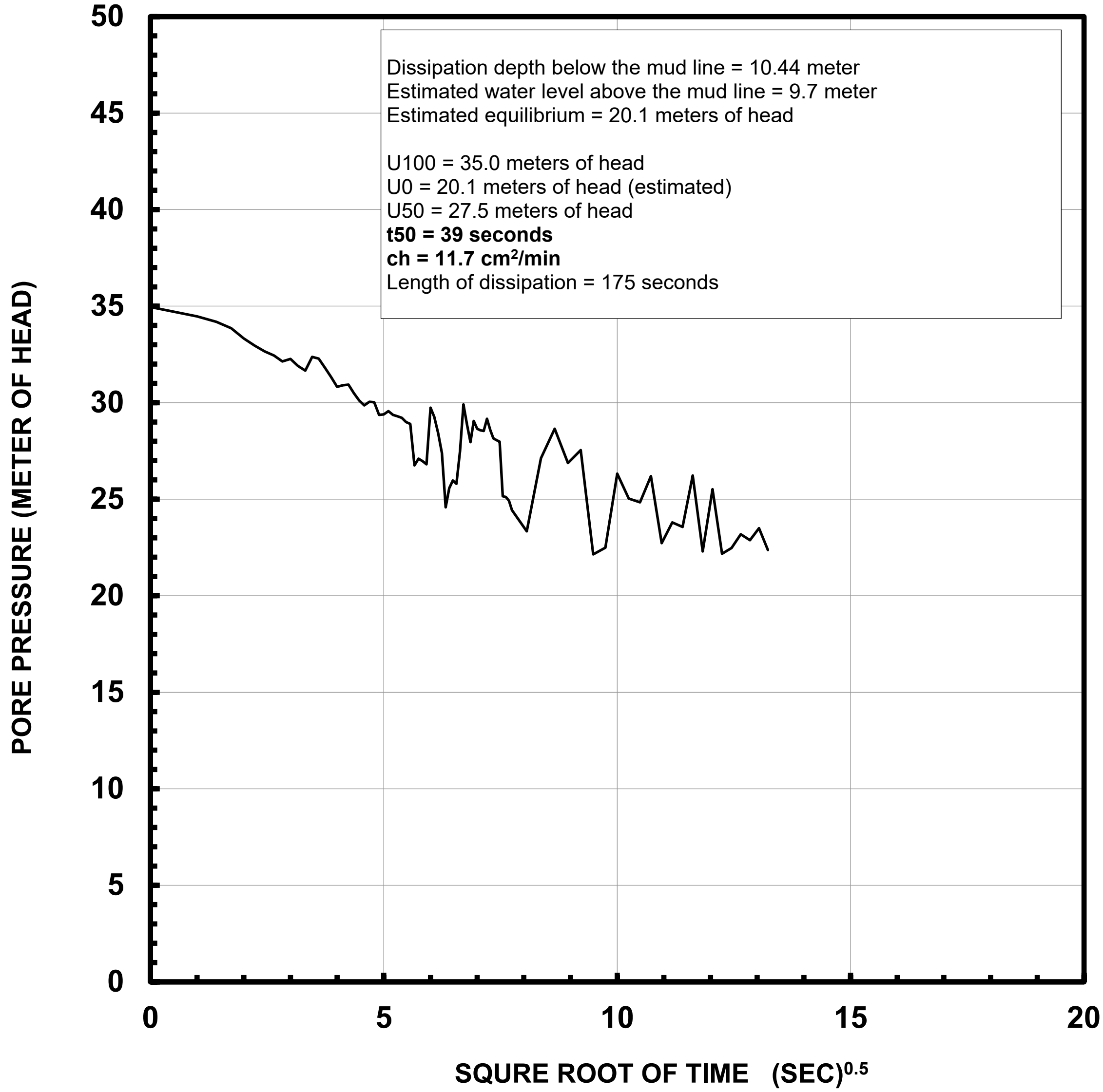
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
8.44 METER DEPTH
JUNE 24, 2023



Schwartz SOIL TECH

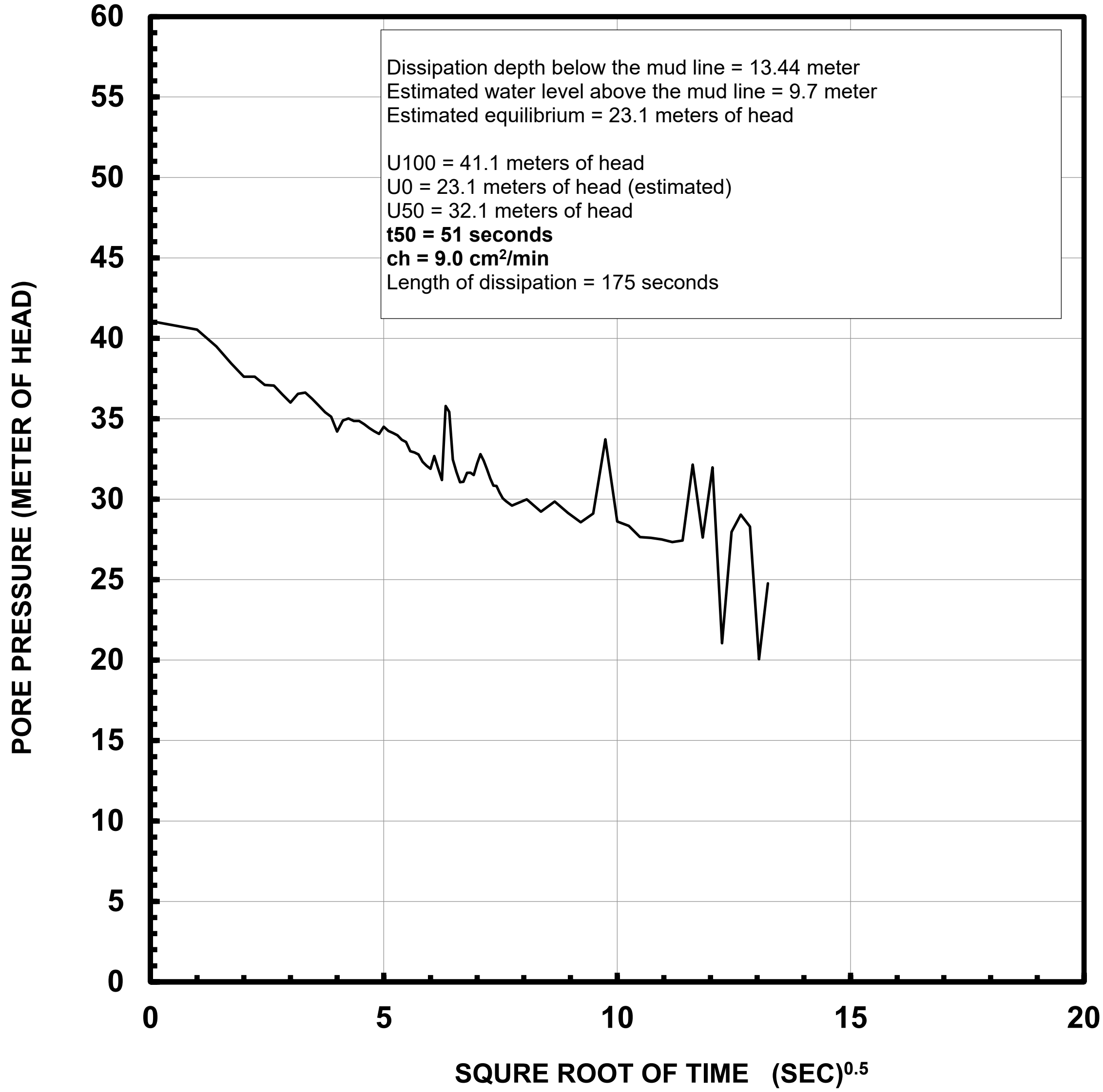
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
10.44 METER DEPTH
JUNE 24, 2023



ORANO

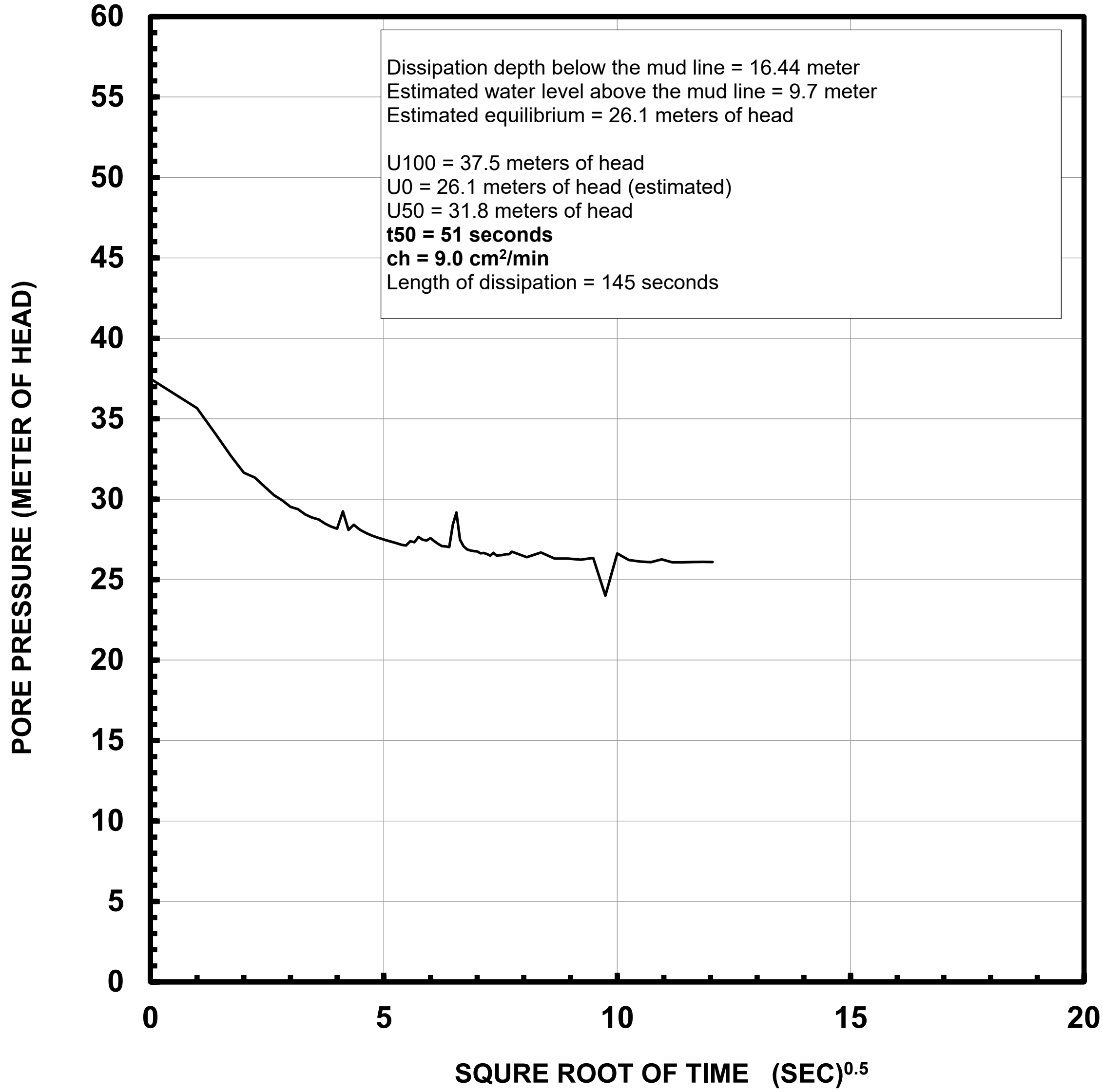
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
13.44 METER DEPTH
JUNE 24, 2023



Schwartz SOIL TECH

ORANO

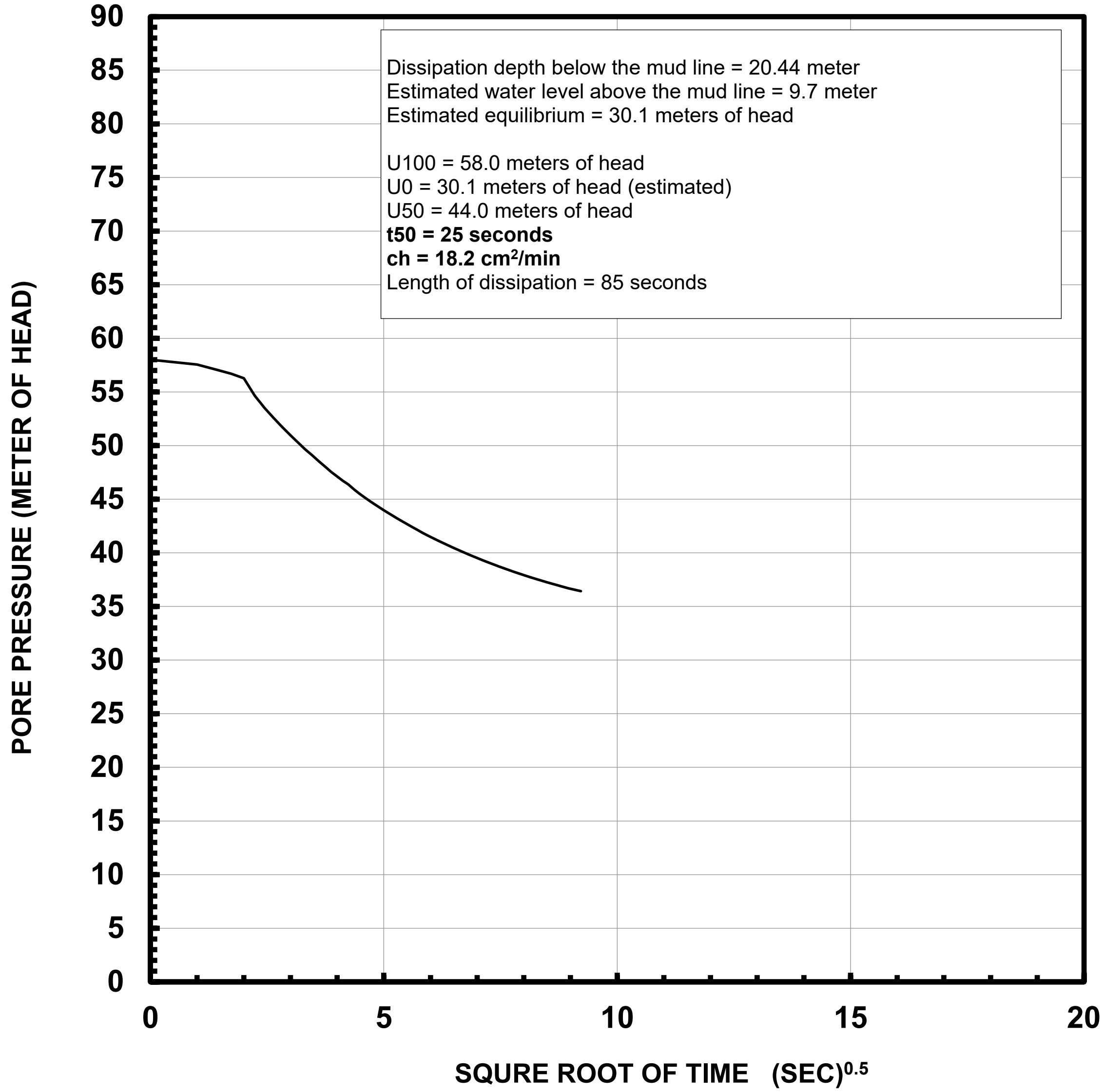
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
16.44 METER DEPTH
JUNE 24, 2023



Schwartz SOIL TECH

ORANO

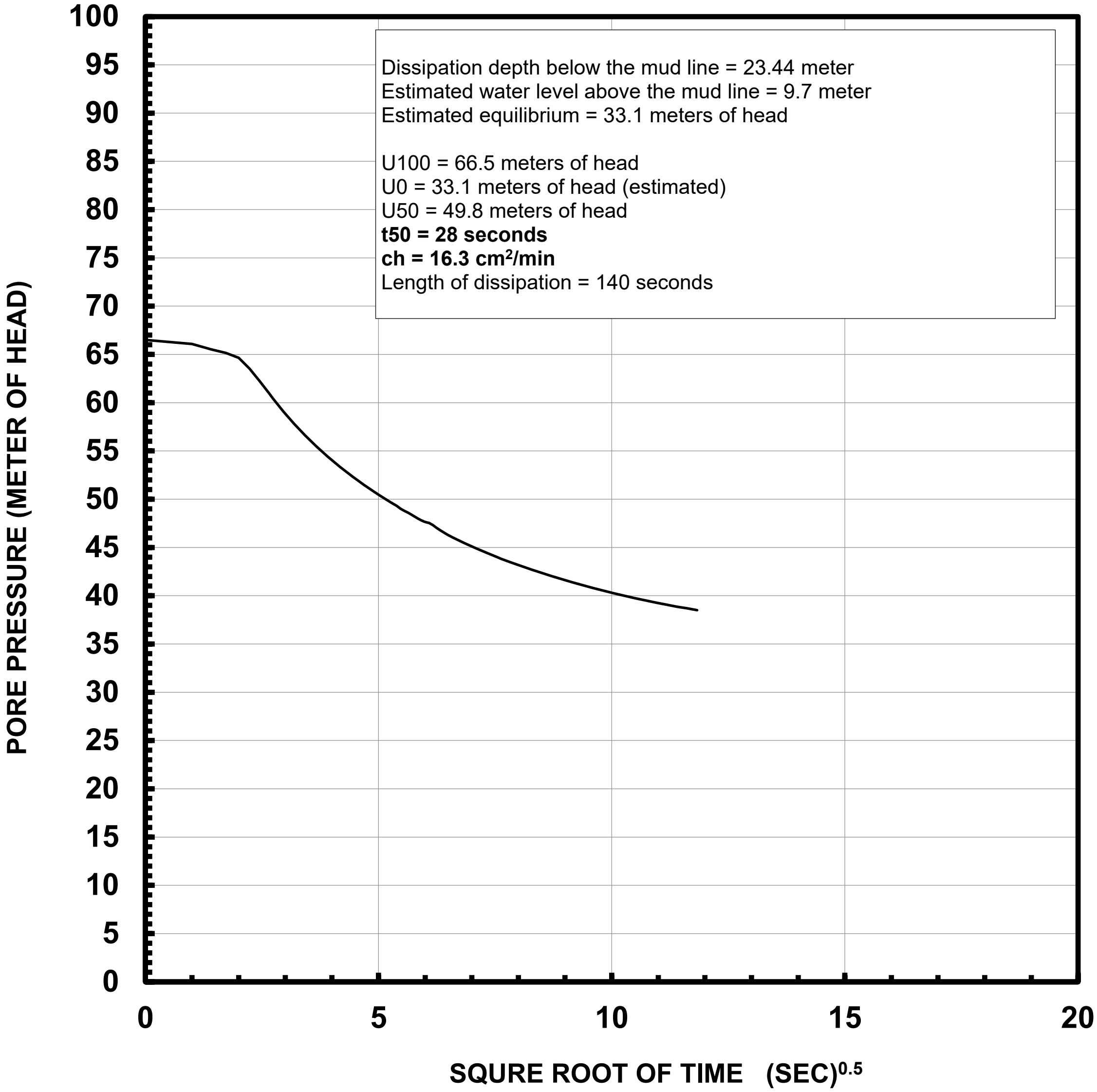
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
20.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

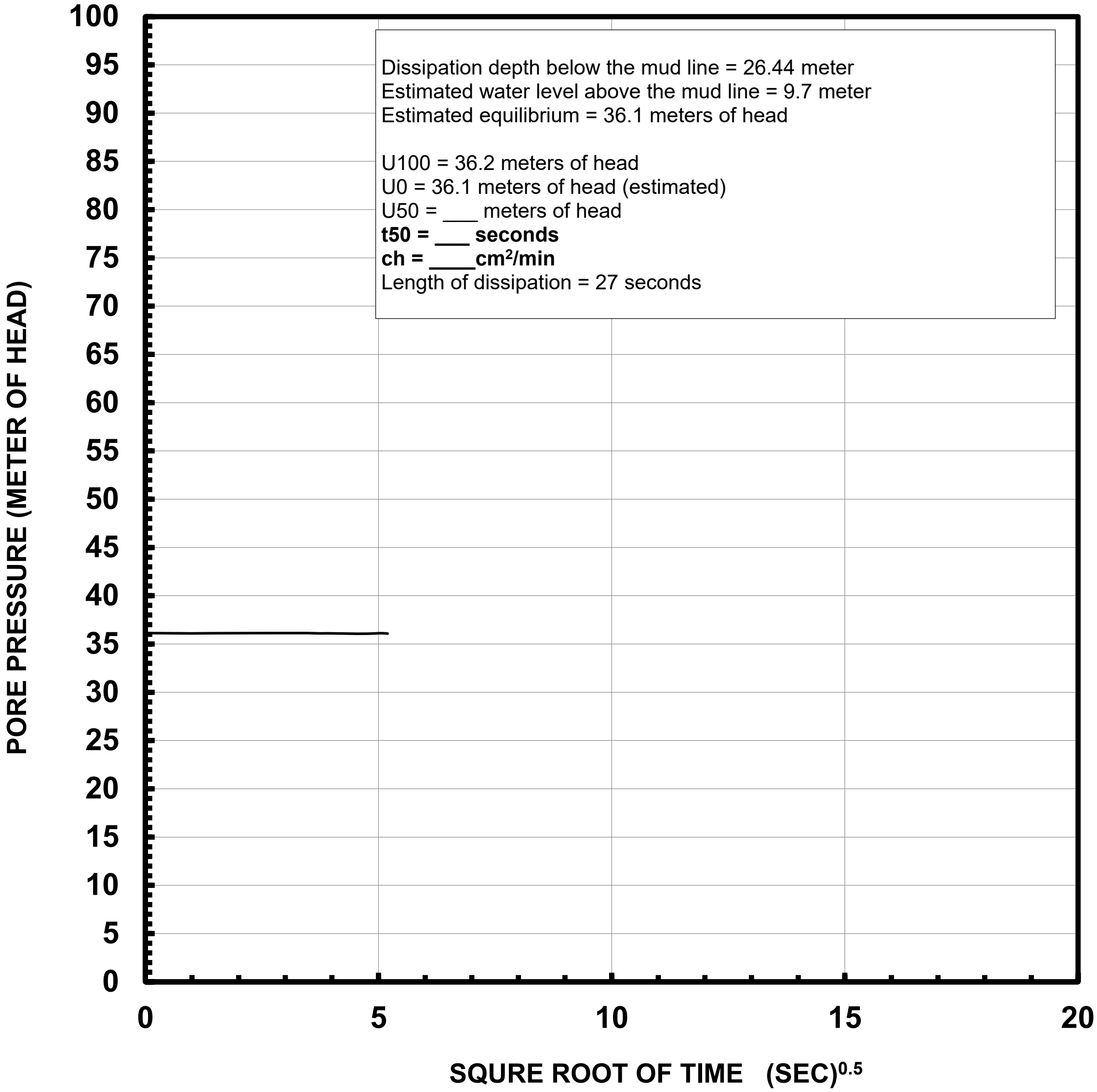
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
23.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

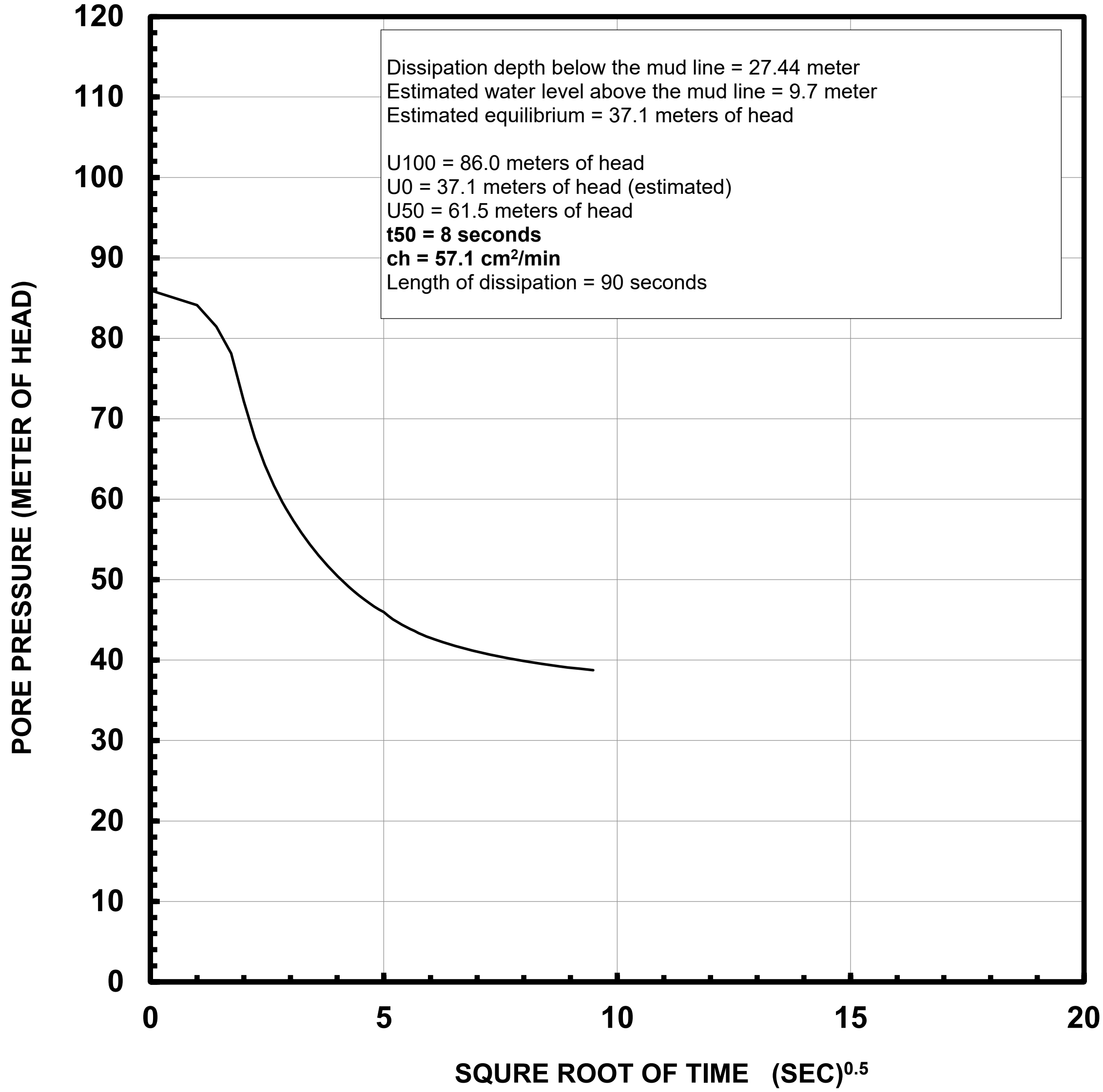
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
26.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

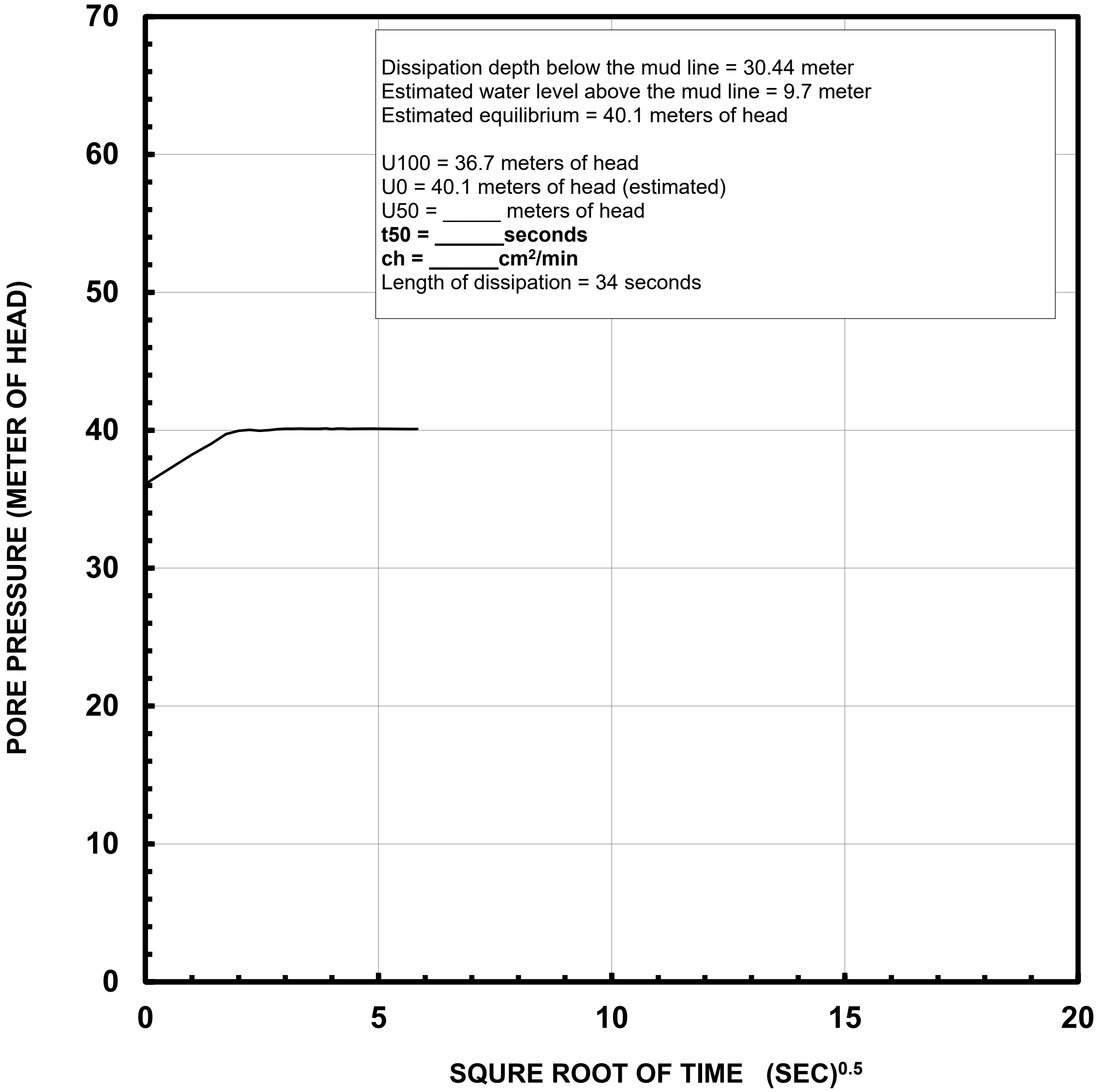
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
27.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
30.44 METER DEPTH
JUNE 25, 2023



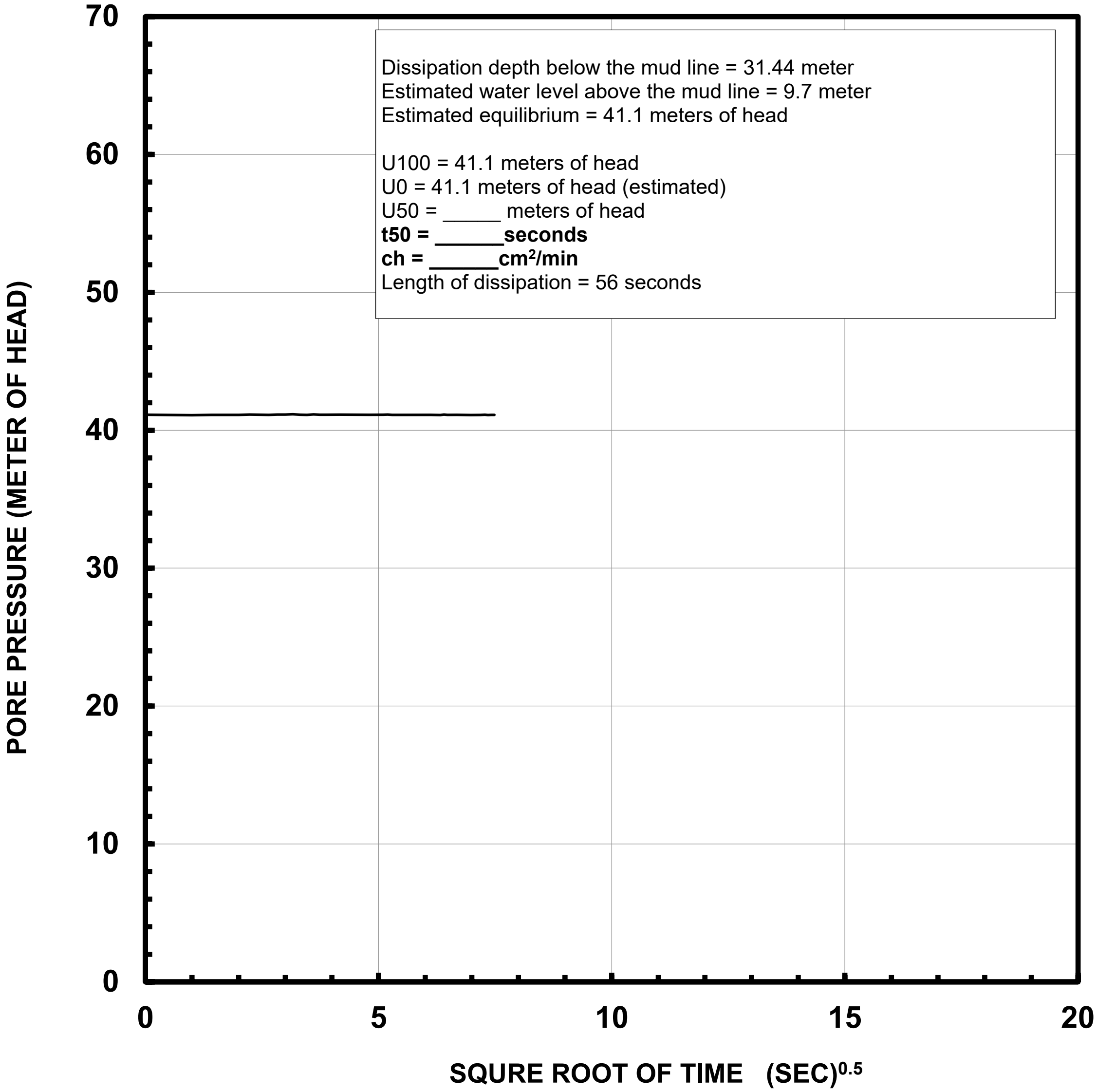
Dissipation depth below the mud line = 30.44 meter
Estimated water level above the mud line = 9.7 meter
Estimated equilibrium = 40.1 meters of head

U100 = 36.7 meters of head
U0 = 40.1 meters of head (estimated)
U50 = ______ meters of head
t50 = ______seconds
ch = ______cm^2/min
Length of dissipation = 34 seconds

Schwartz SOIL TECH

ORANO

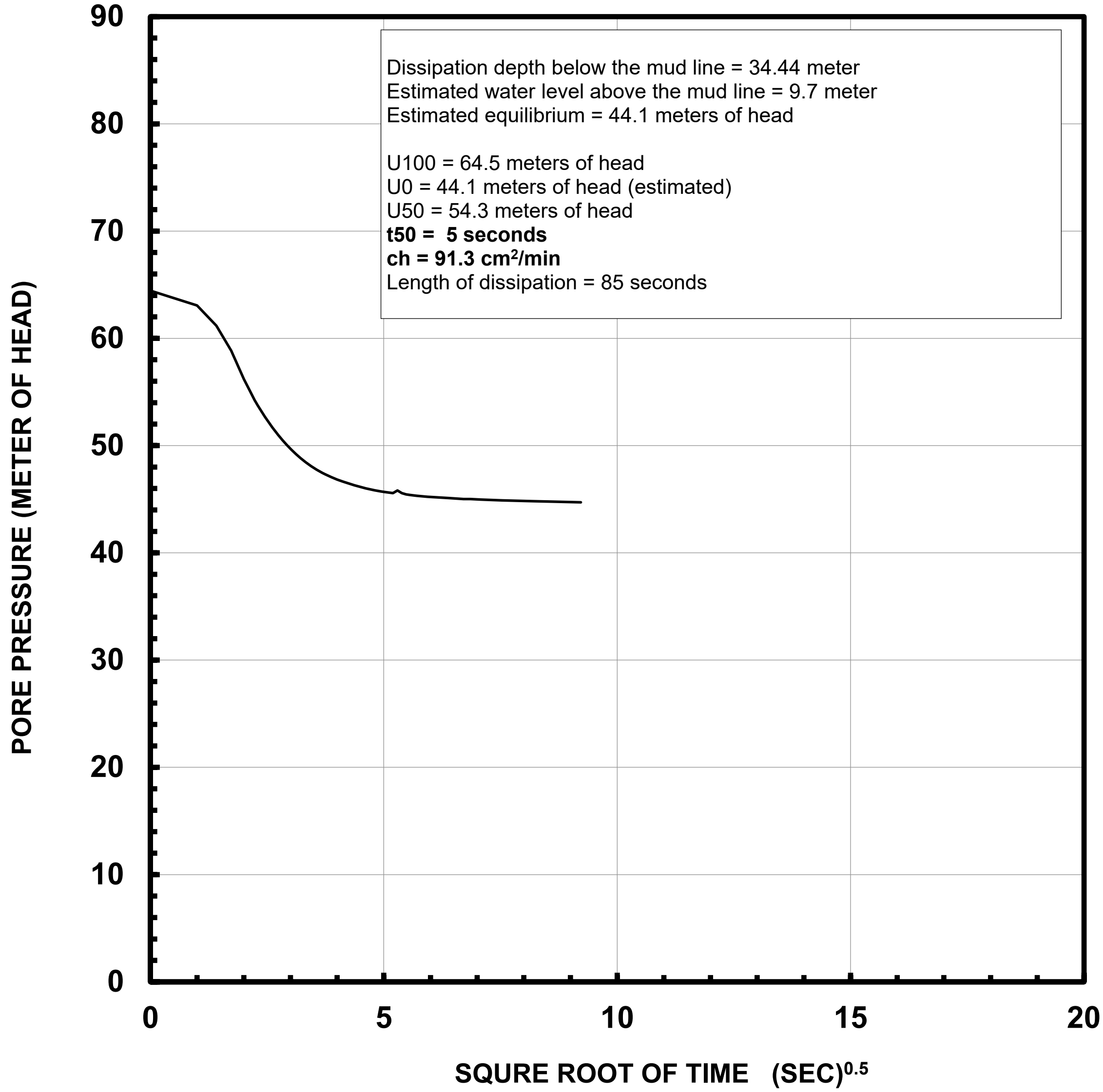
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
31.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

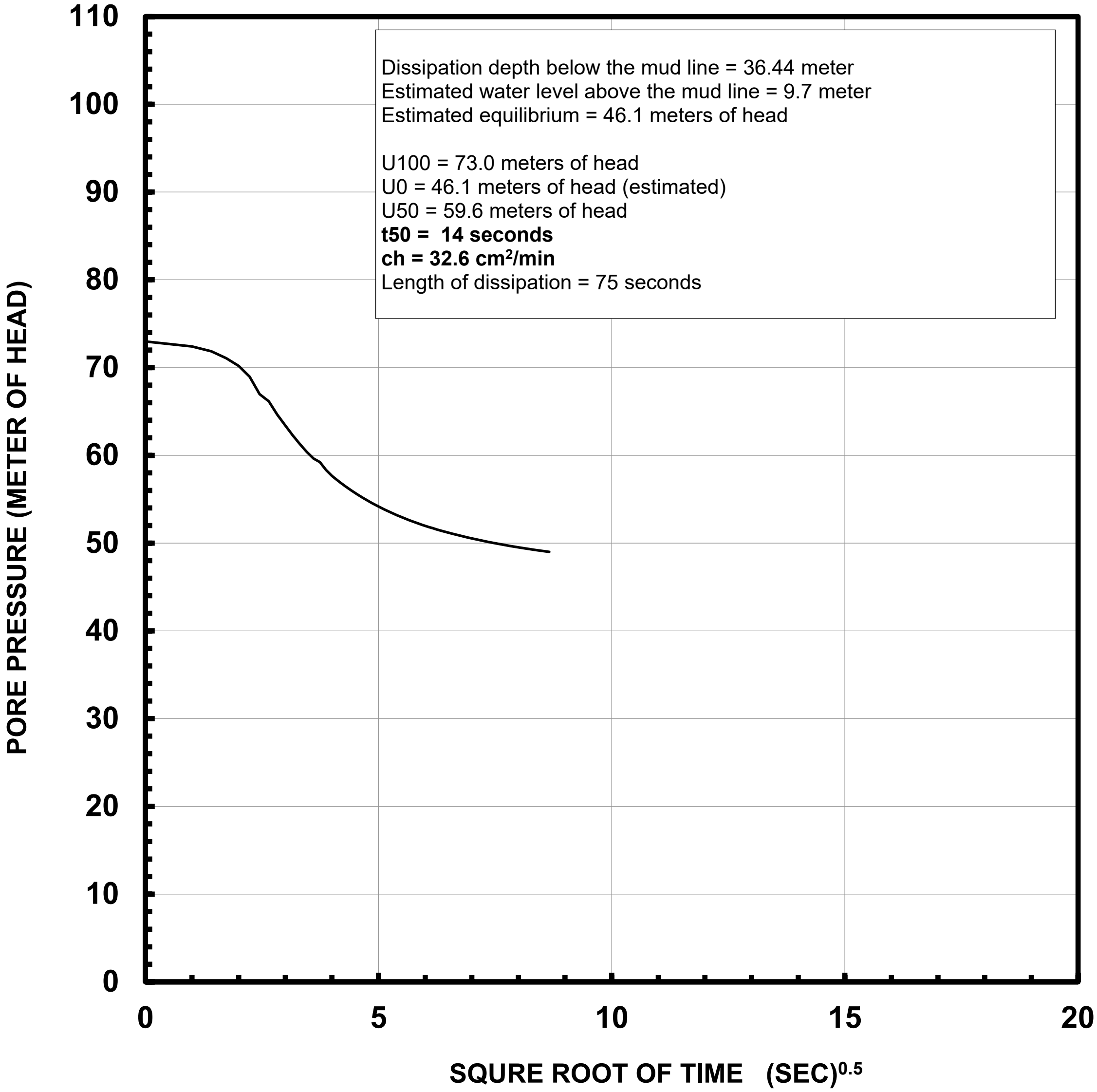
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
34.44 METER DEPTH
JUNE 25, 2023



Schwartz
SOIL TECH

ORANO

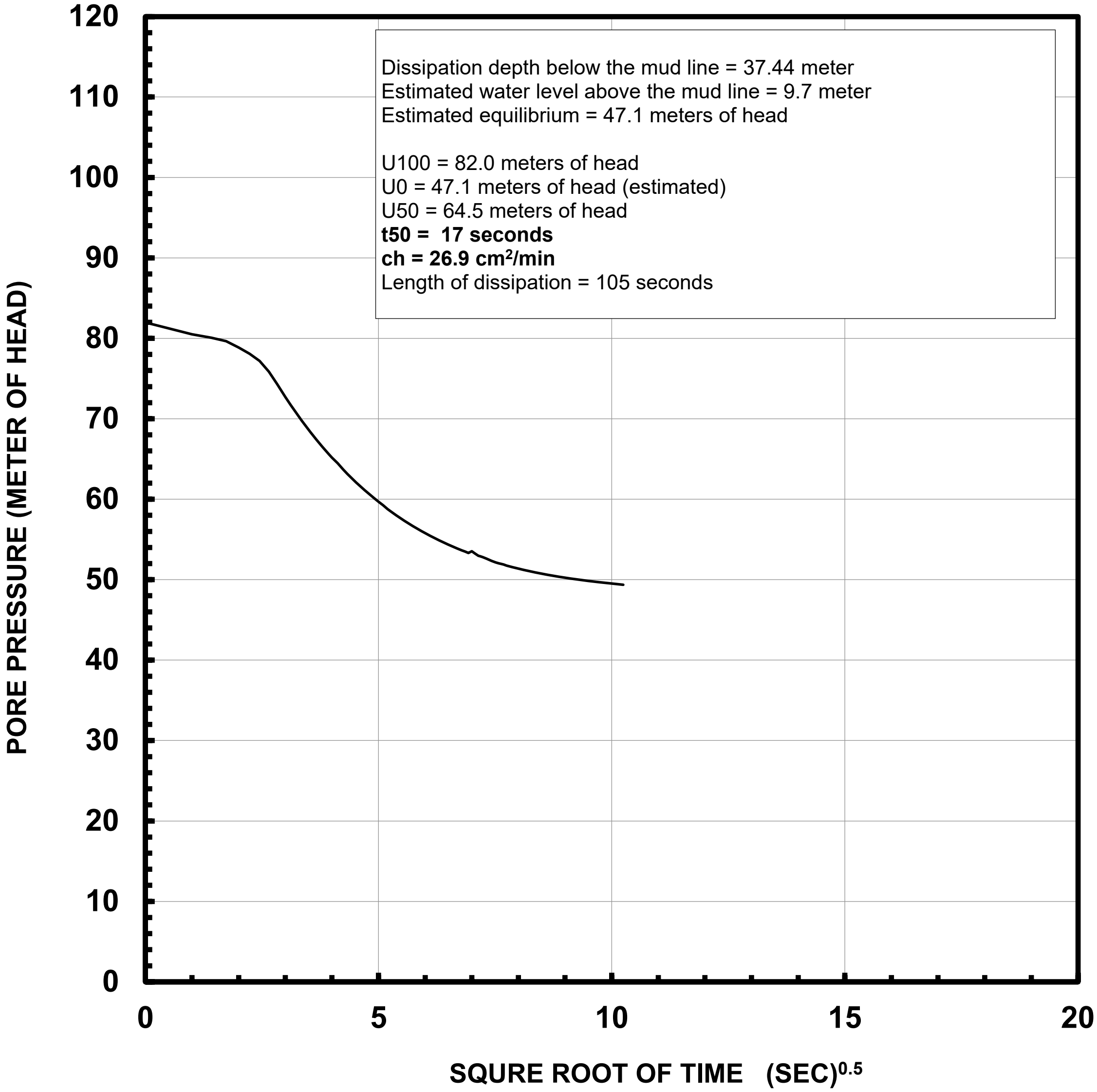
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
36.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

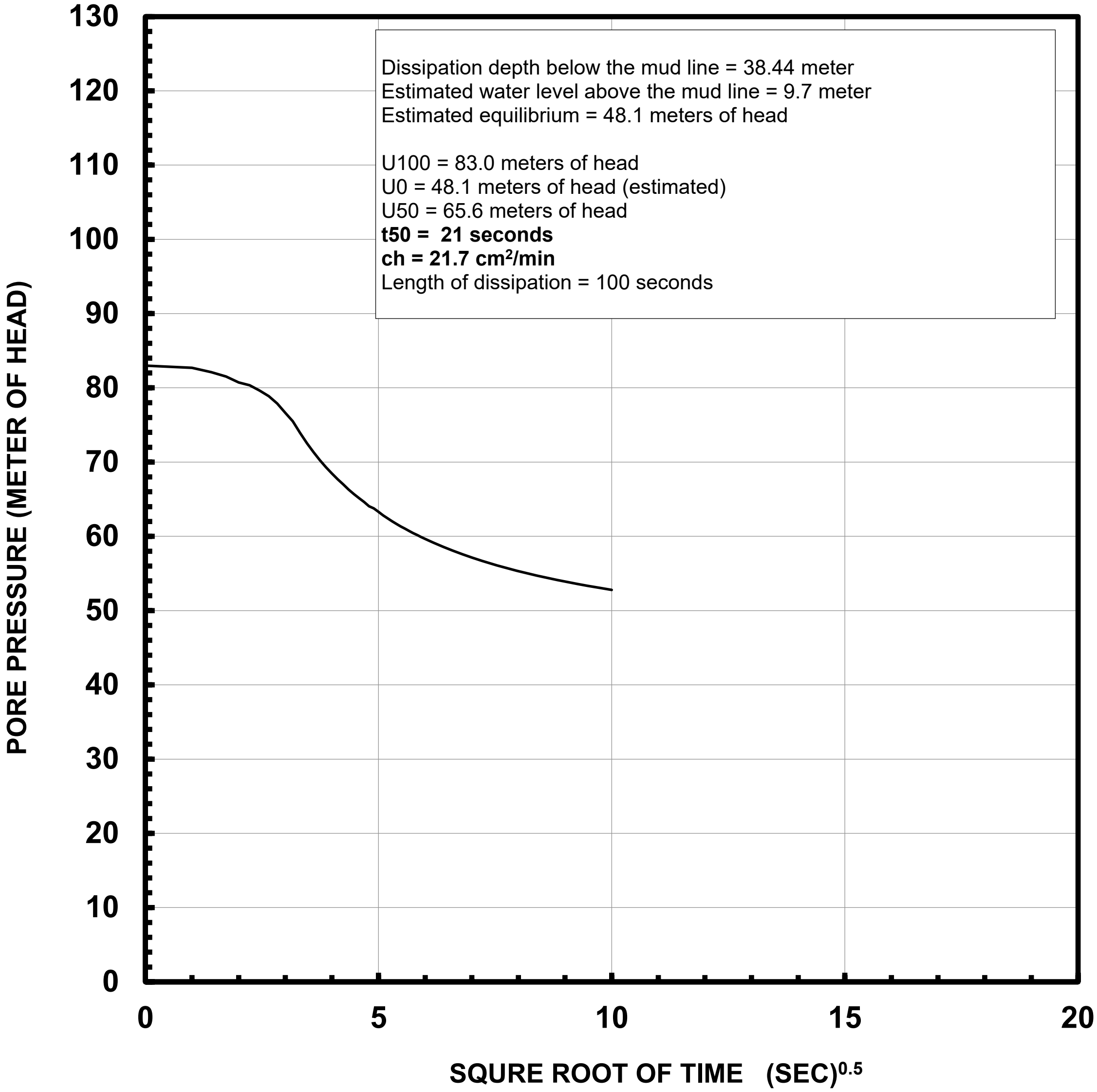
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
37.44 METER DEPTH
JUNE 25, 2023



ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
38.44 METER DEPTH
JUNE 25, 2023



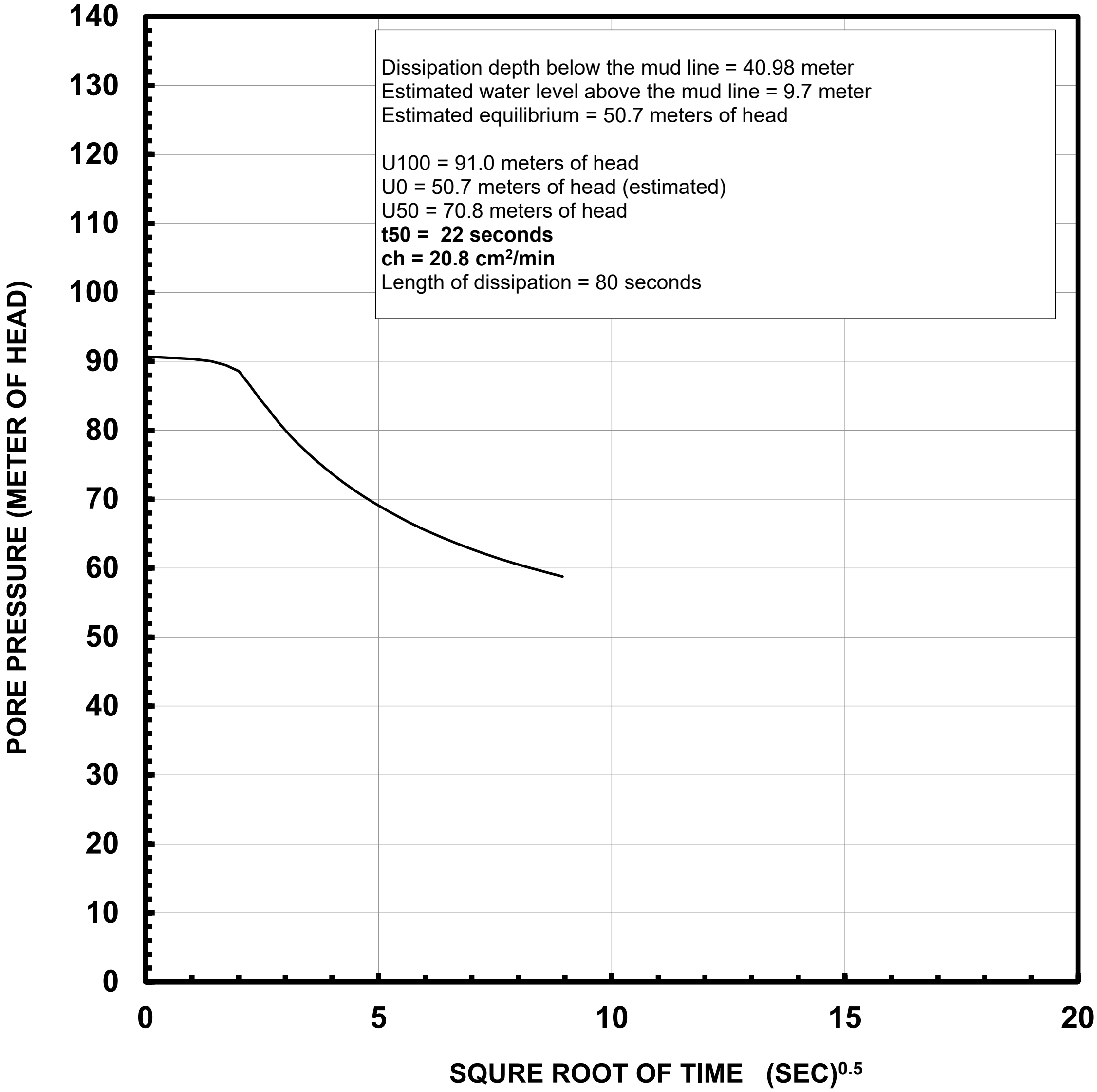
Dissipation depth below the mud line = 38.44 meter
Estimated water level above the mud line = 9.7 meter
Estimated equilibrium = 48.1 meters of head

U100 = 83.0 meters of head
U0 = 48.1 meters of head (estimated)
U50 = 65.6 meters of head
t50 = 21 seconds
ch = 21.7 cm^2/min
Length of dissipation = 100 seconds

Schwartz SOIL TECH

ORANO

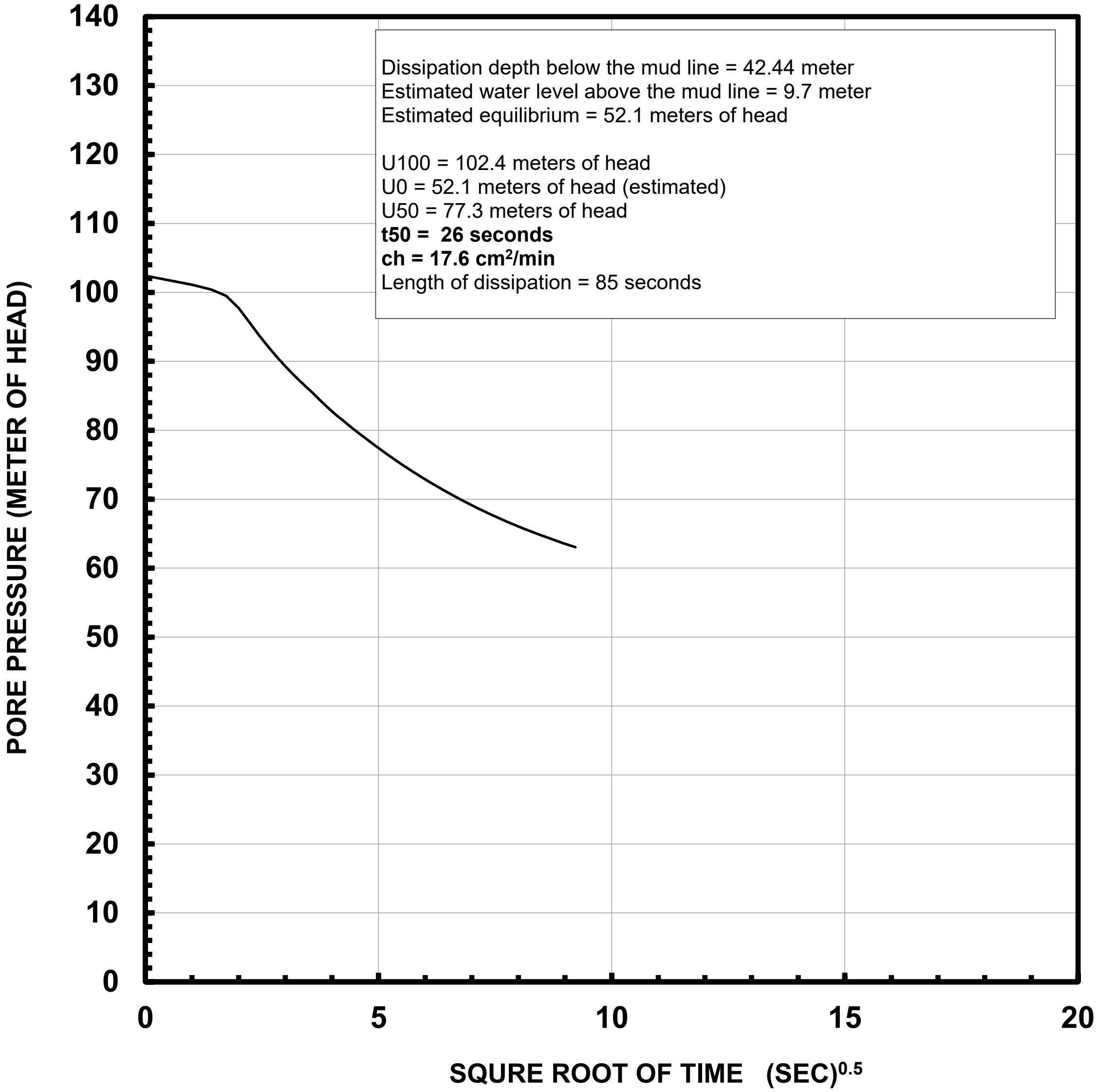
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
40.98 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

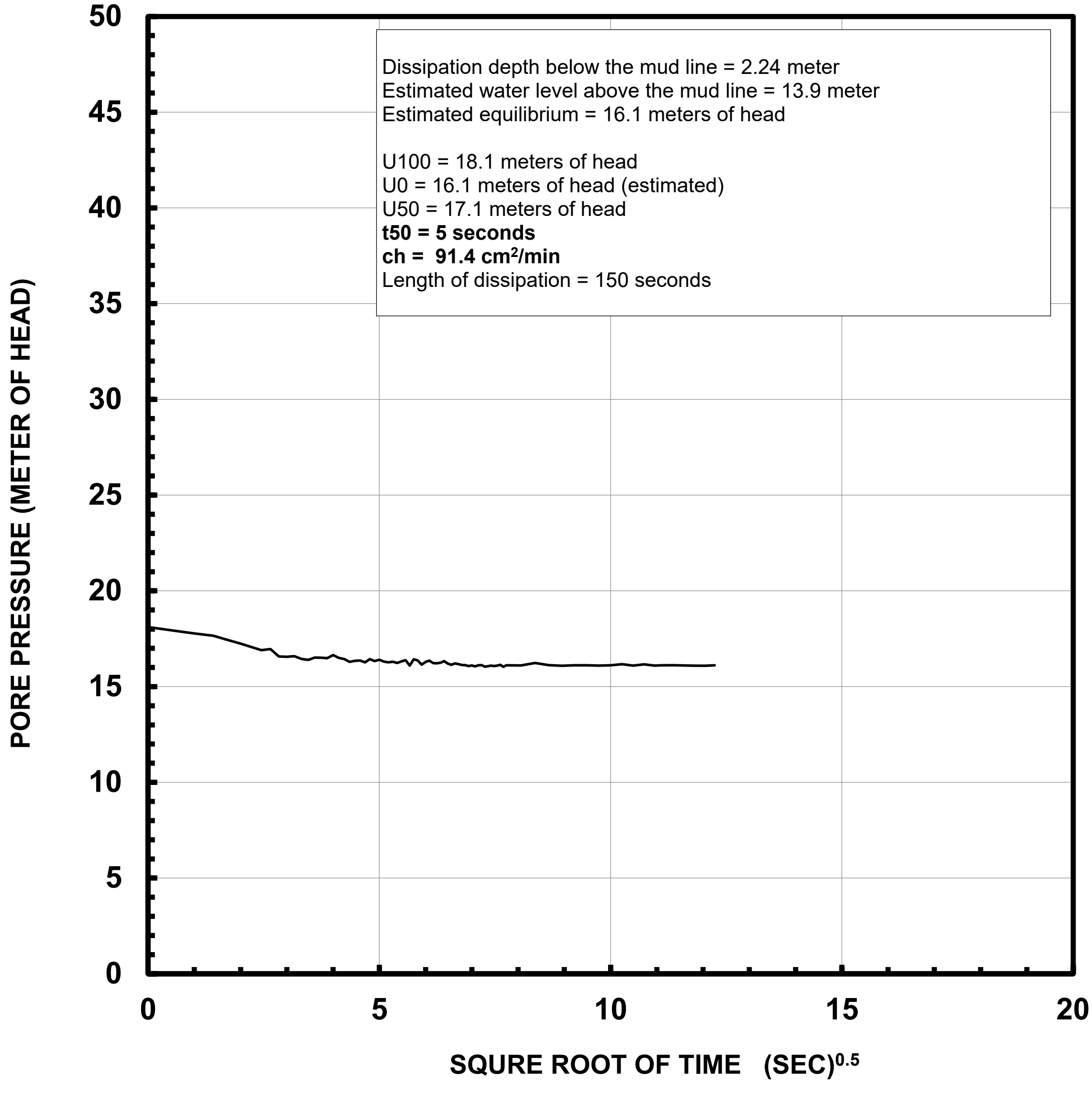
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 03
42.44 METER DEPTH
JUNE 25, 2023



Schwartz SOIL TECH

ORANO

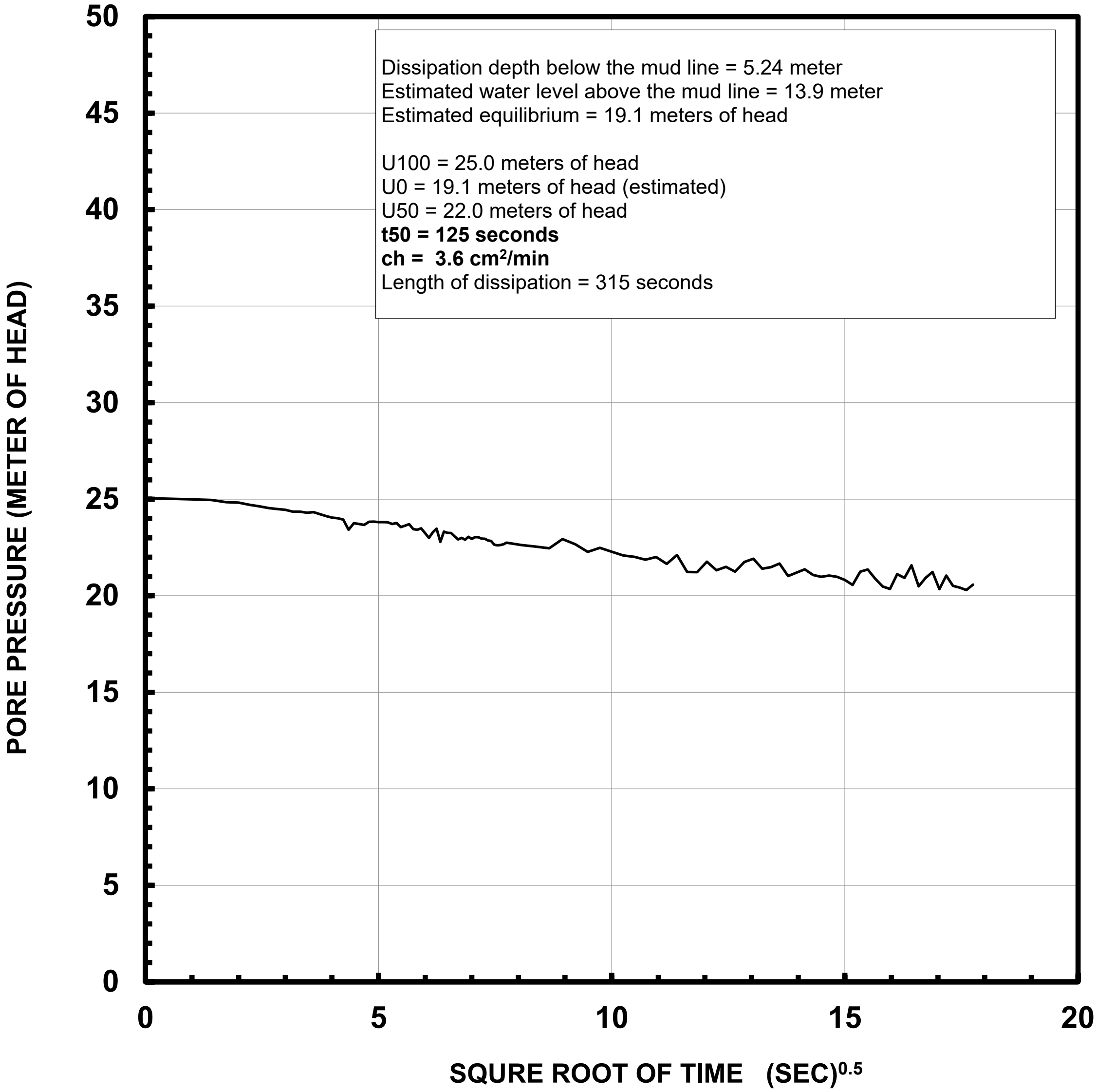
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
2.24 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

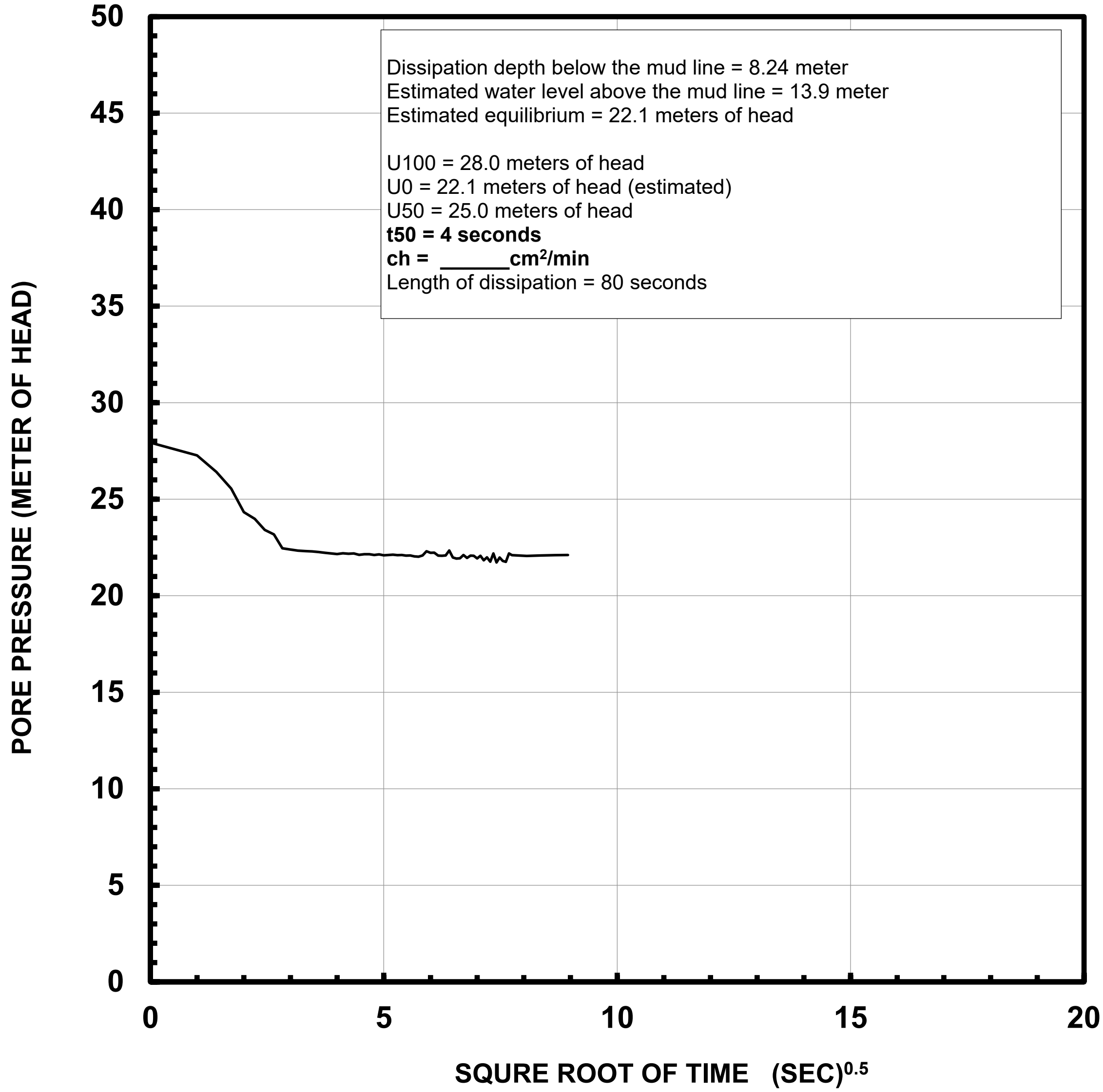
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
5.24 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

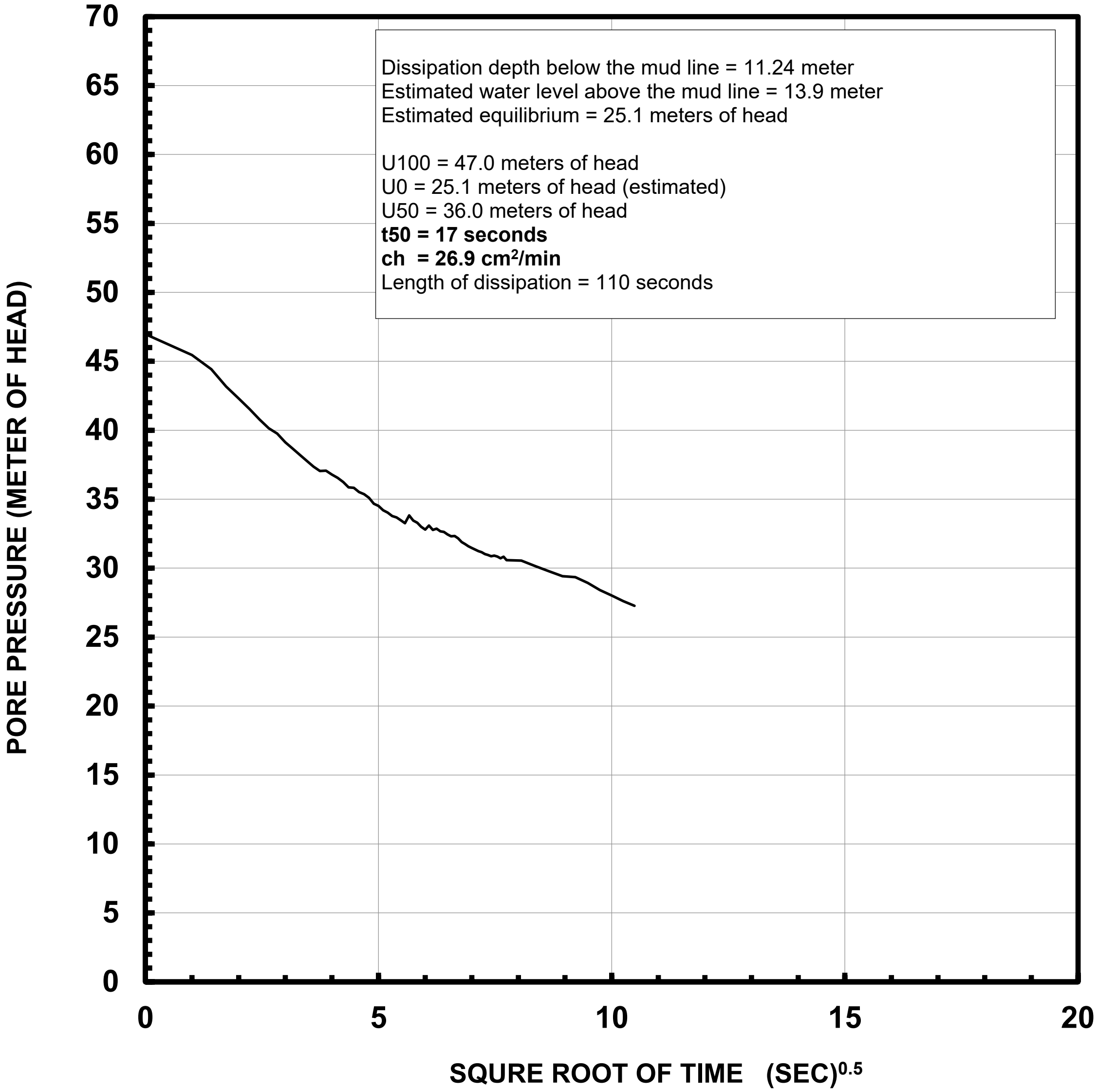
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
8.24 METER DEPTH
JULY 1, 2023



Schwartz SOILTECH

ORANO

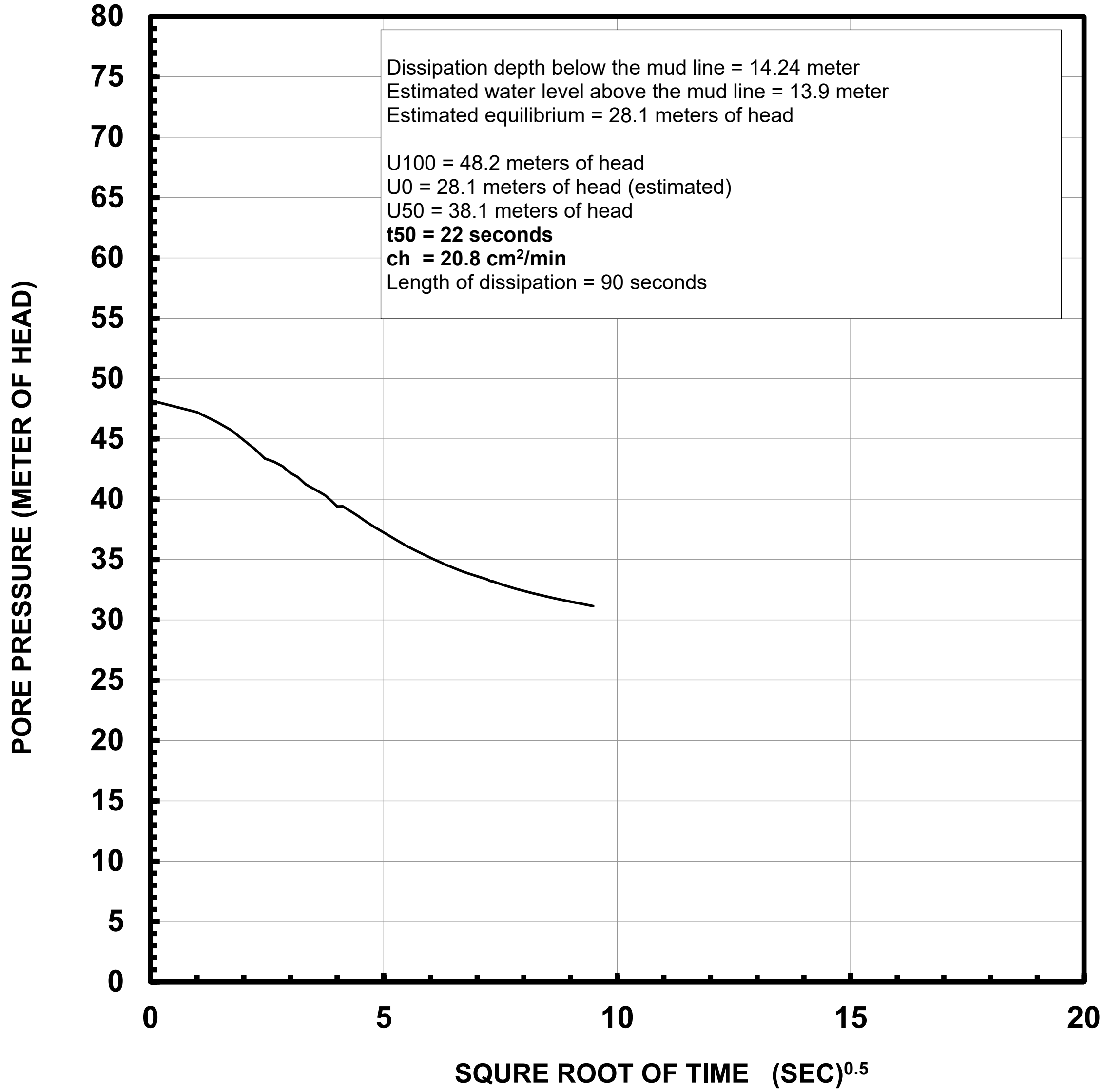
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
11.24 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

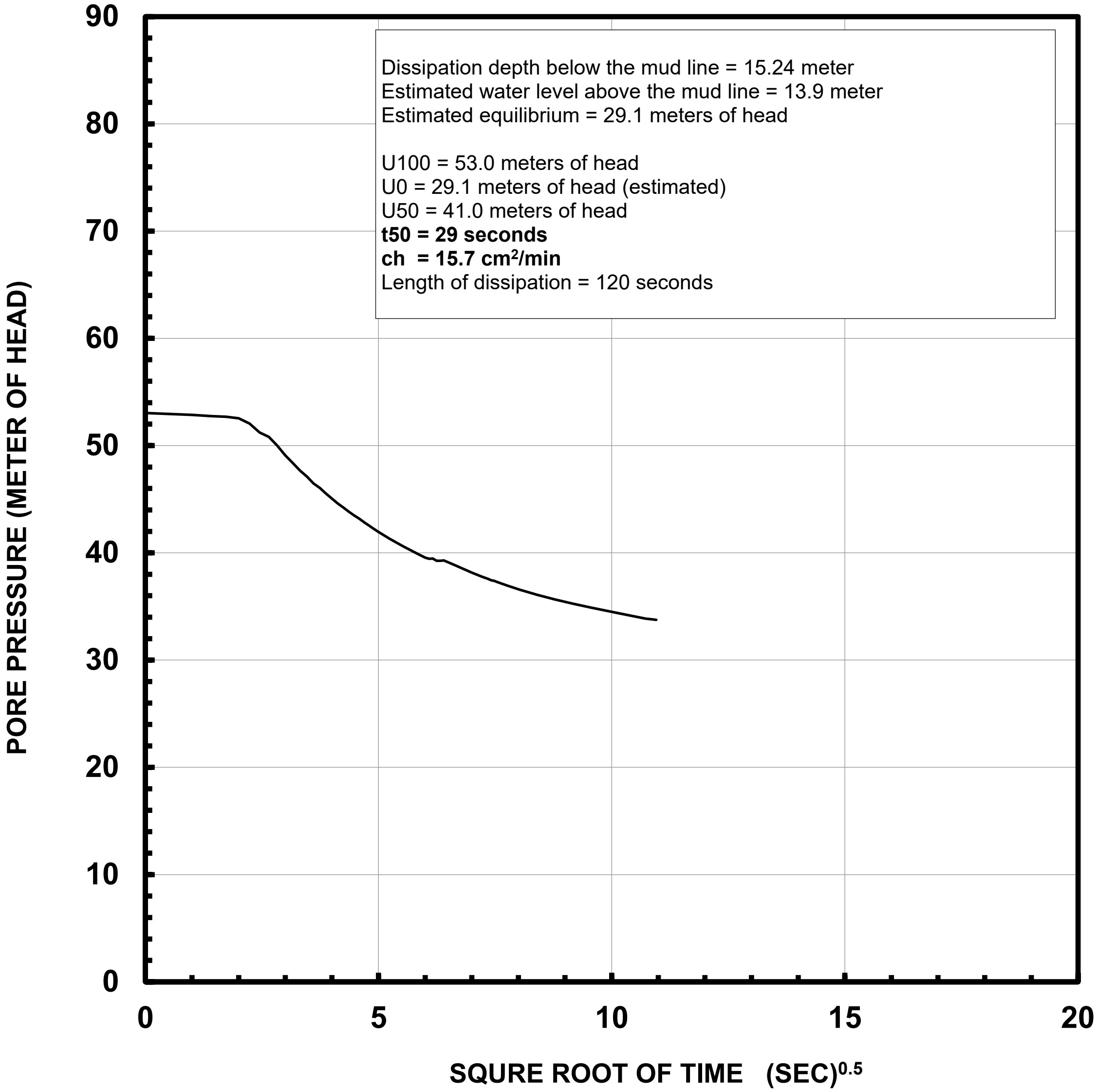
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
14.24 METER DEPTH
JULY 1, 2023



Schwartz
SOIL TECH

ORANO

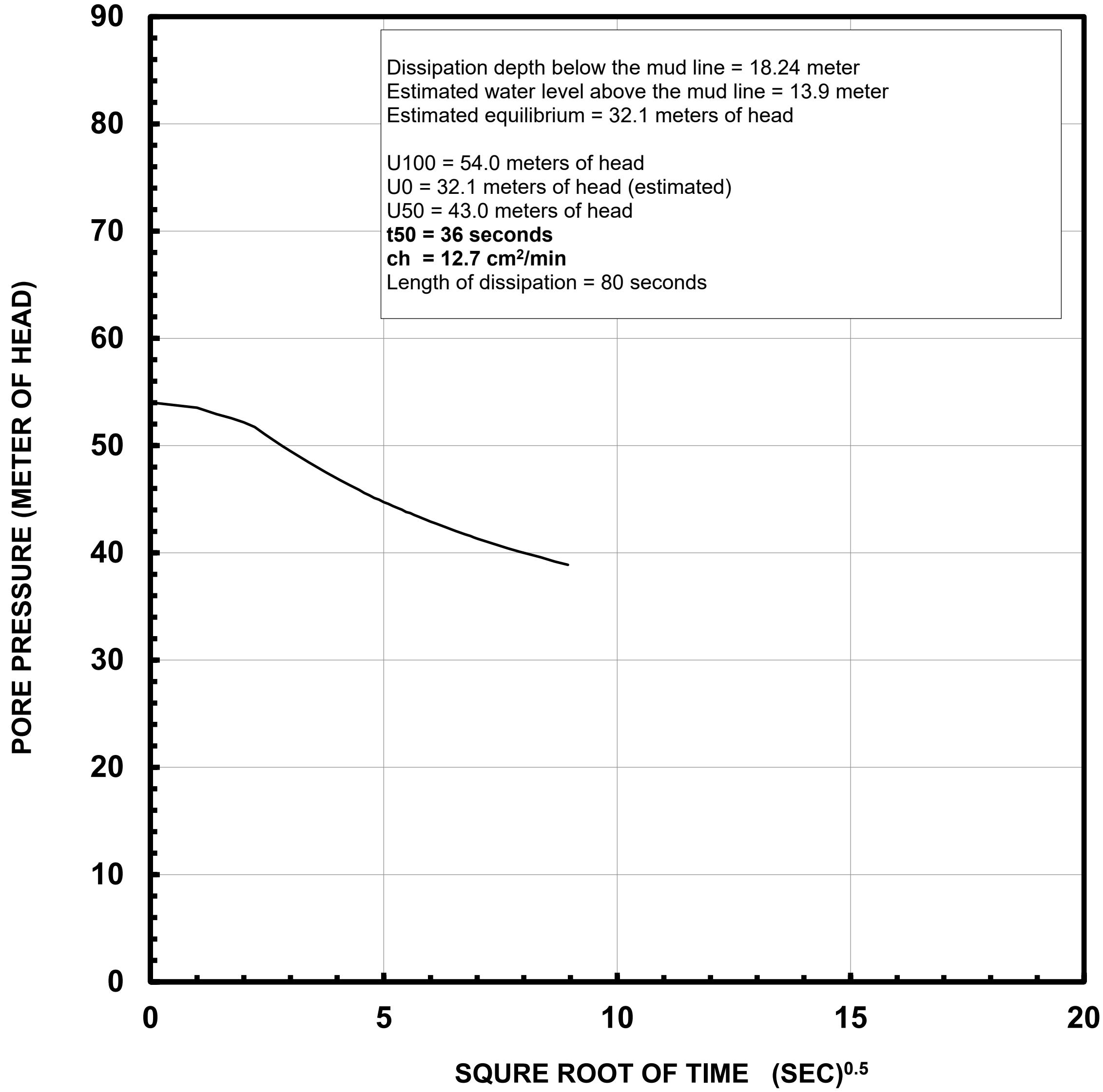
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
15.24 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

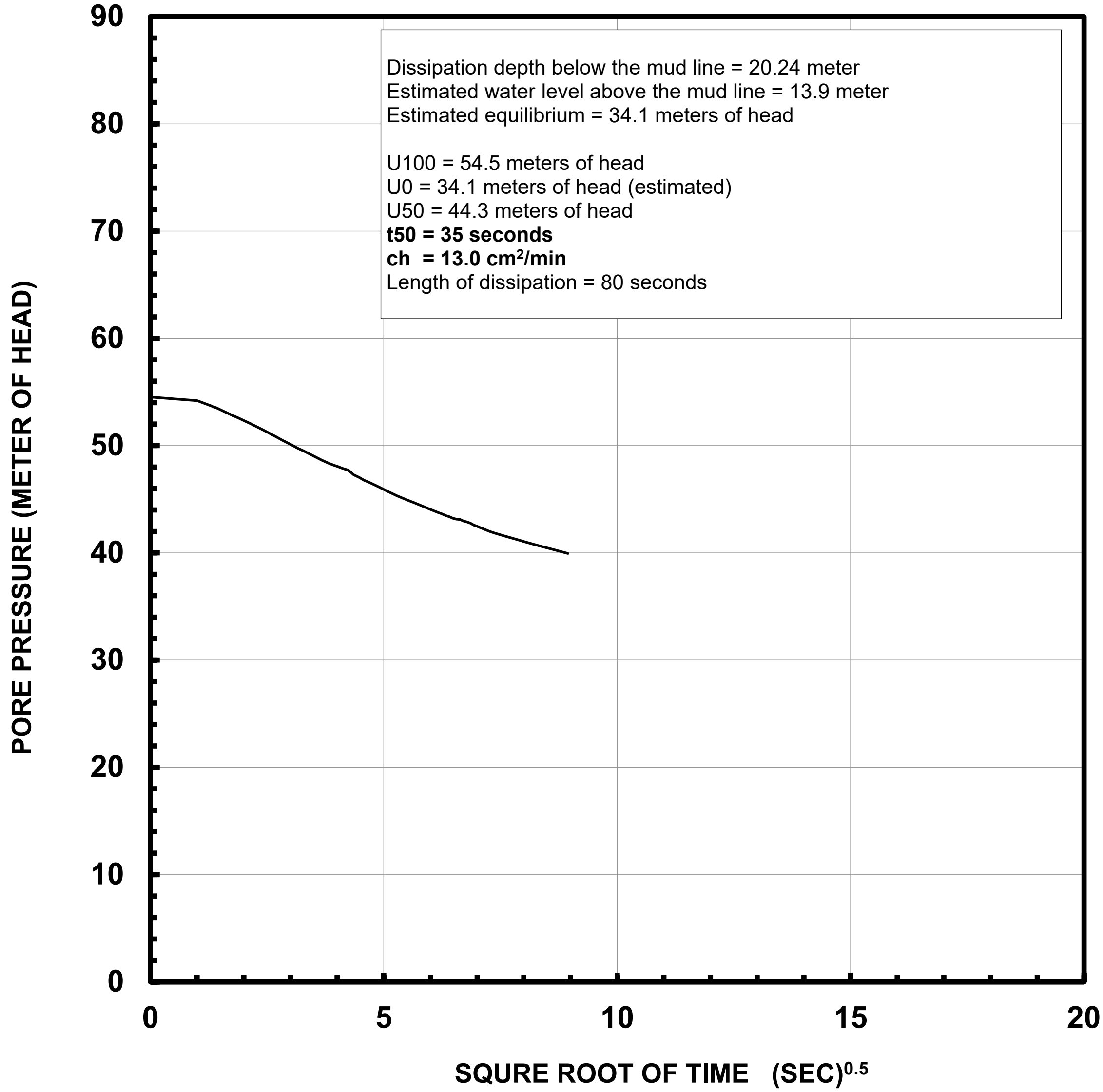
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
18.24 METER DEPTH
JULY 1, 2023



ORANO

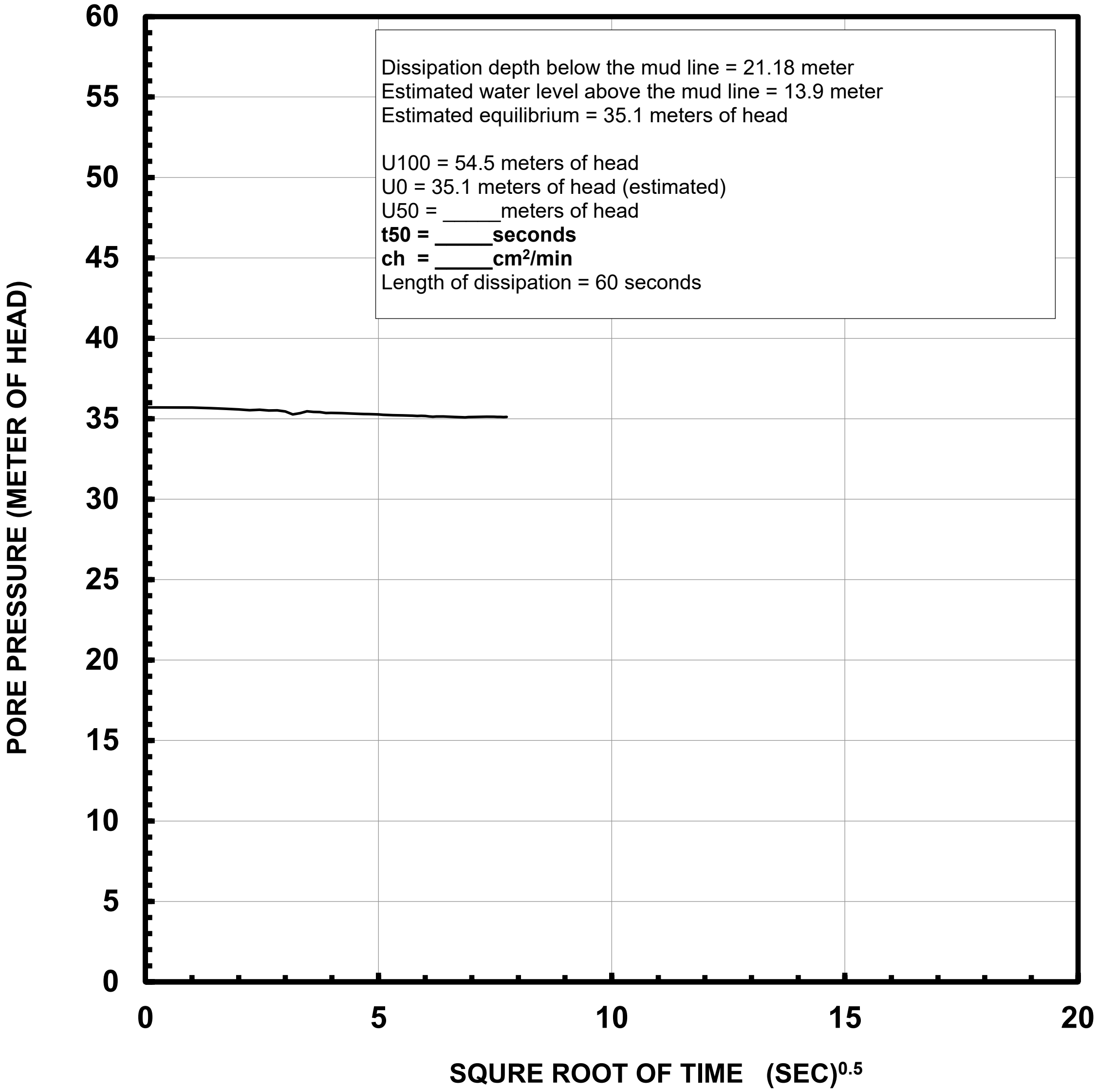
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
20.24 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

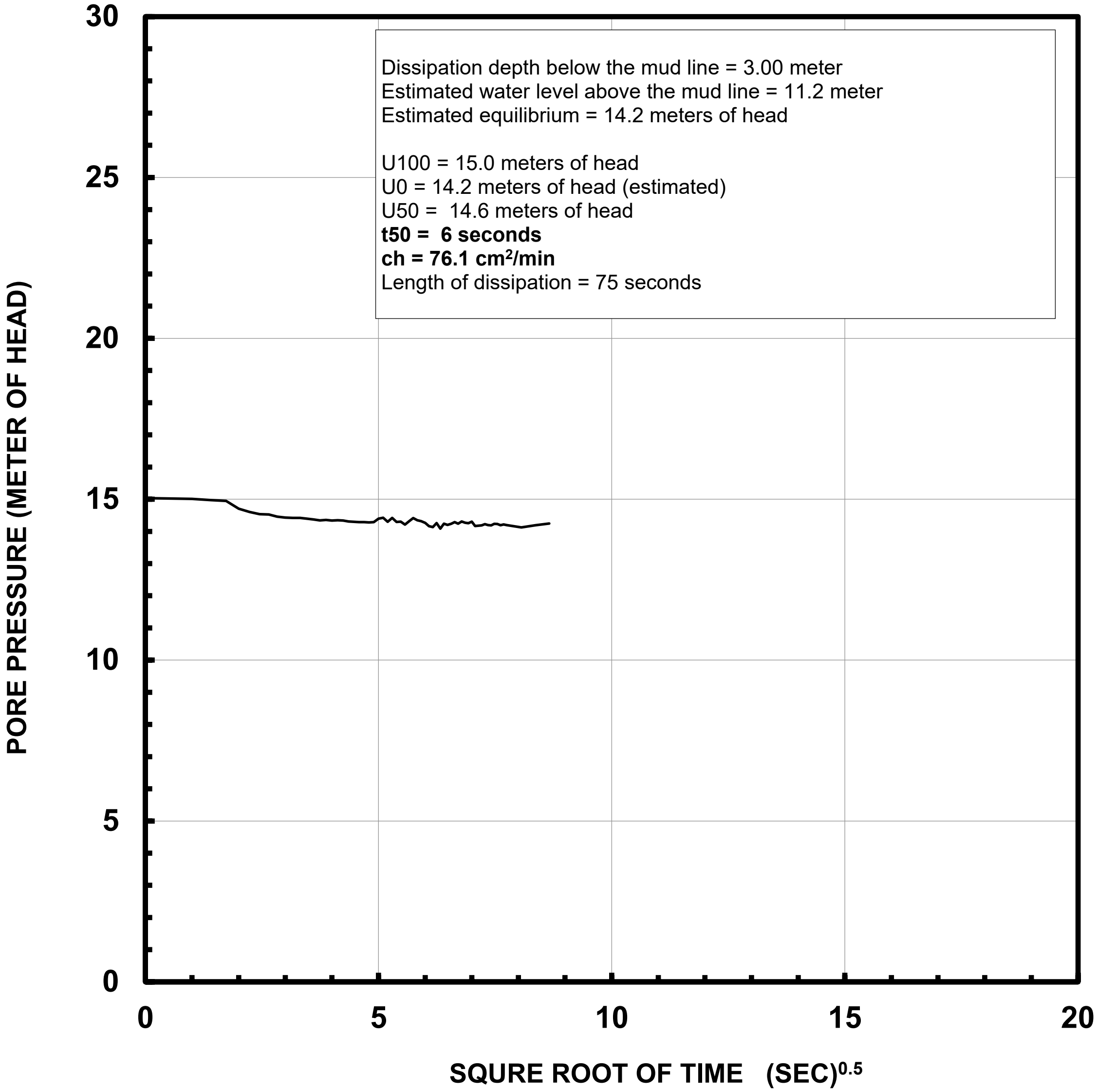
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 06
21.18 METER DEPTH
JULY 1, 2023



ORANO

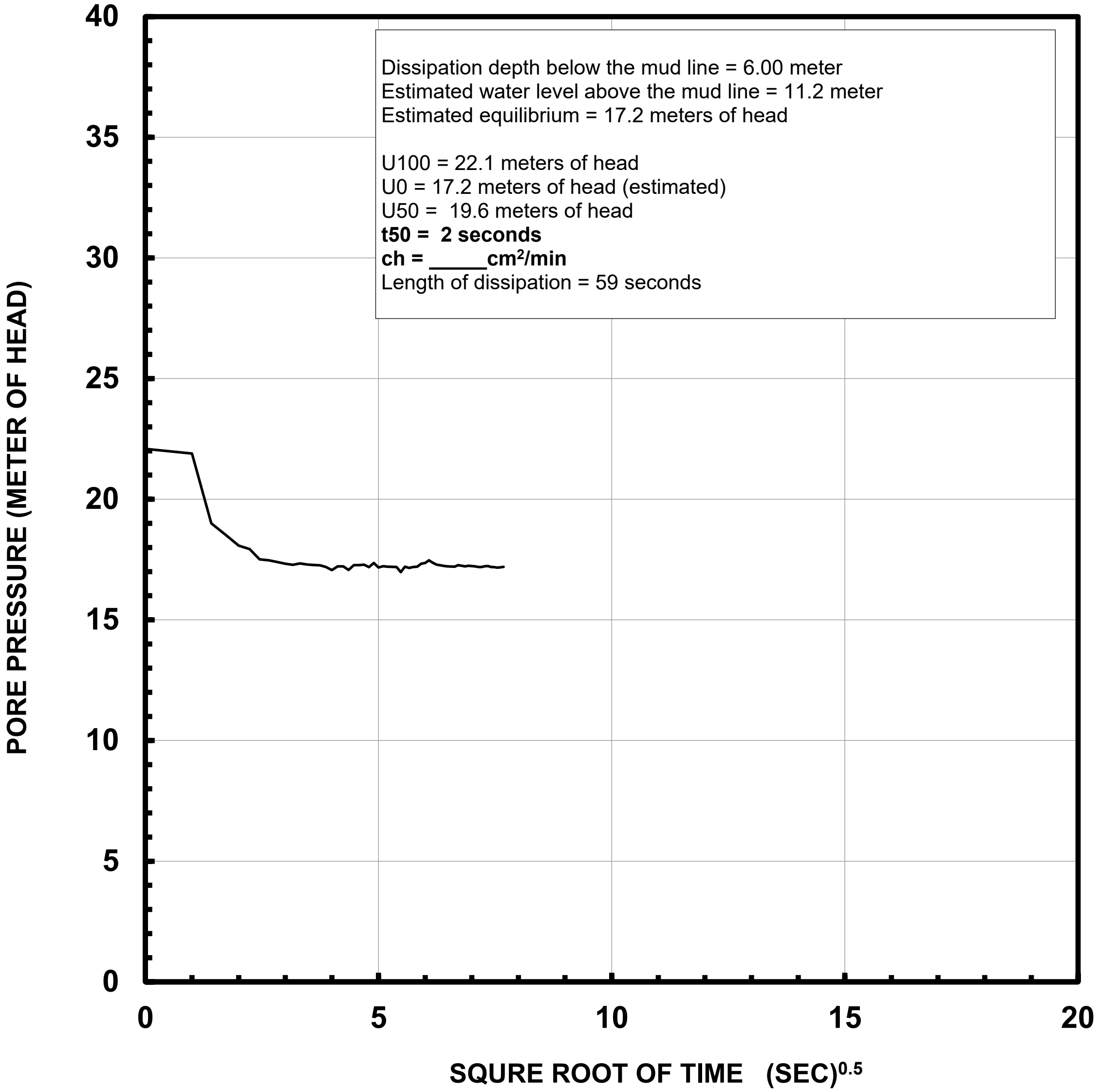
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
3.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

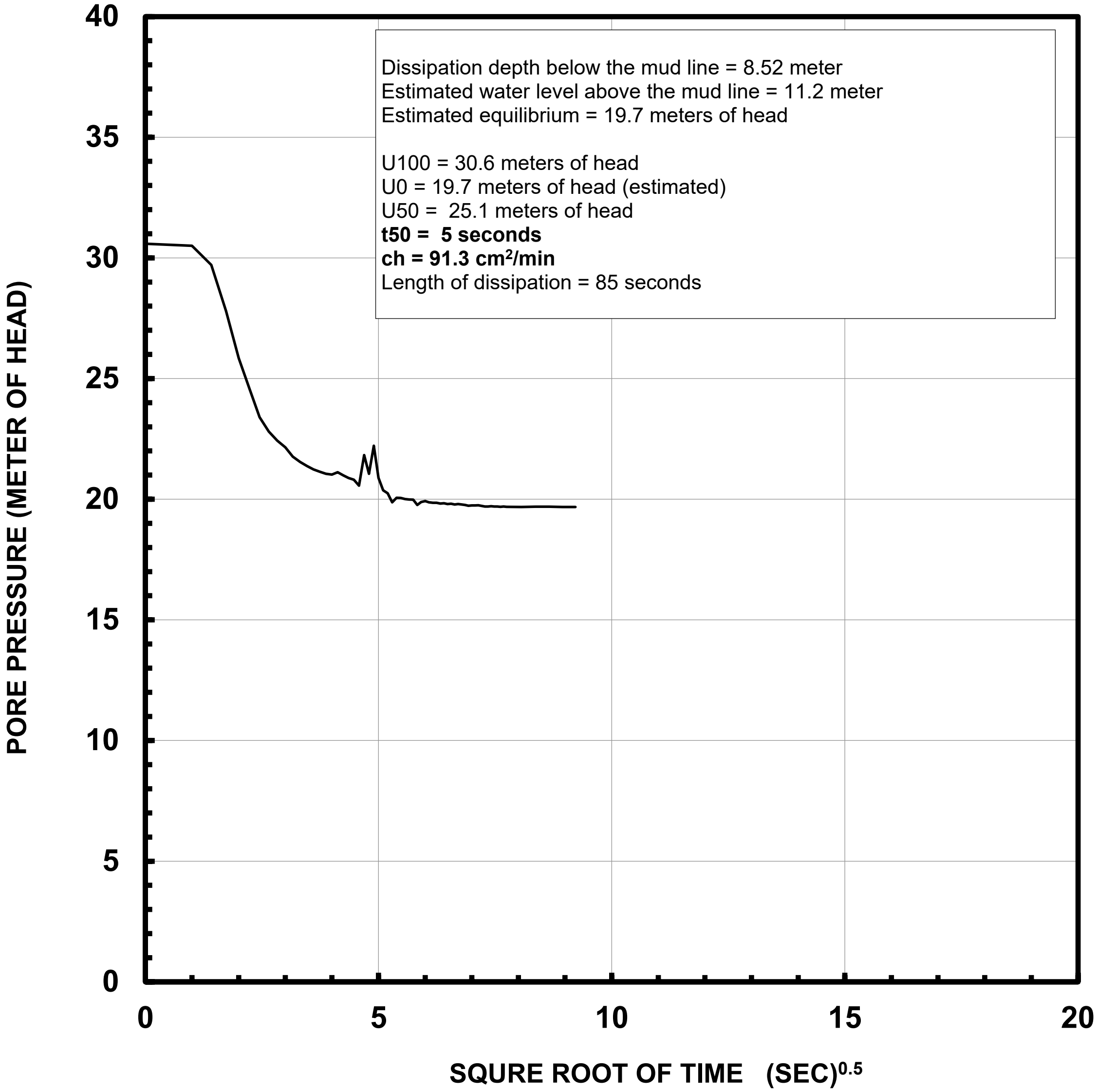
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
6.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

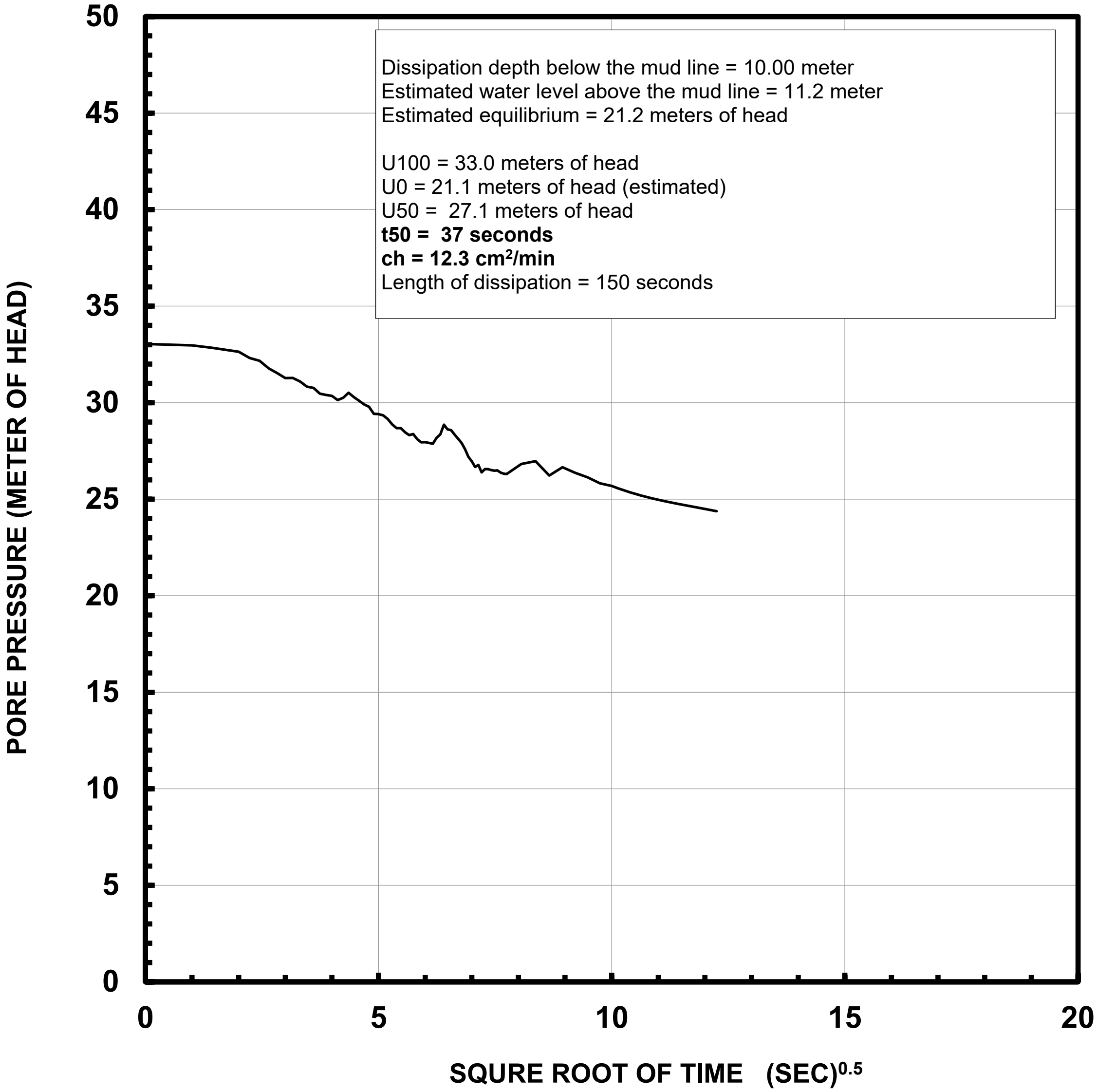
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
8.52 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

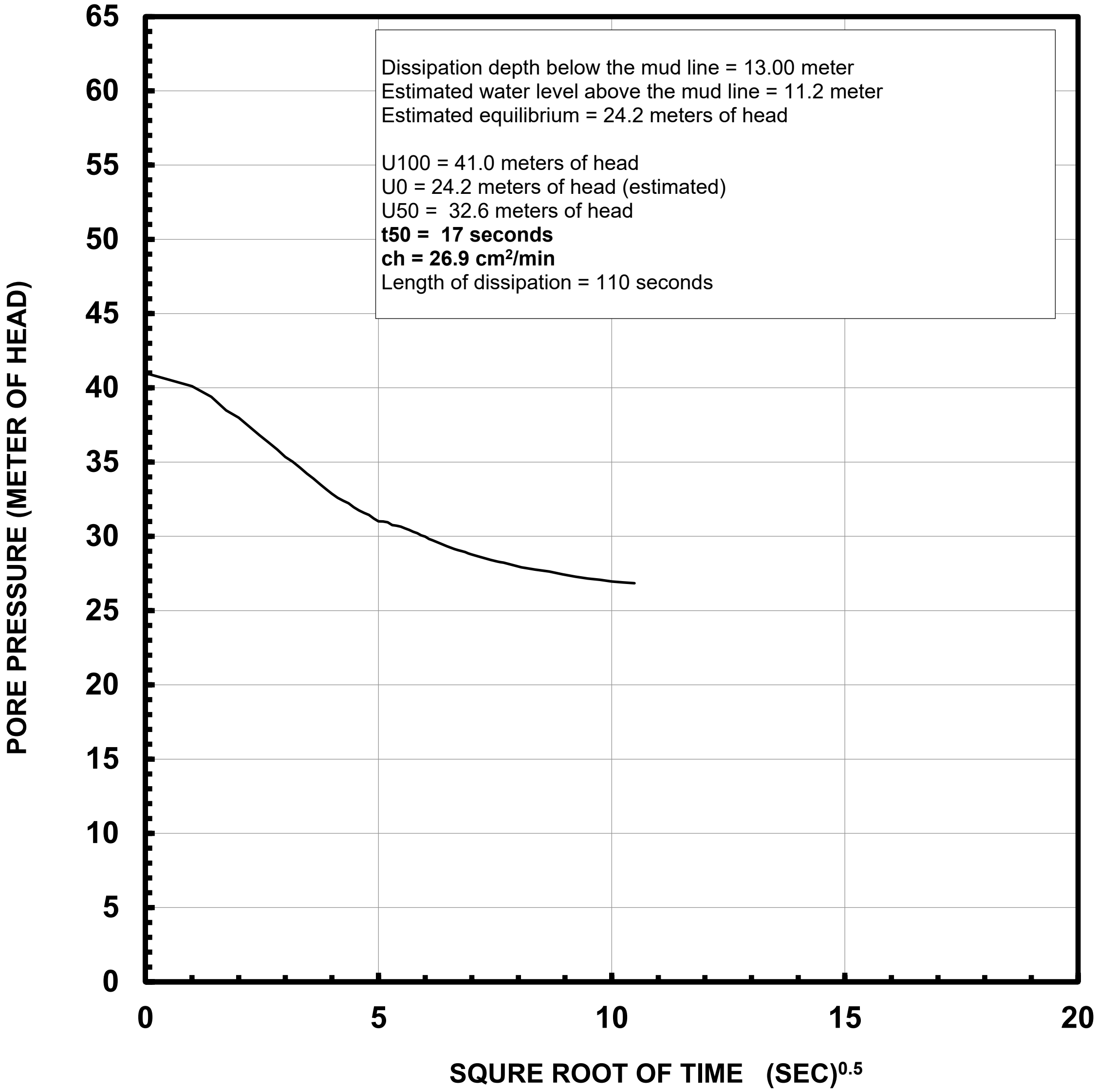
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
10.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

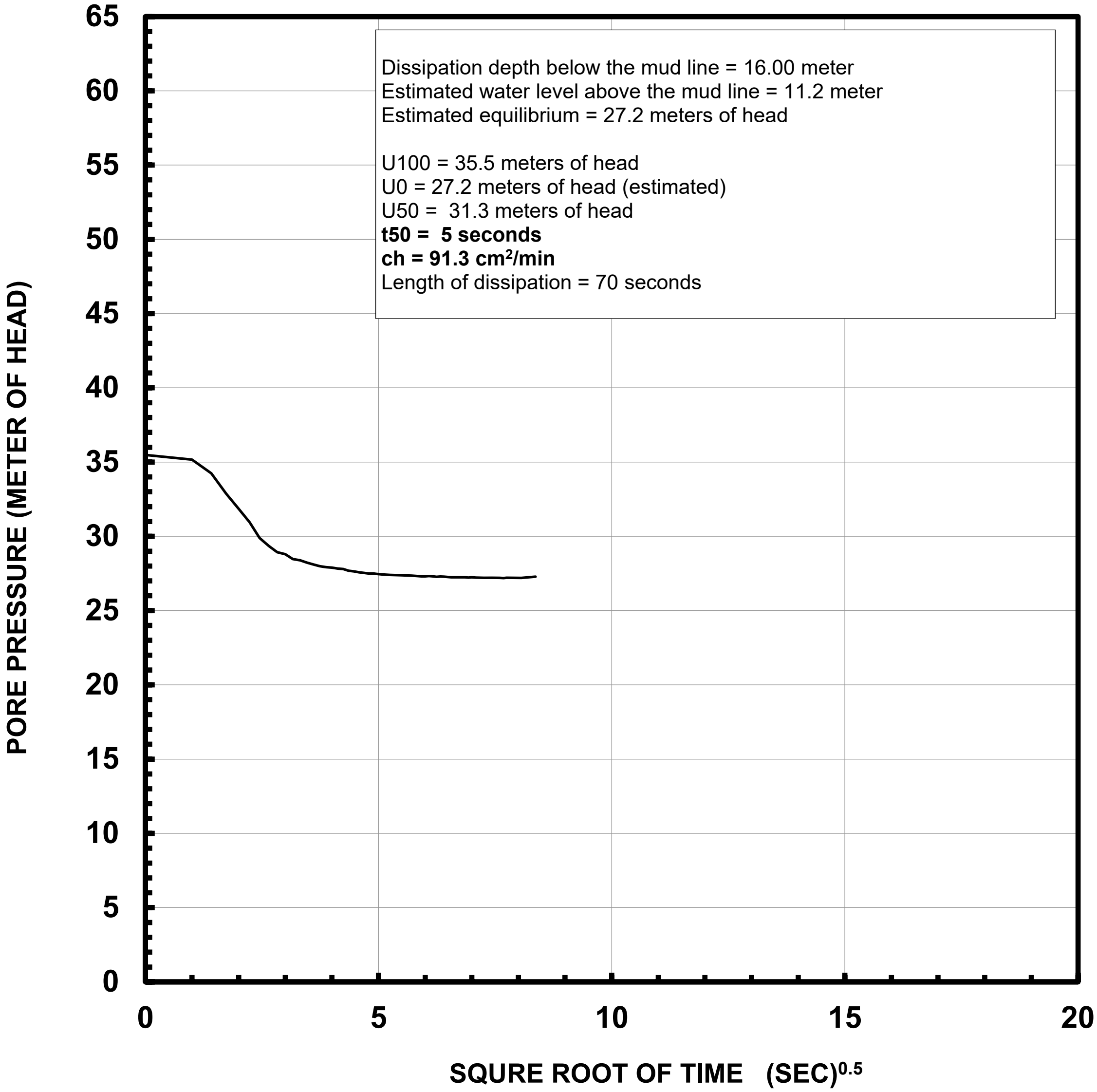
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
13.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

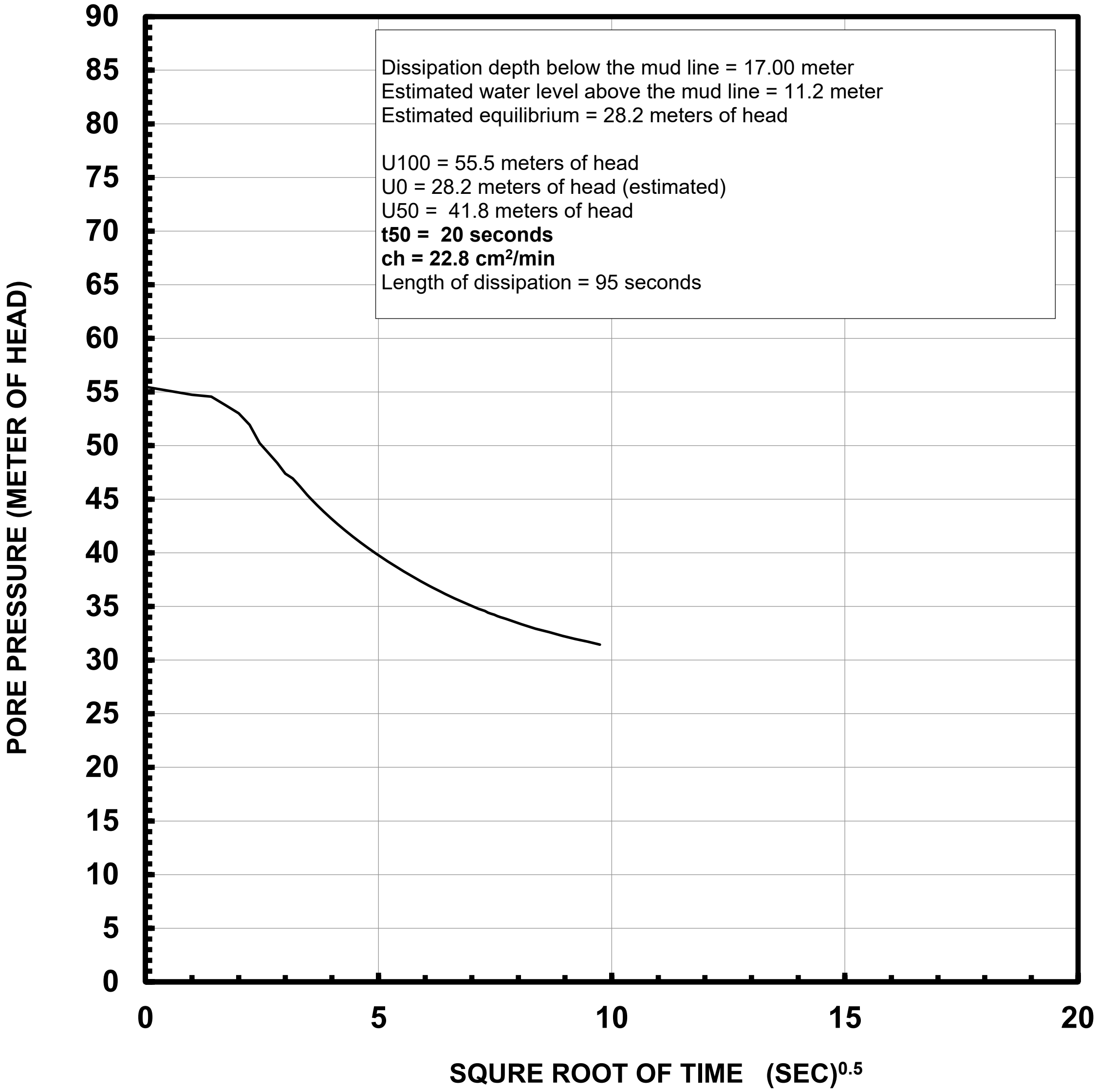
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
16.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

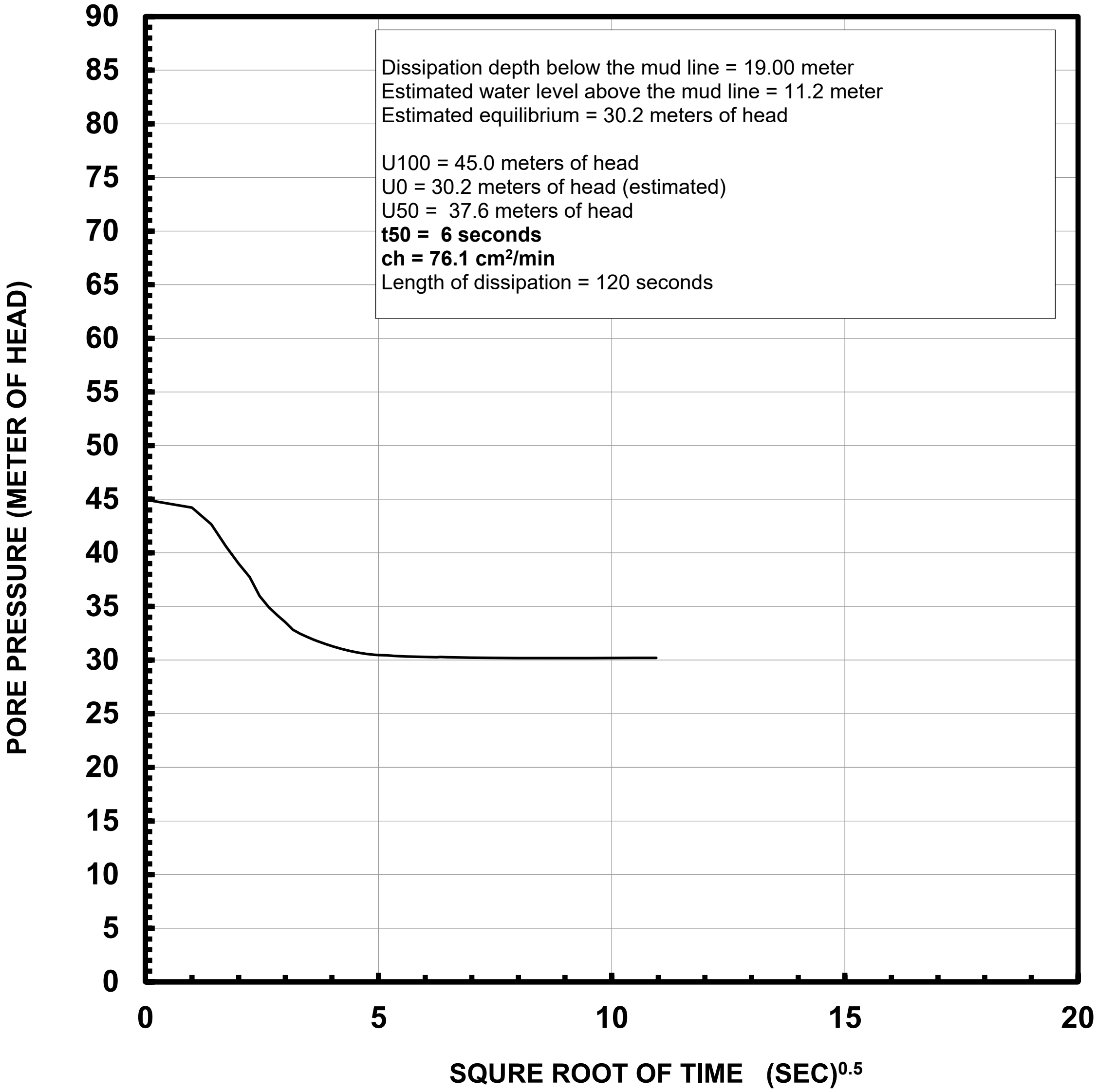
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
17.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

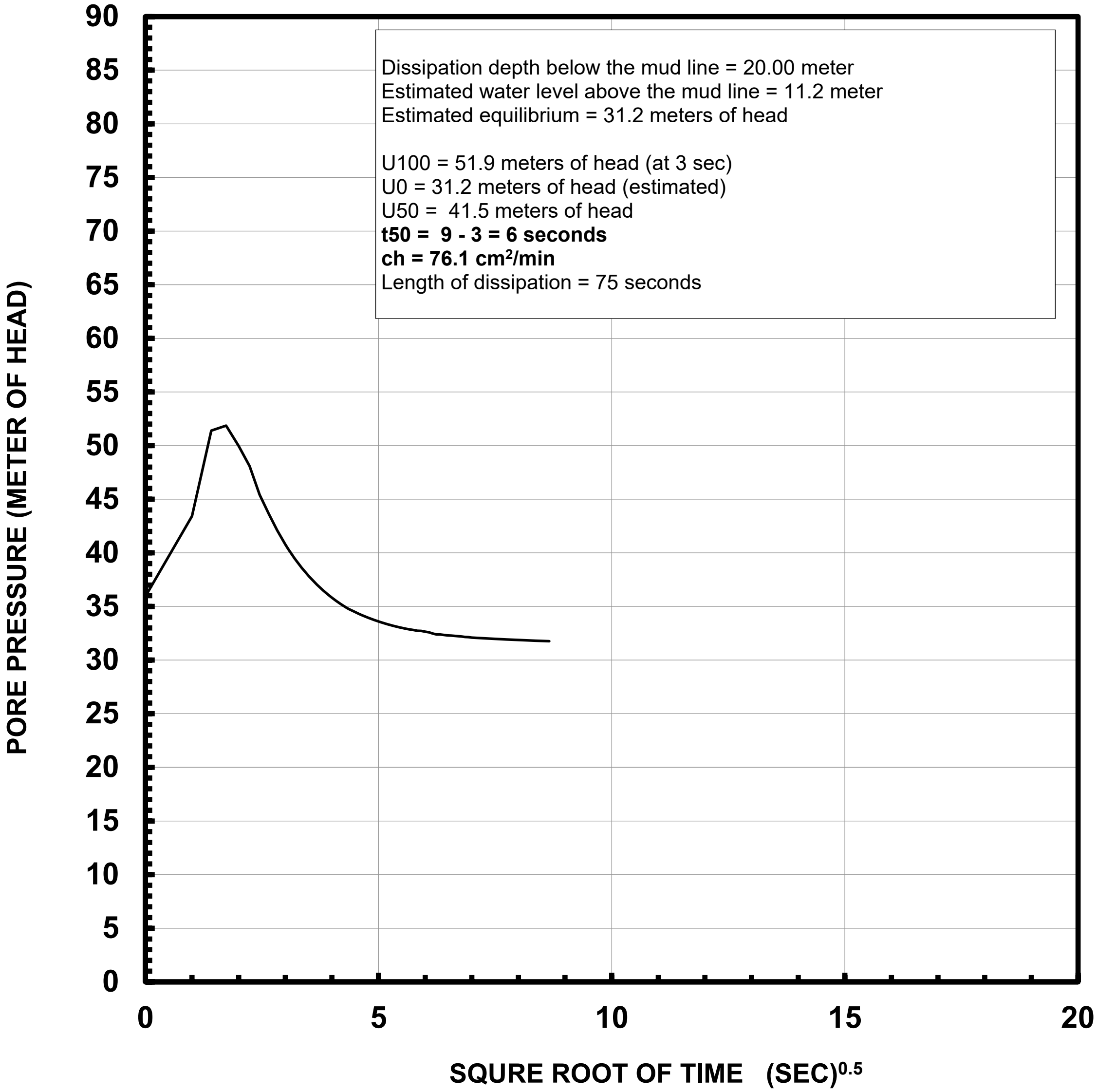
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
19.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

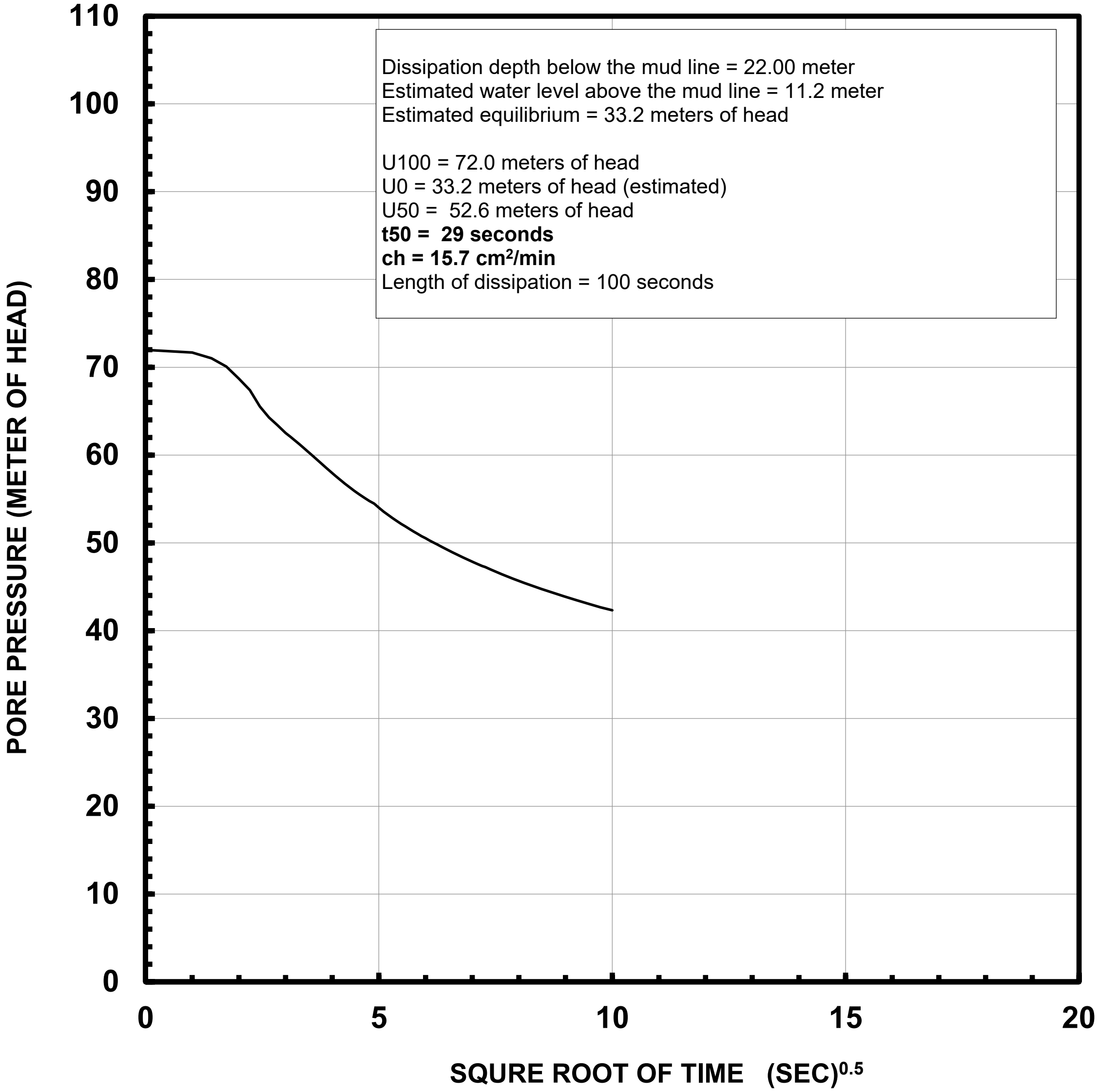
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
20.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

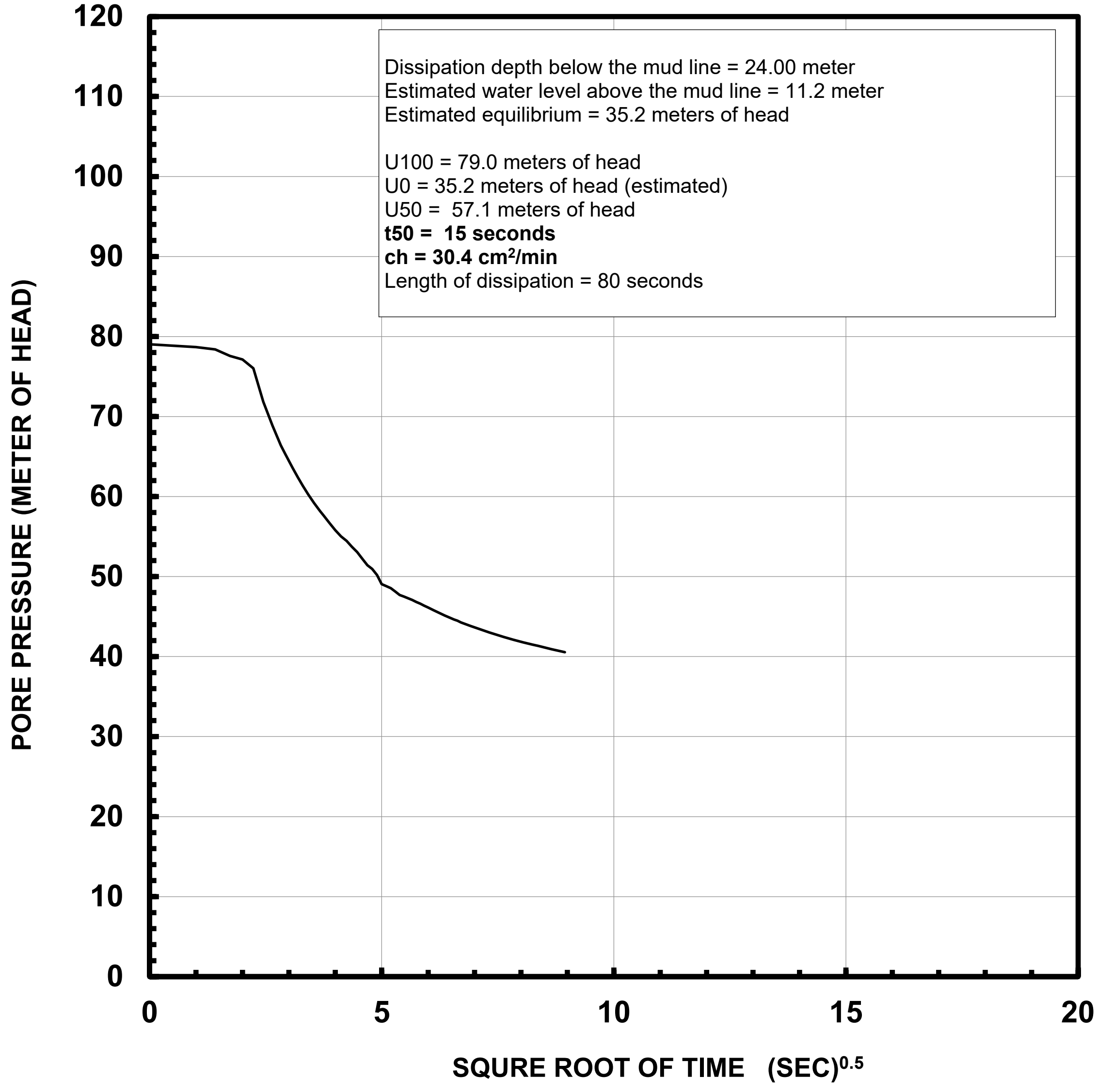
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
22.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

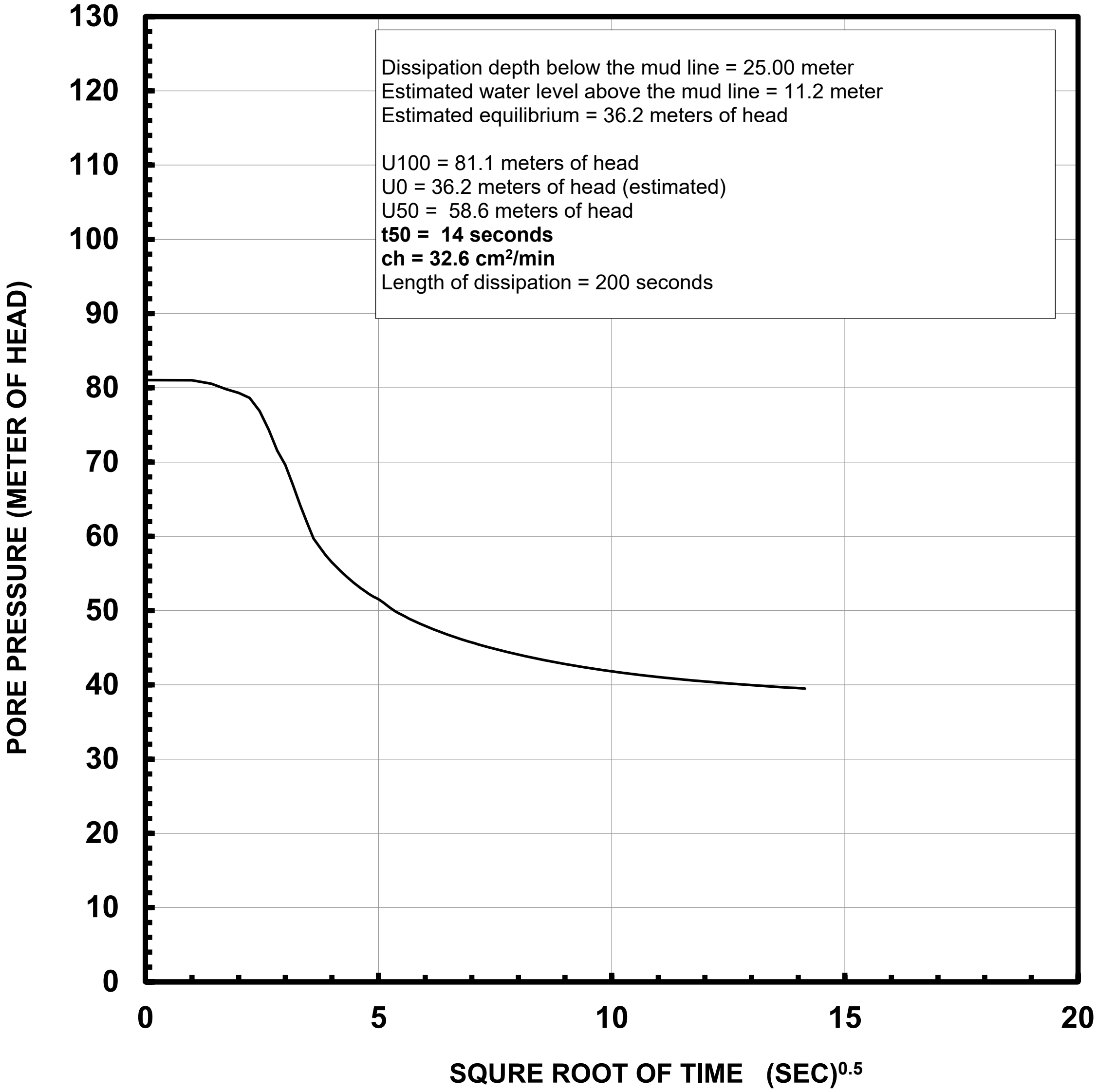
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
24.00 METER DEPTH
JUNE 28, 2023



Schwartz
SOIL TECH

ORANO

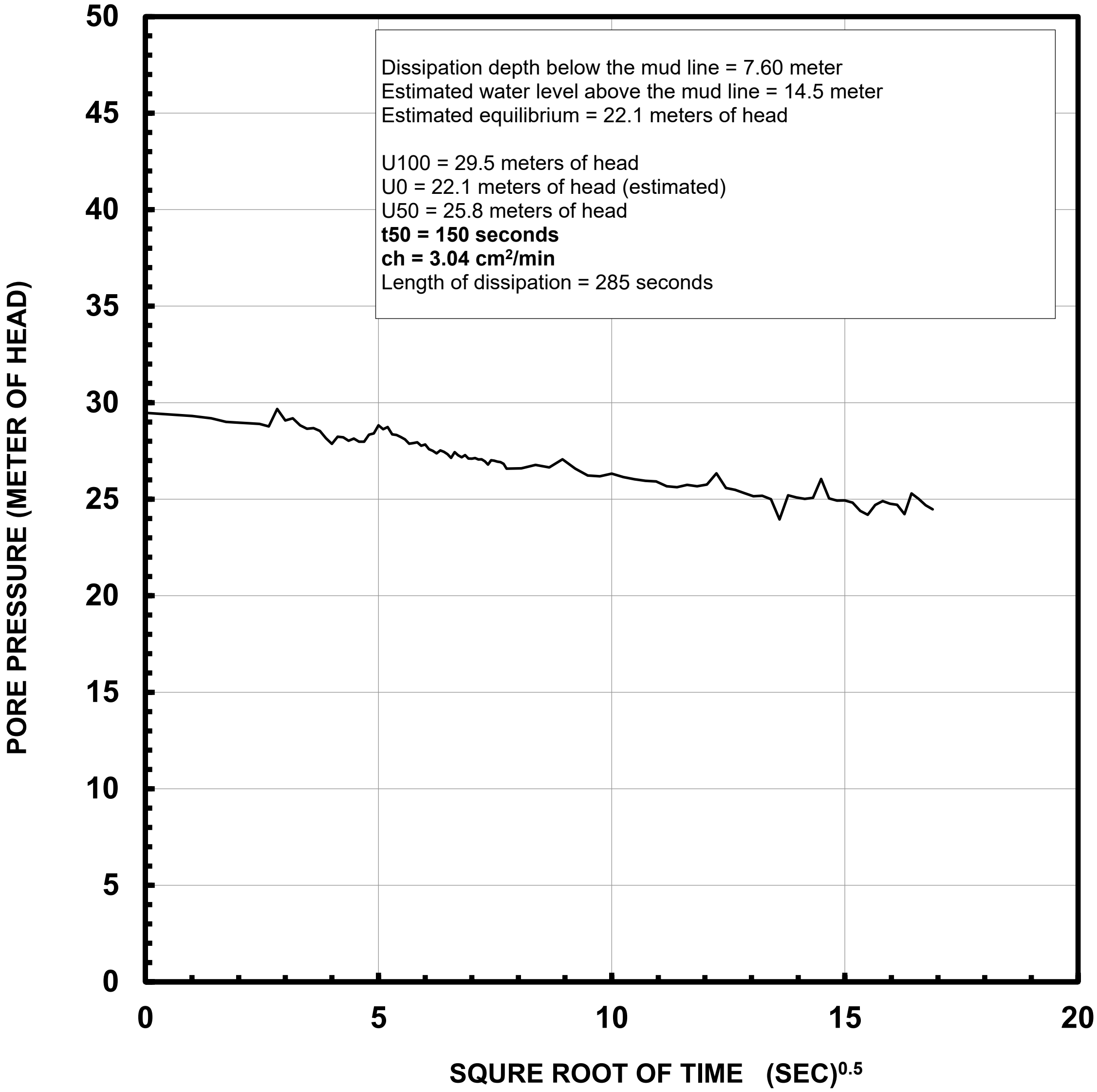
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 07
25.00 METER DEPTH
JUNE 28, 2023



Schwartz SOIL TECH

ORANO

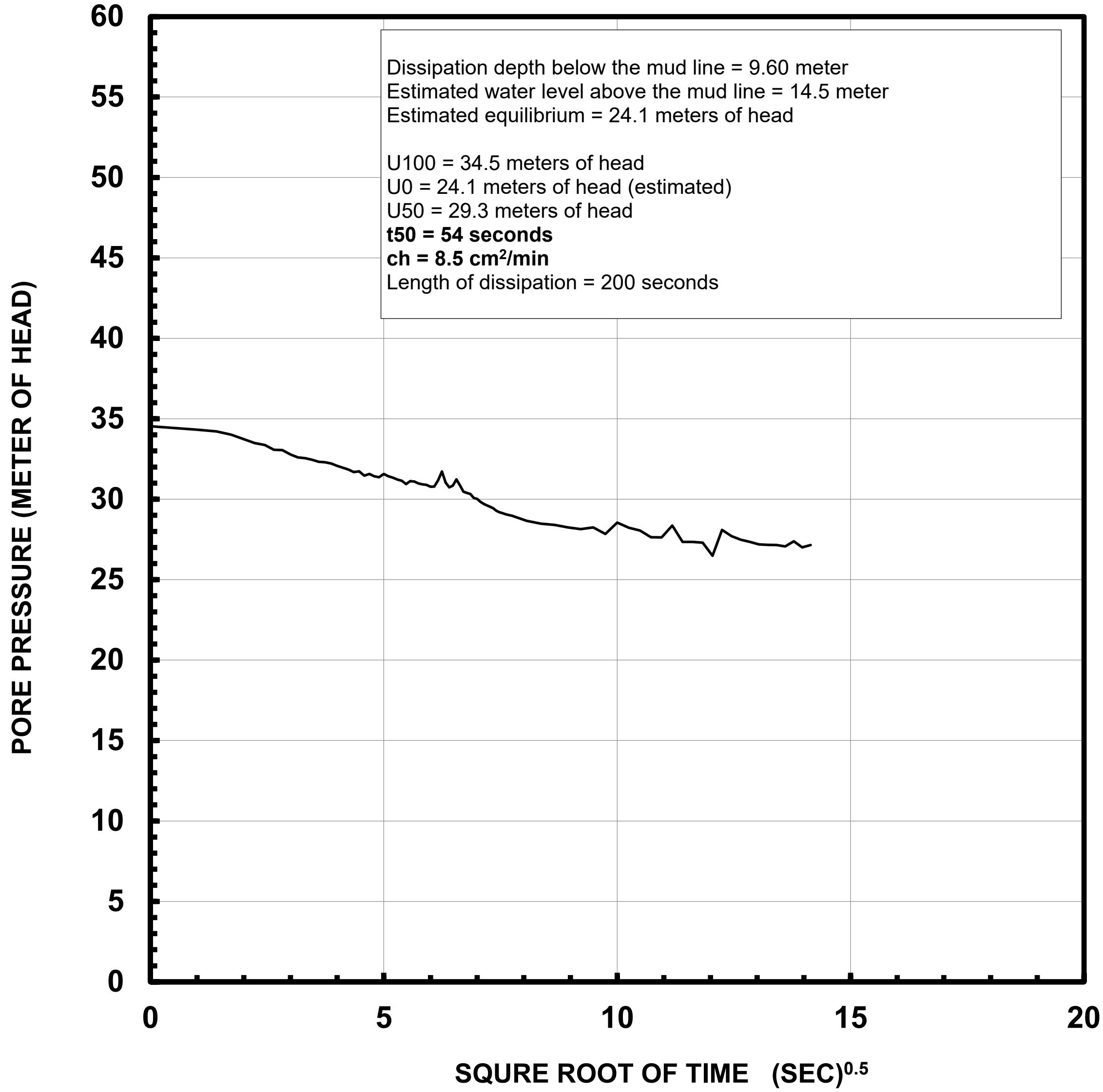
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 09
7.60 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

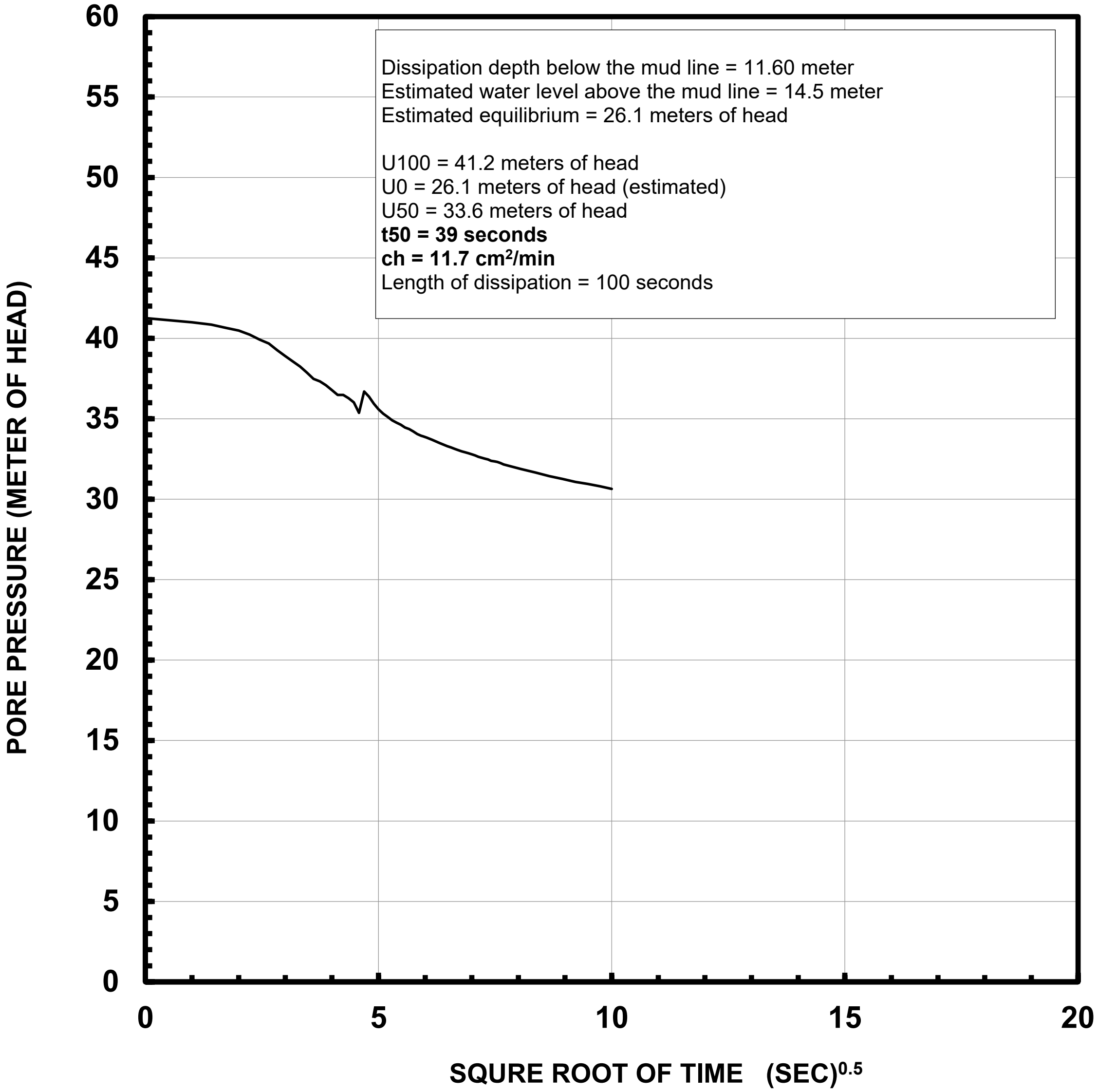
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 09
9.60 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

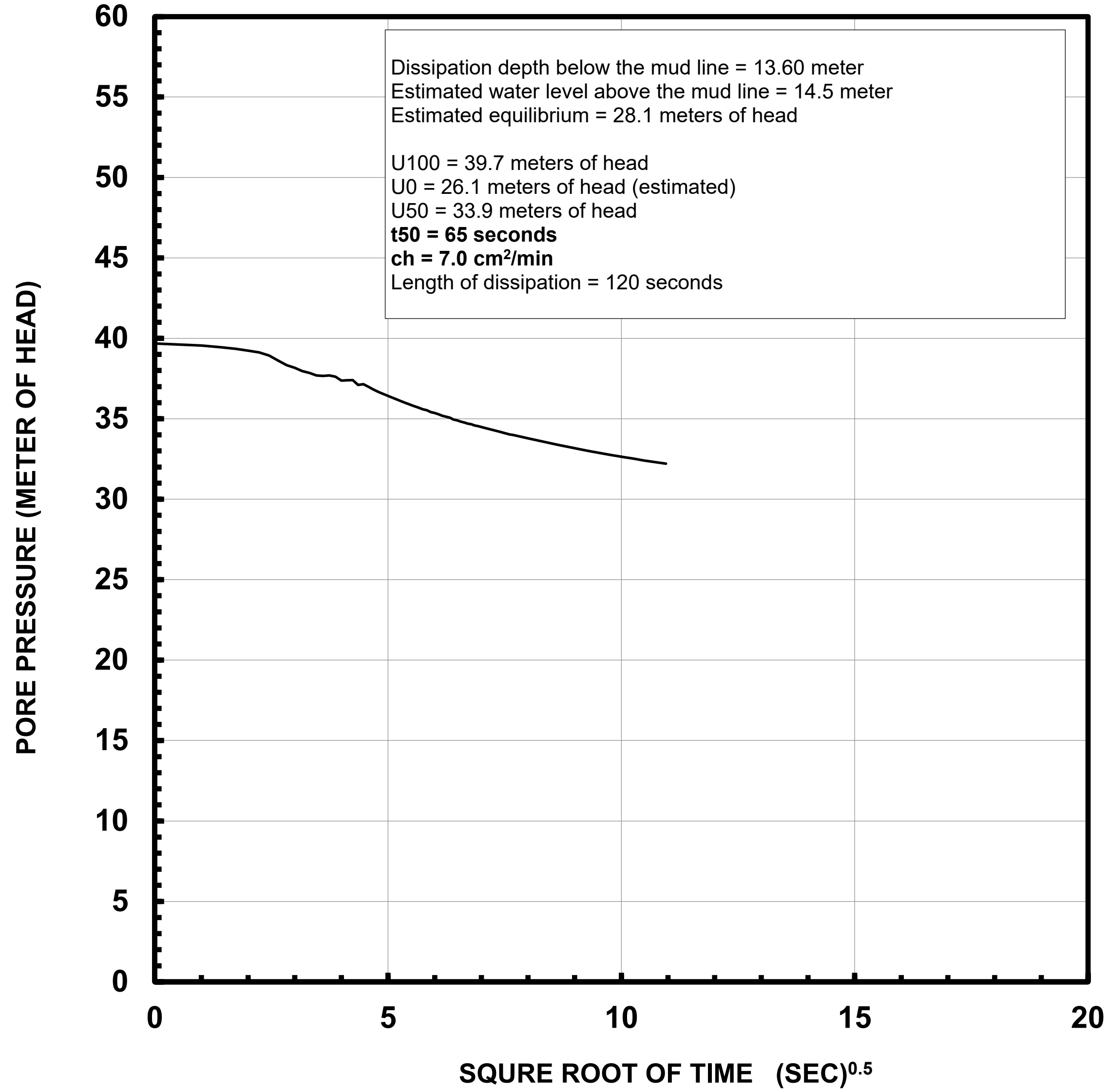
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 09
11.60 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

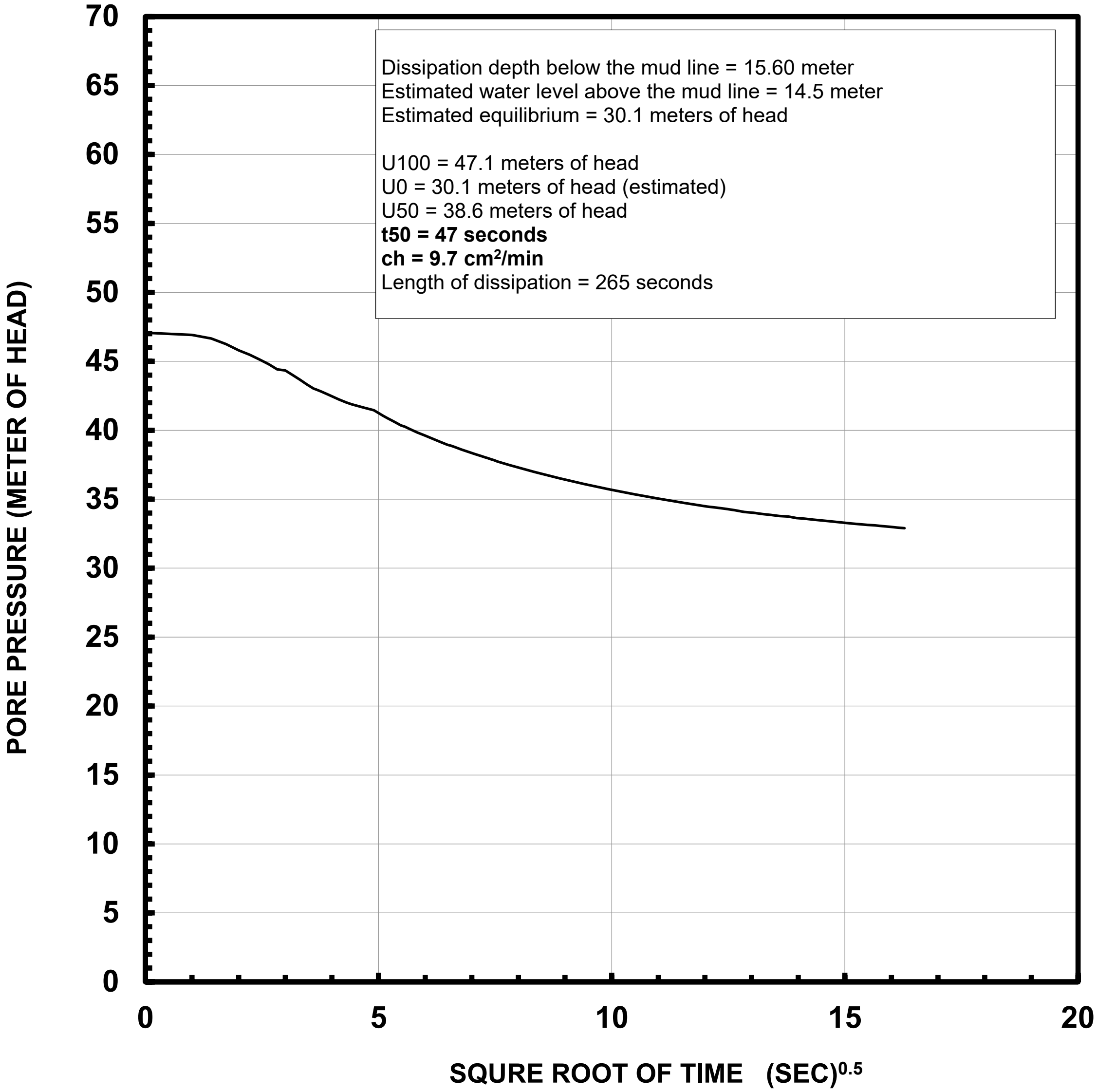
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 09
13.60 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

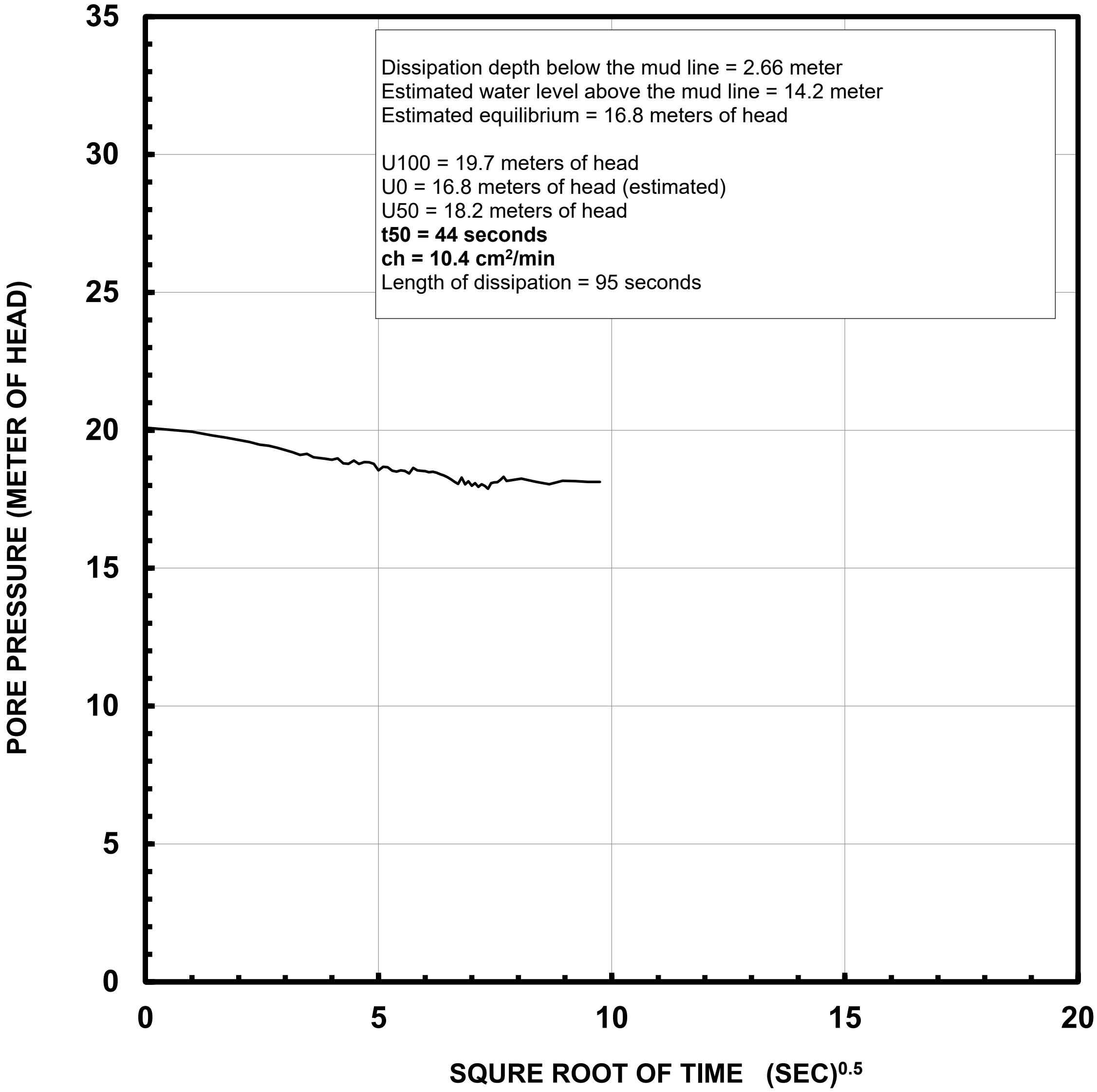
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 09
15.60 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

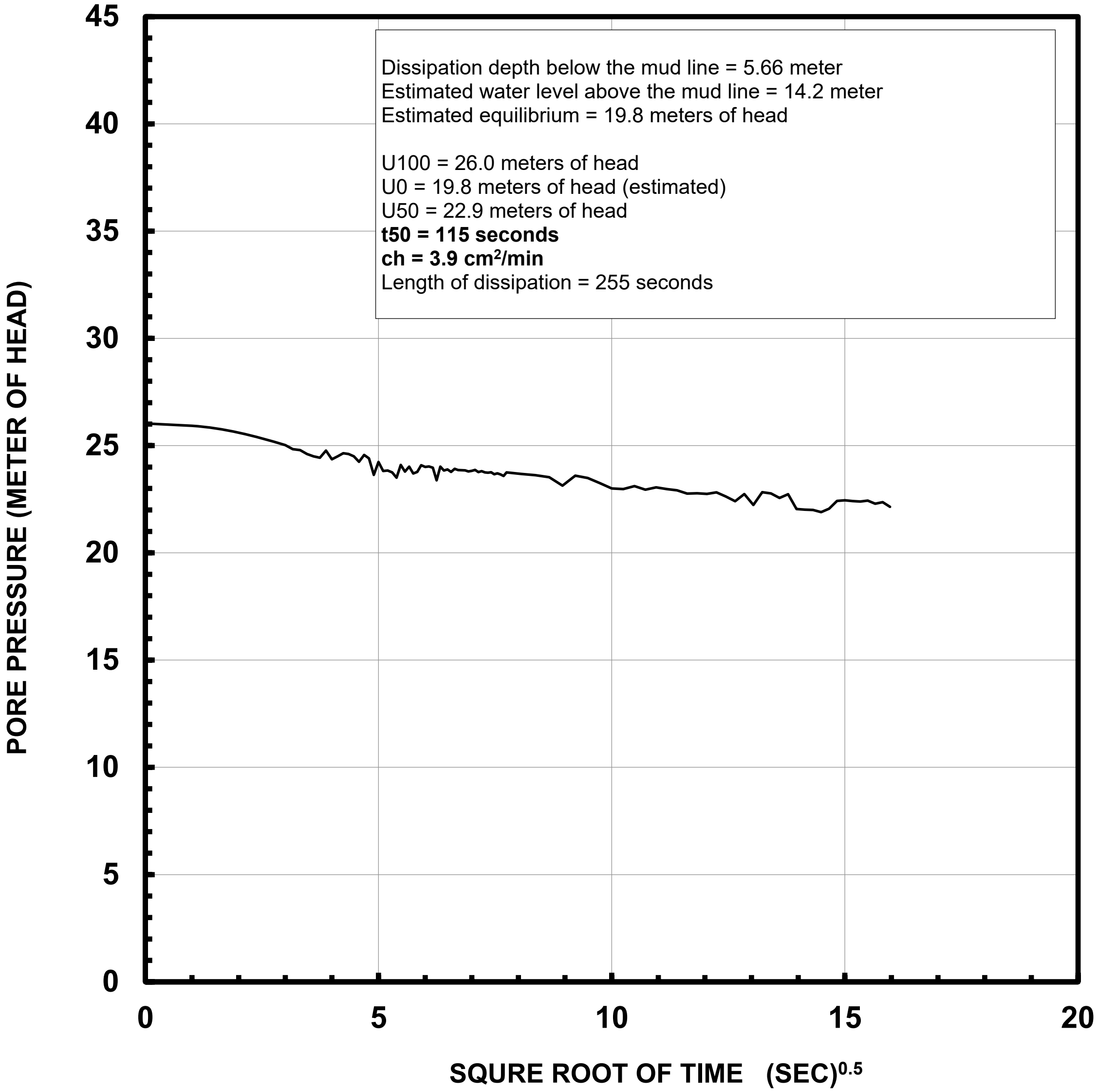
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
2.66 METER DEPTH
JUNE 26, 2023



ORANO

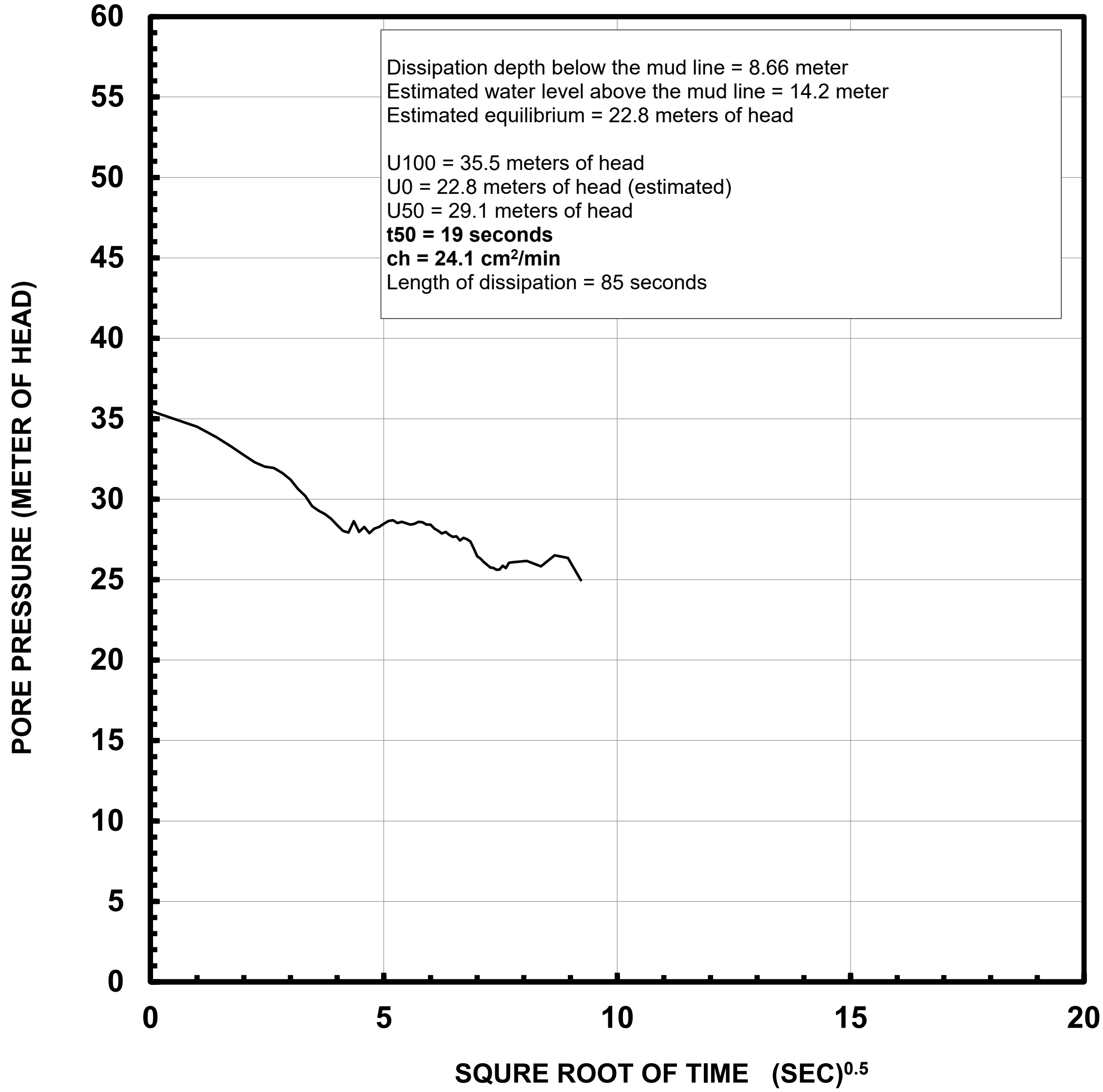
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
5.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

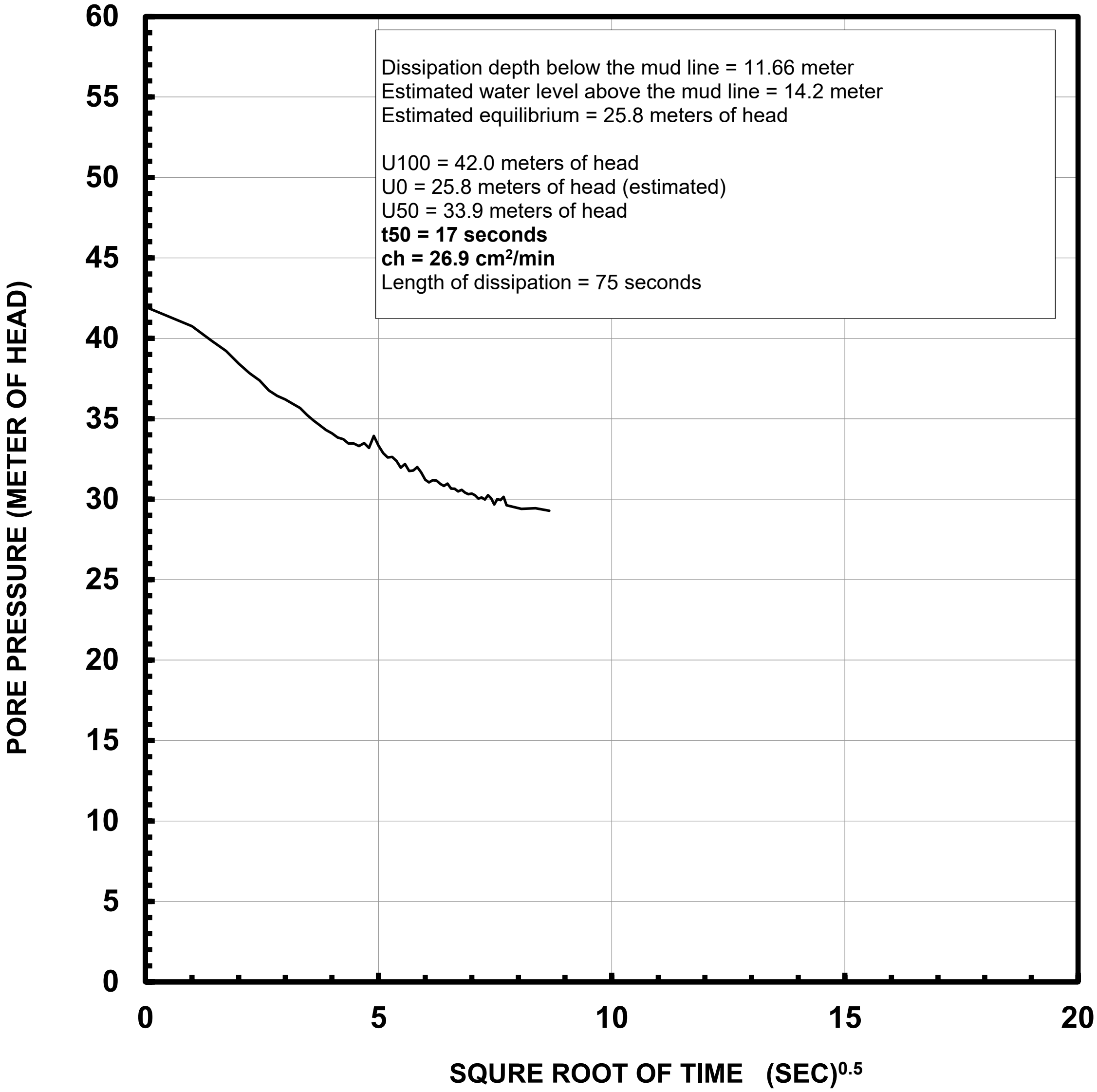
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
8.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

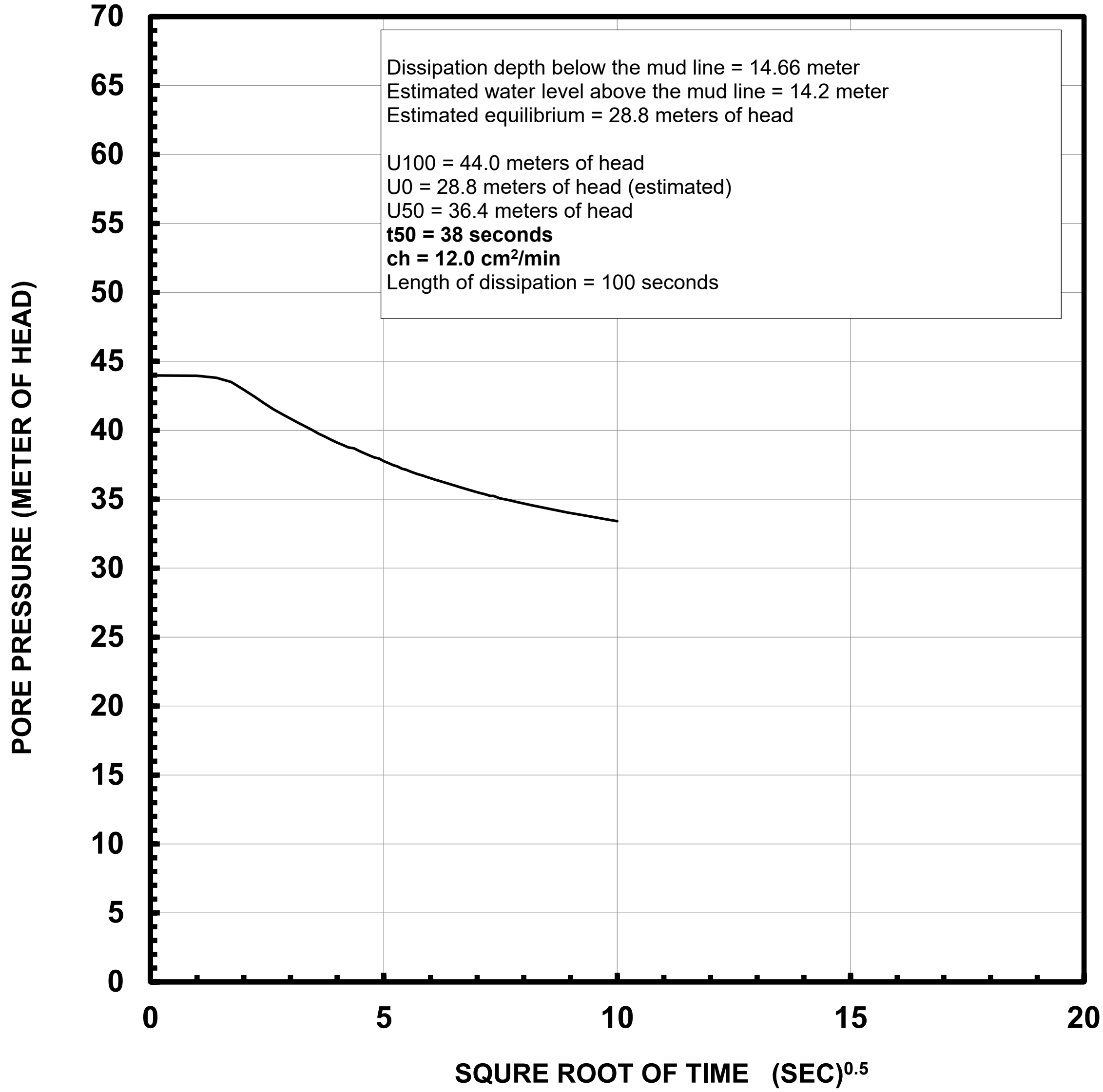
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
11.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

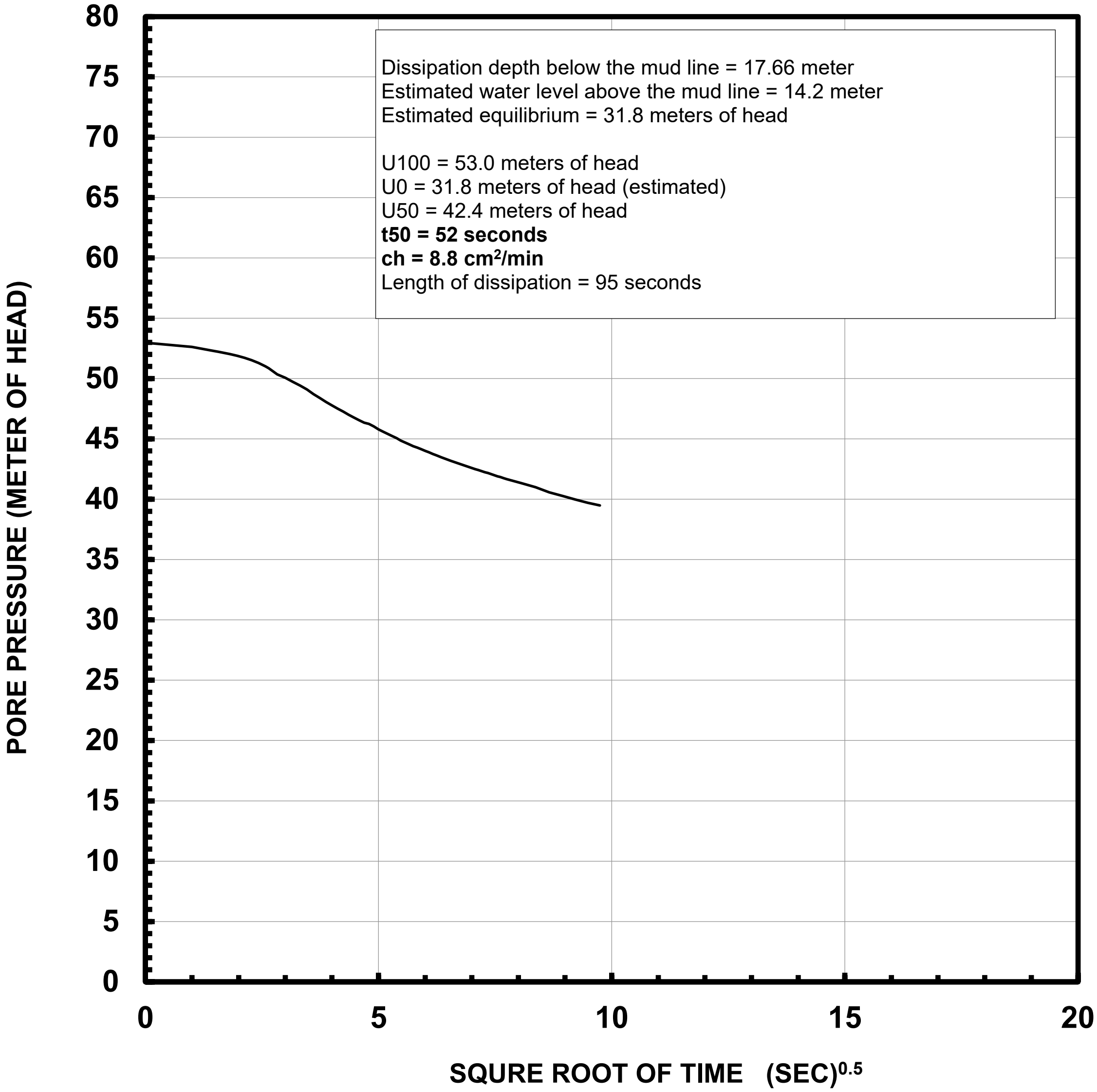
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
14.66 METER DEPTH
JUNE 26, 2023



ORANO

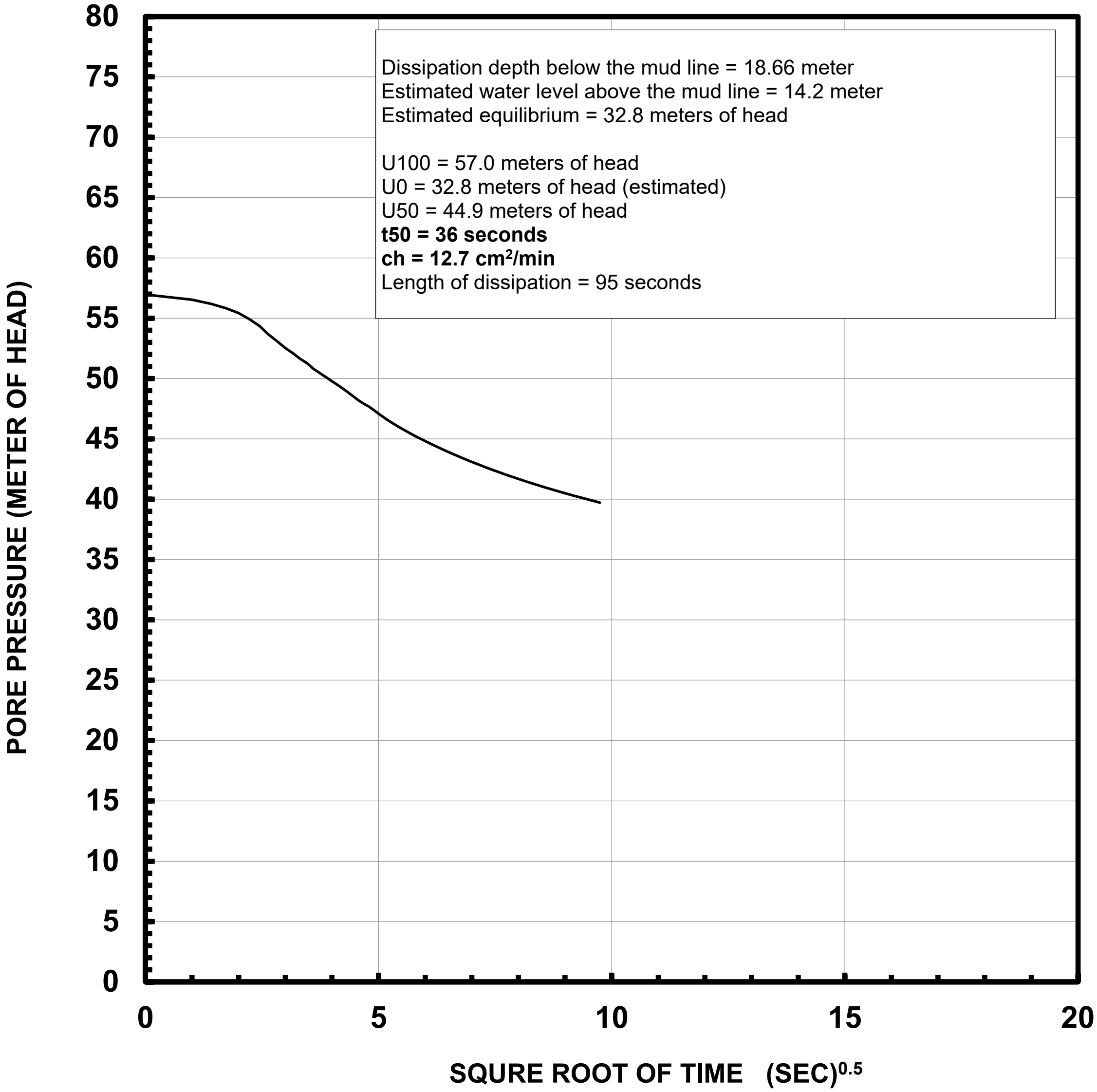
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
17.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

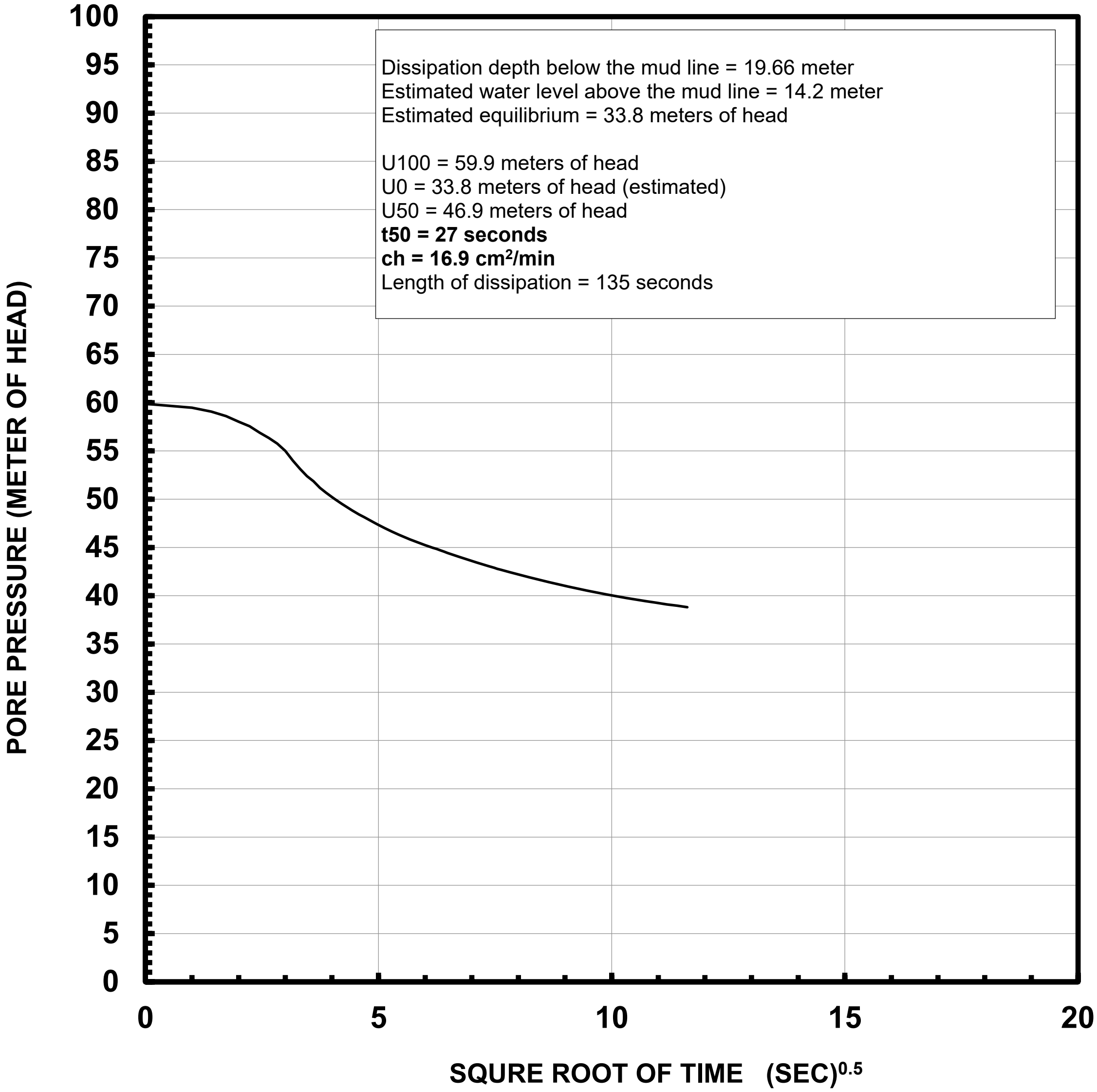
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
18.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

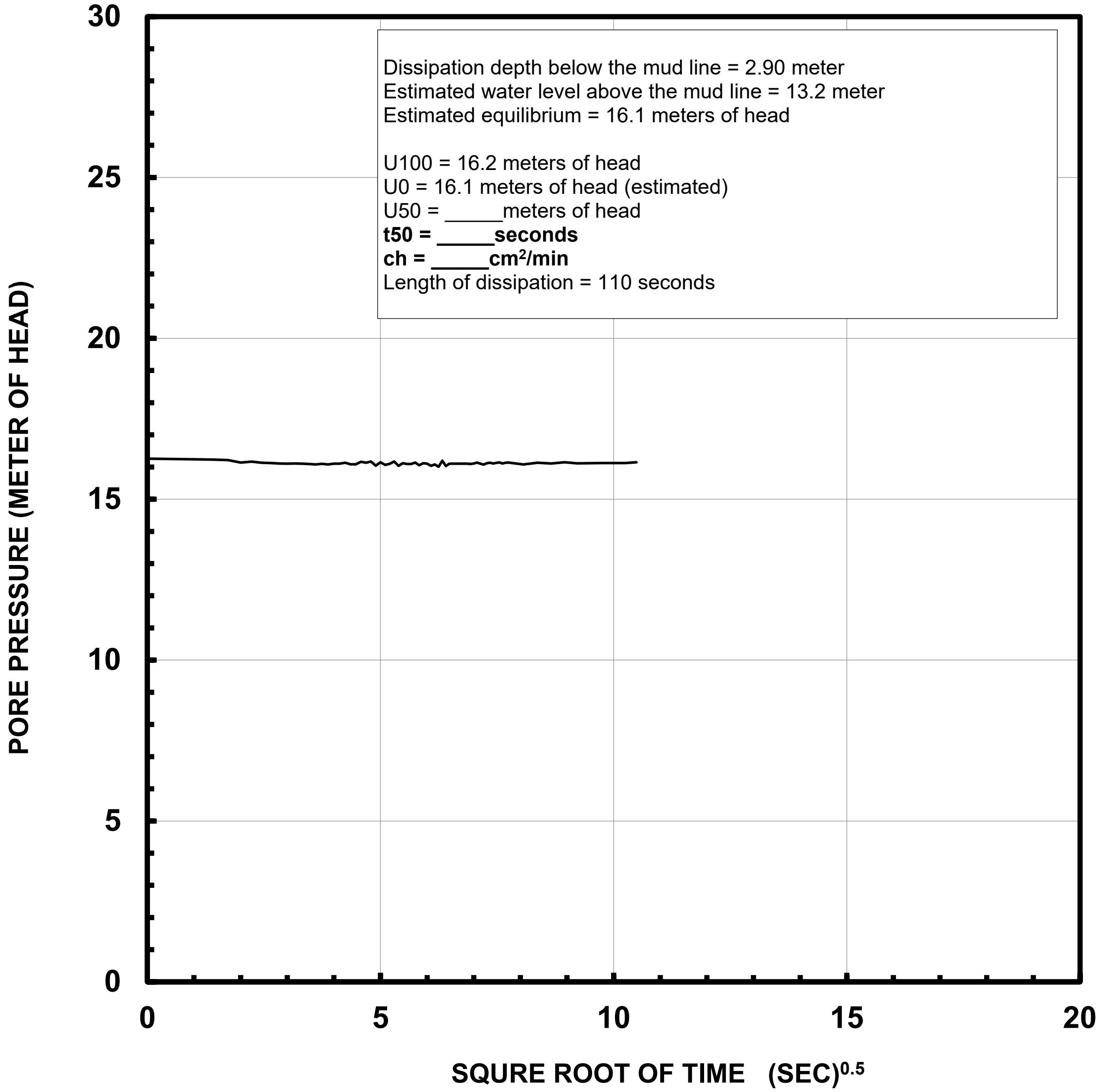
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 10
19.66 METER DEPTH
JUNE 26, 2023



Schwartz SOIL TECH

ORANO

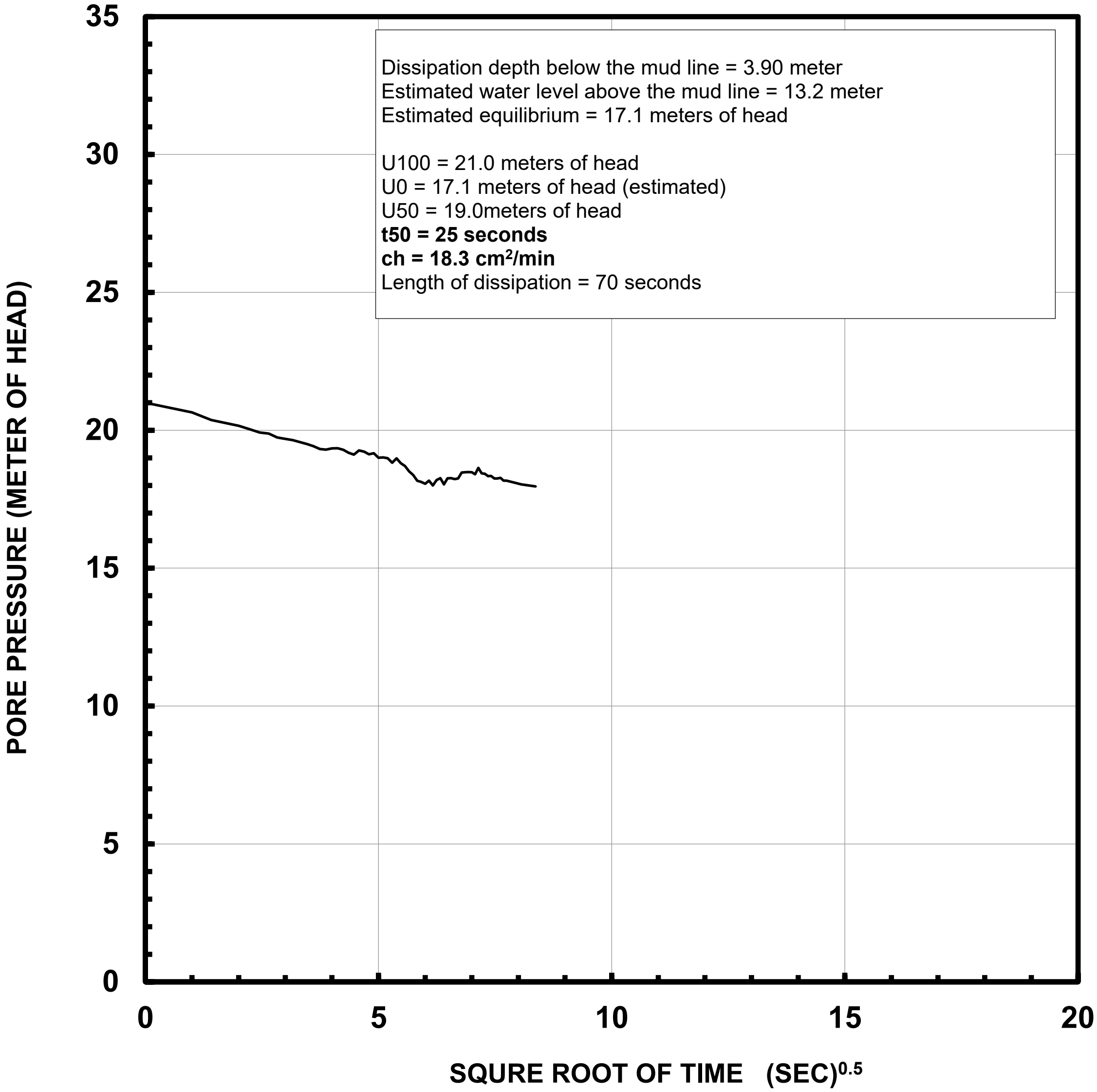
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
2.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

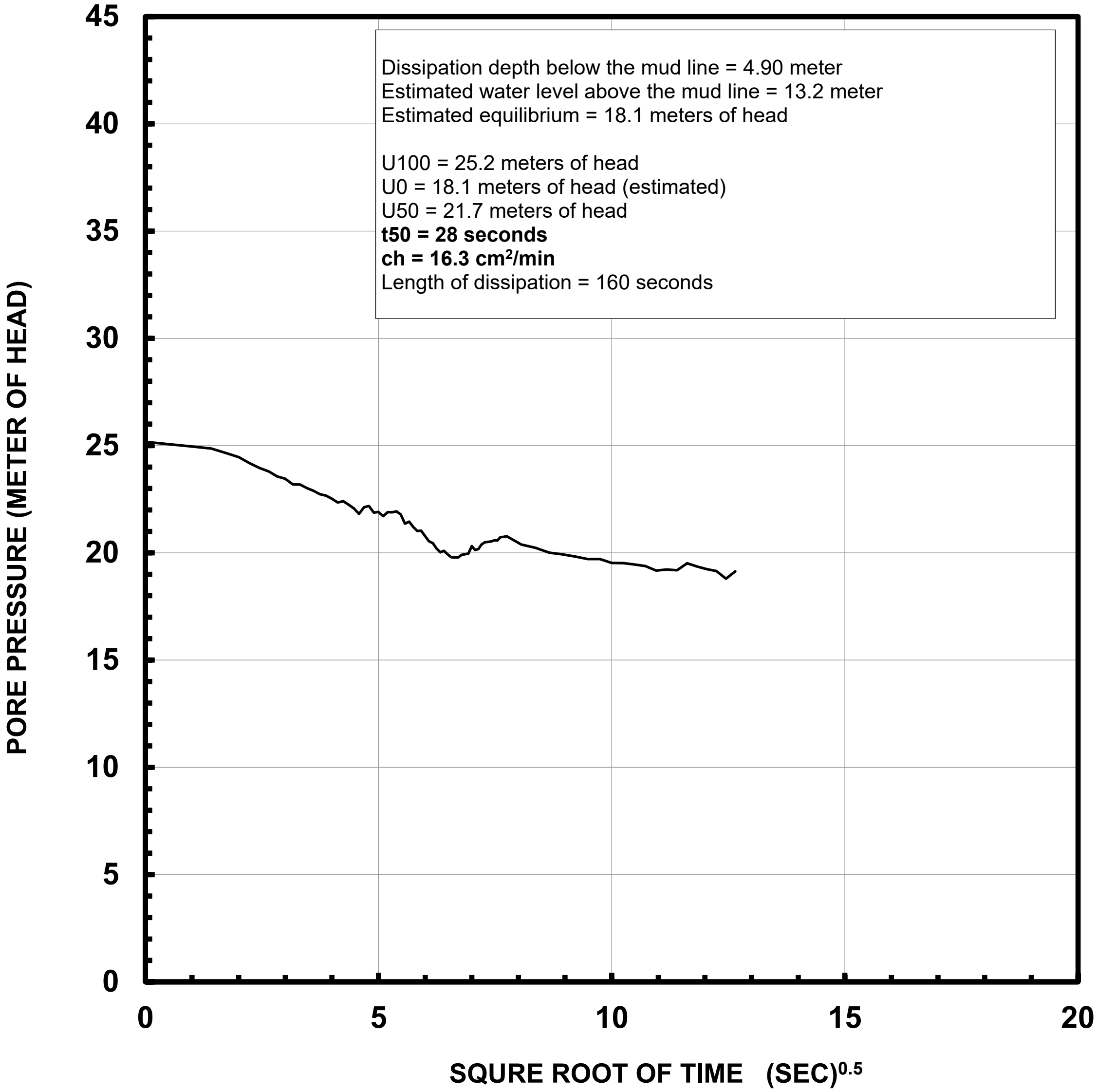
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
3.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

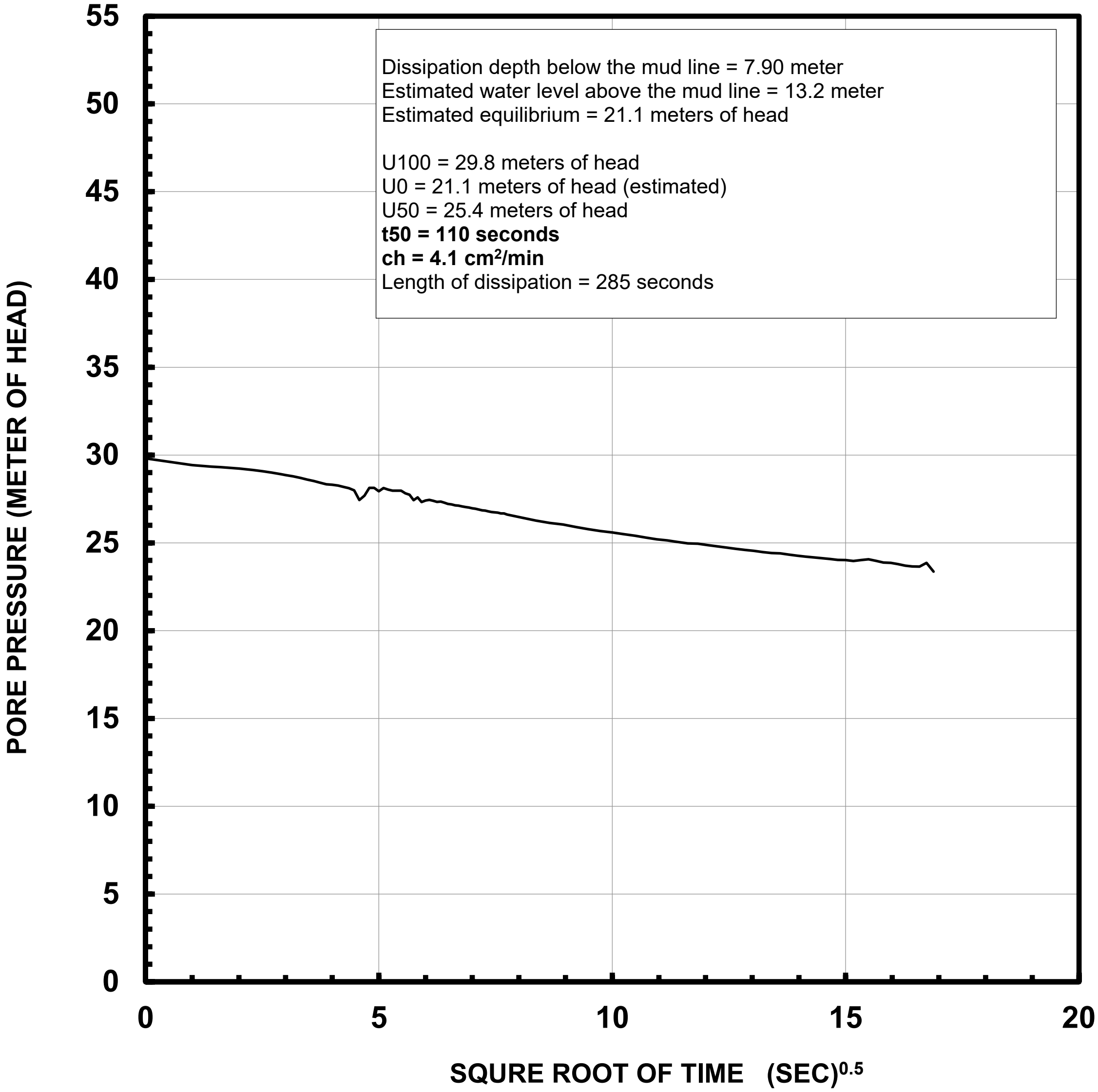
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
4.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

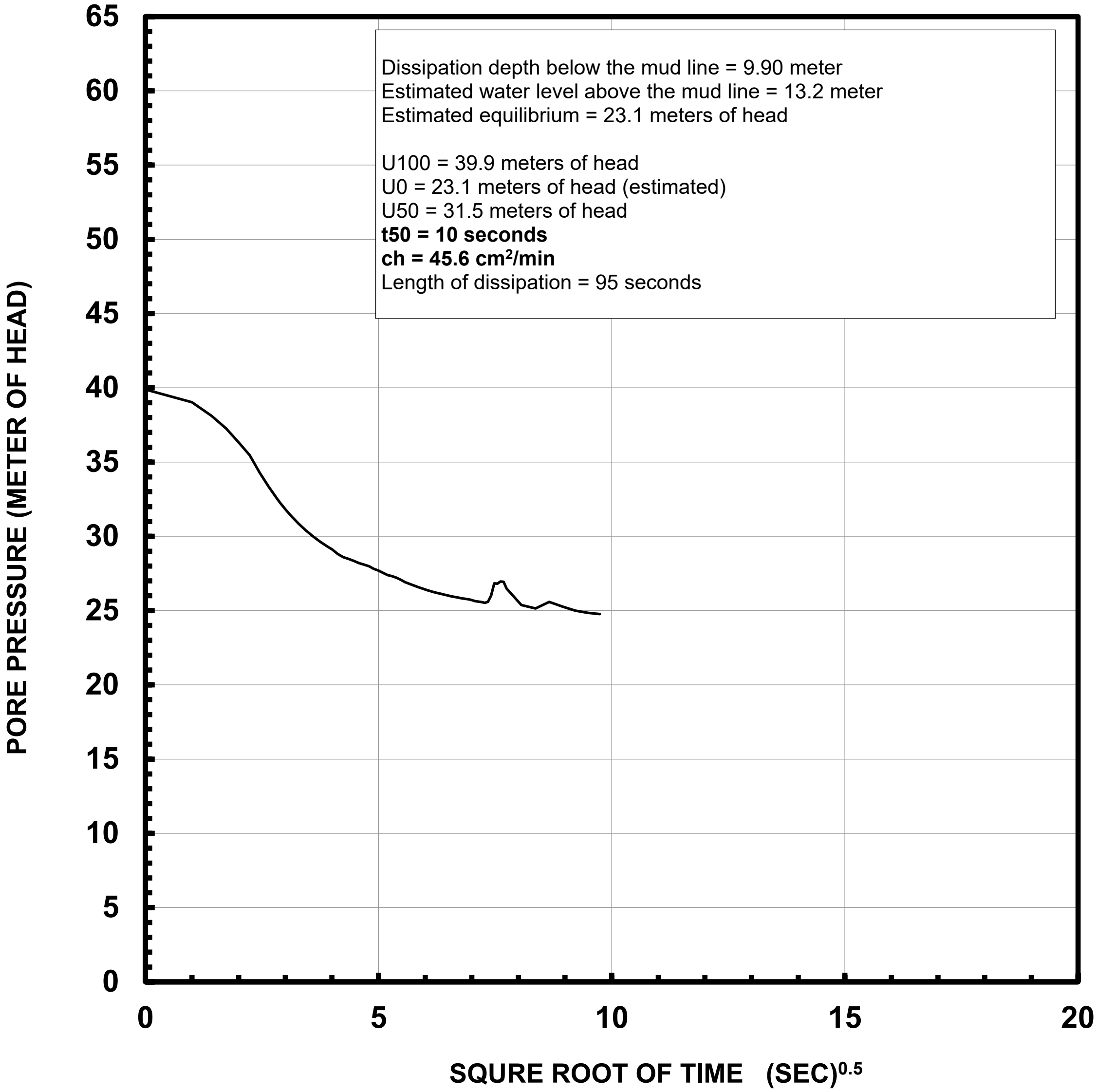
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
7.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

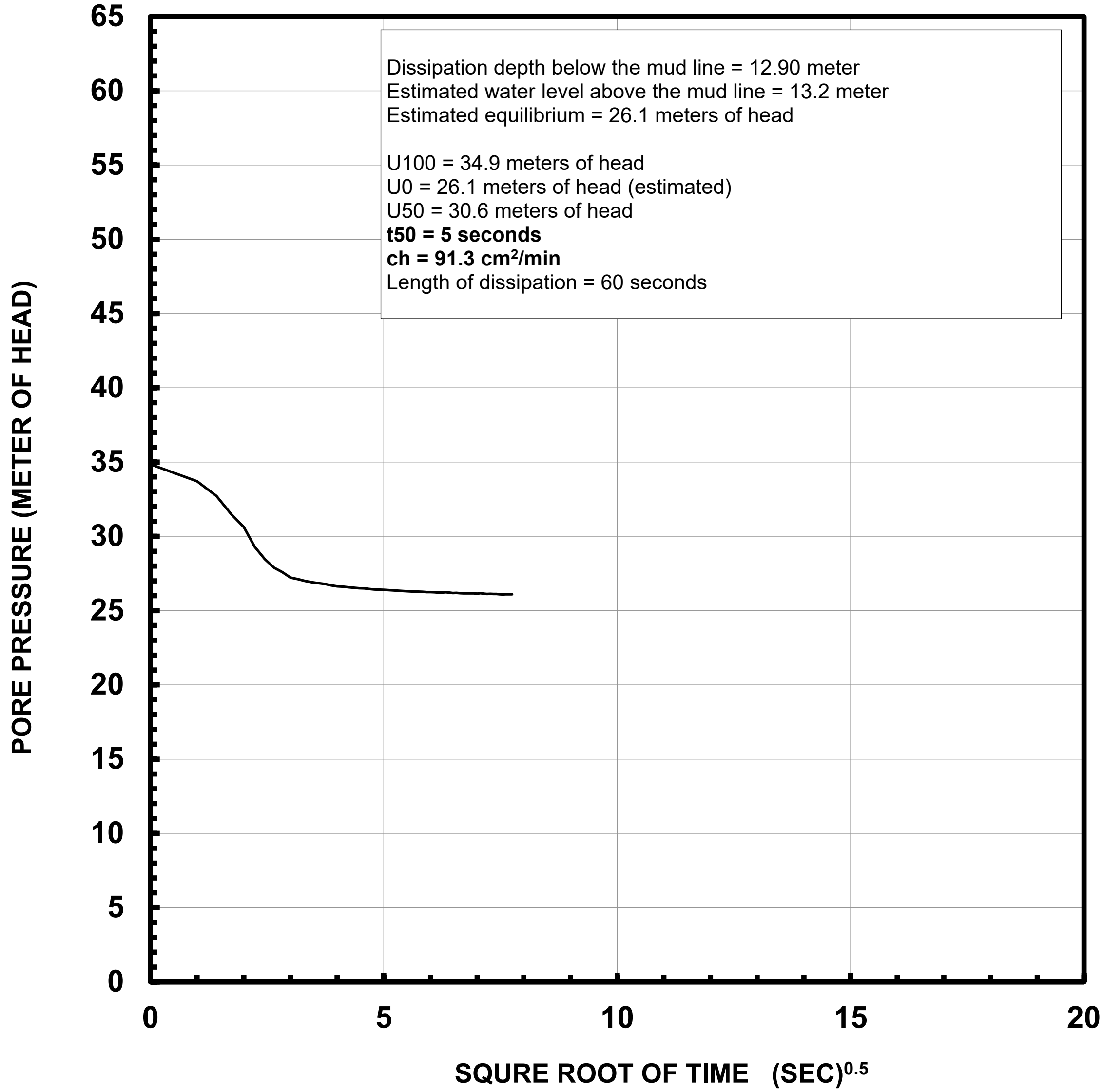
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
9.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

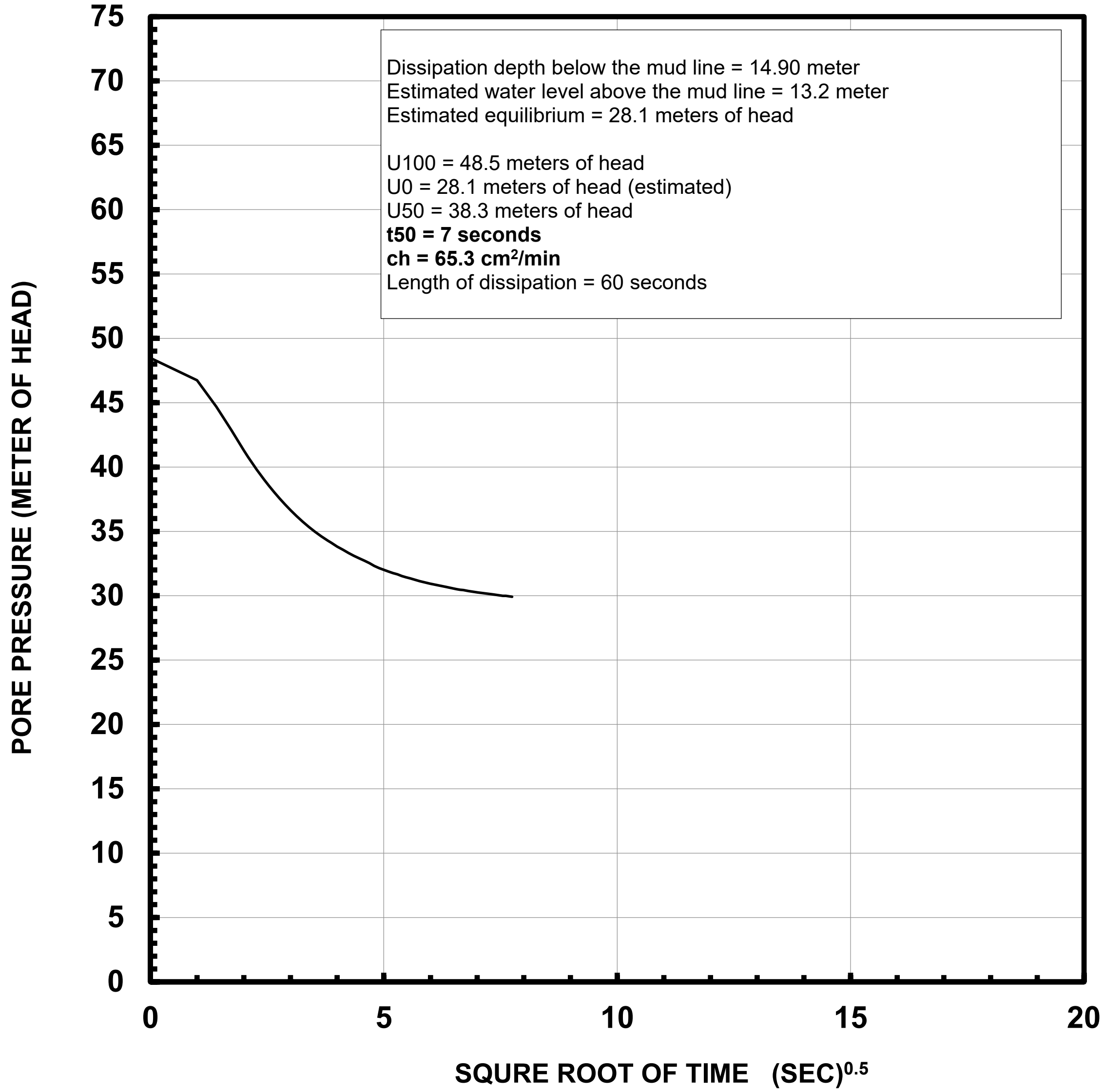
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
12.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

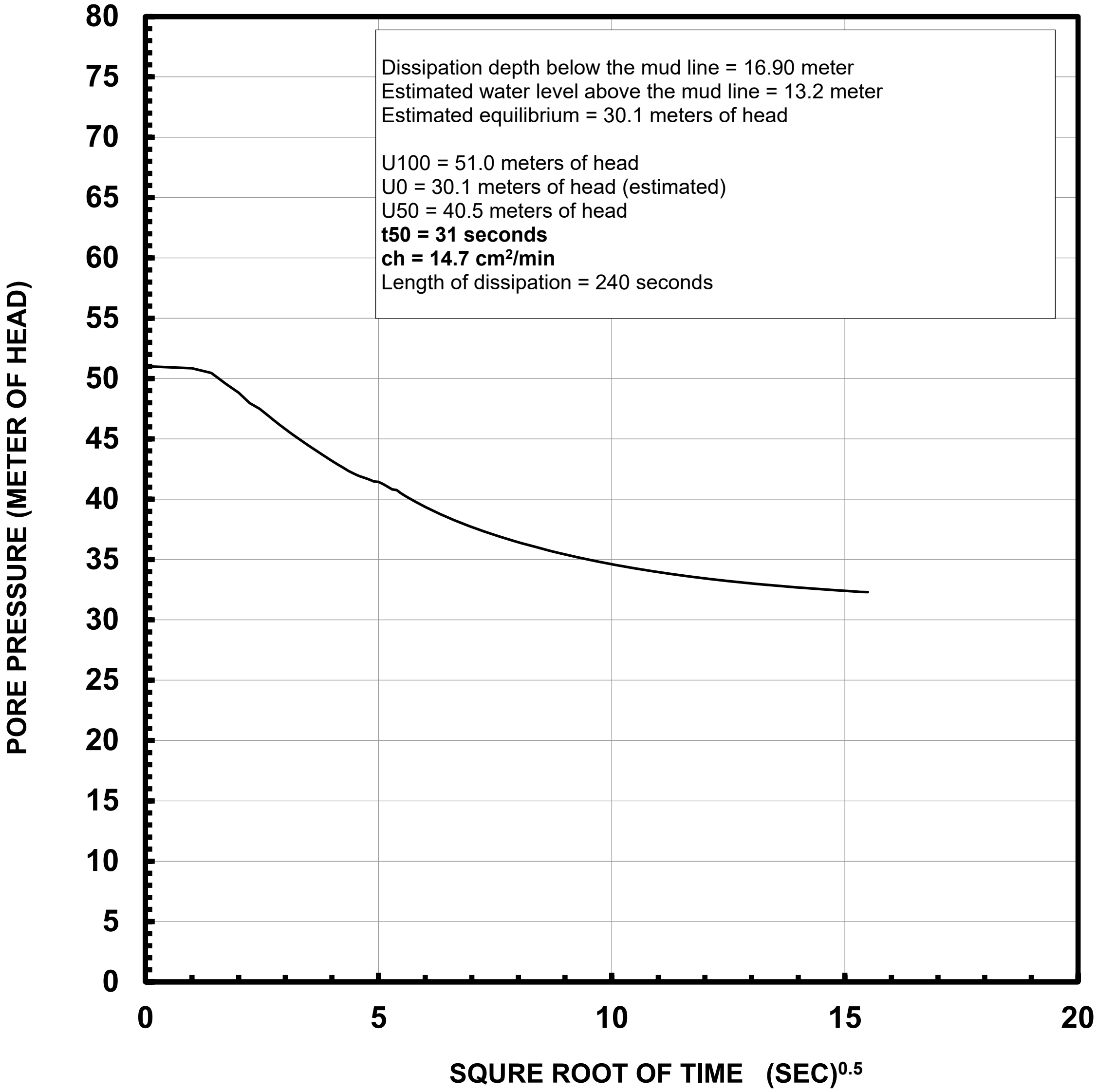
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
14.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

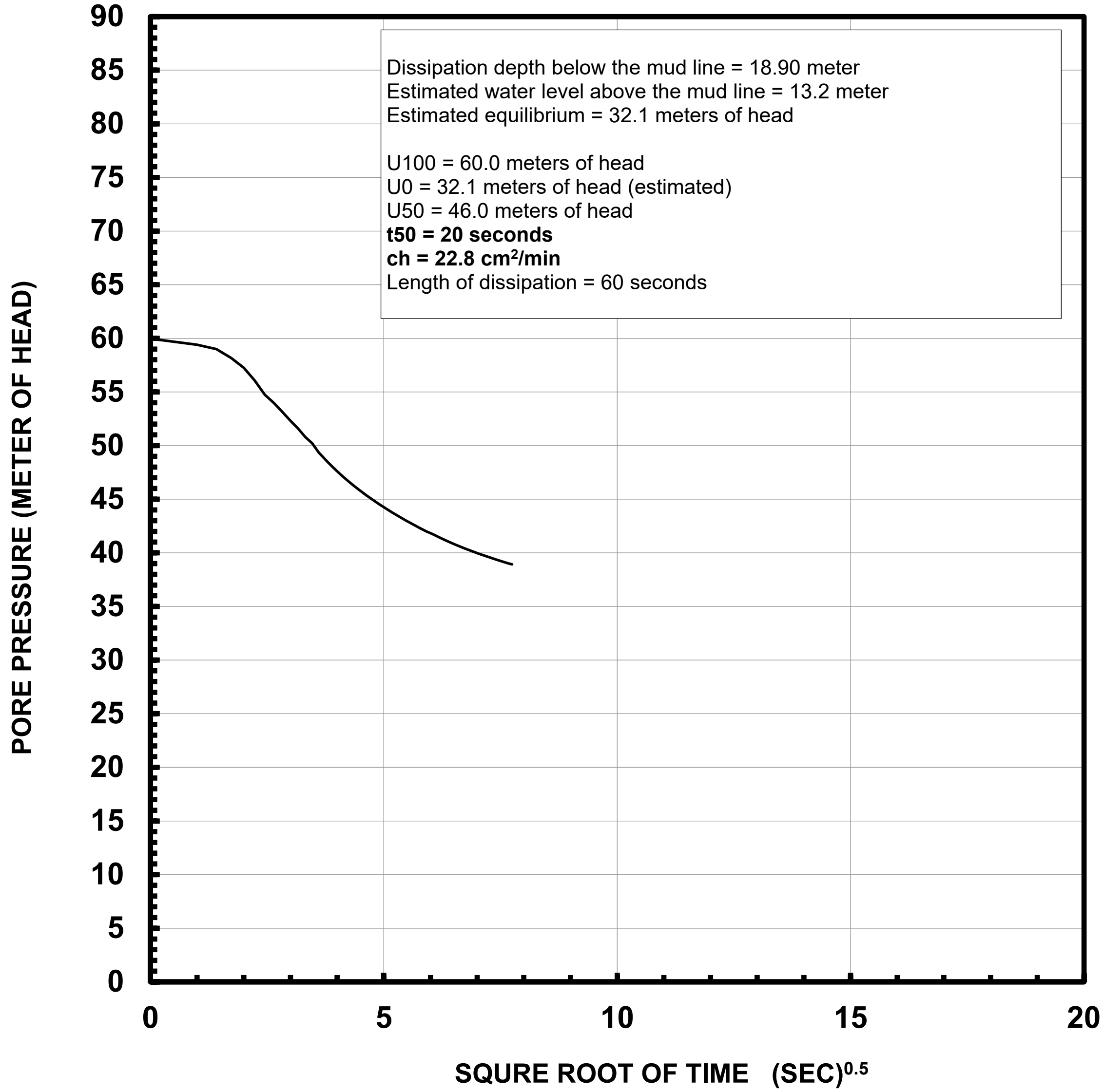
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
16.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

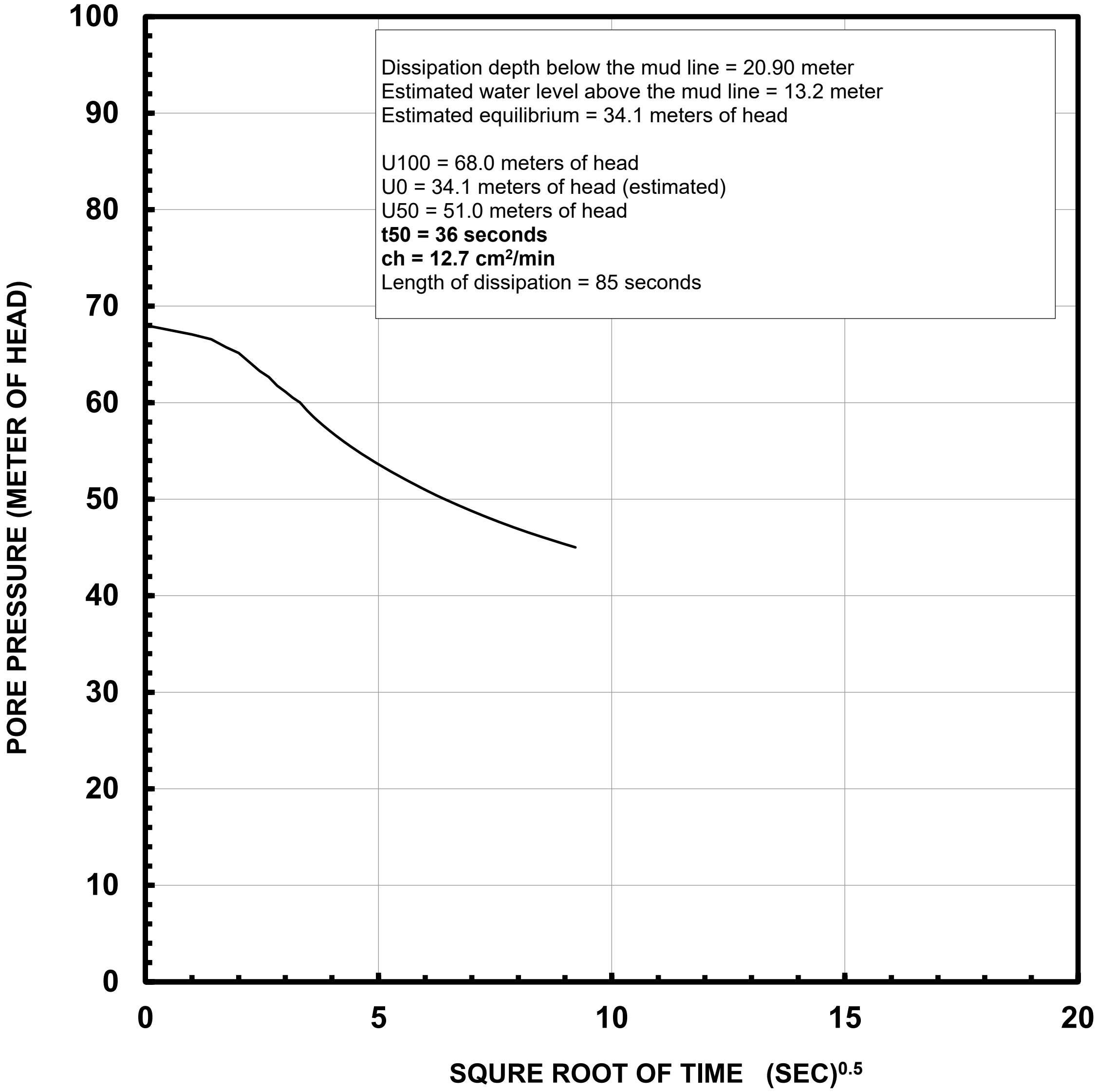
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
18.90 METER DEPTH
JUNE 27, 2023



ORANO

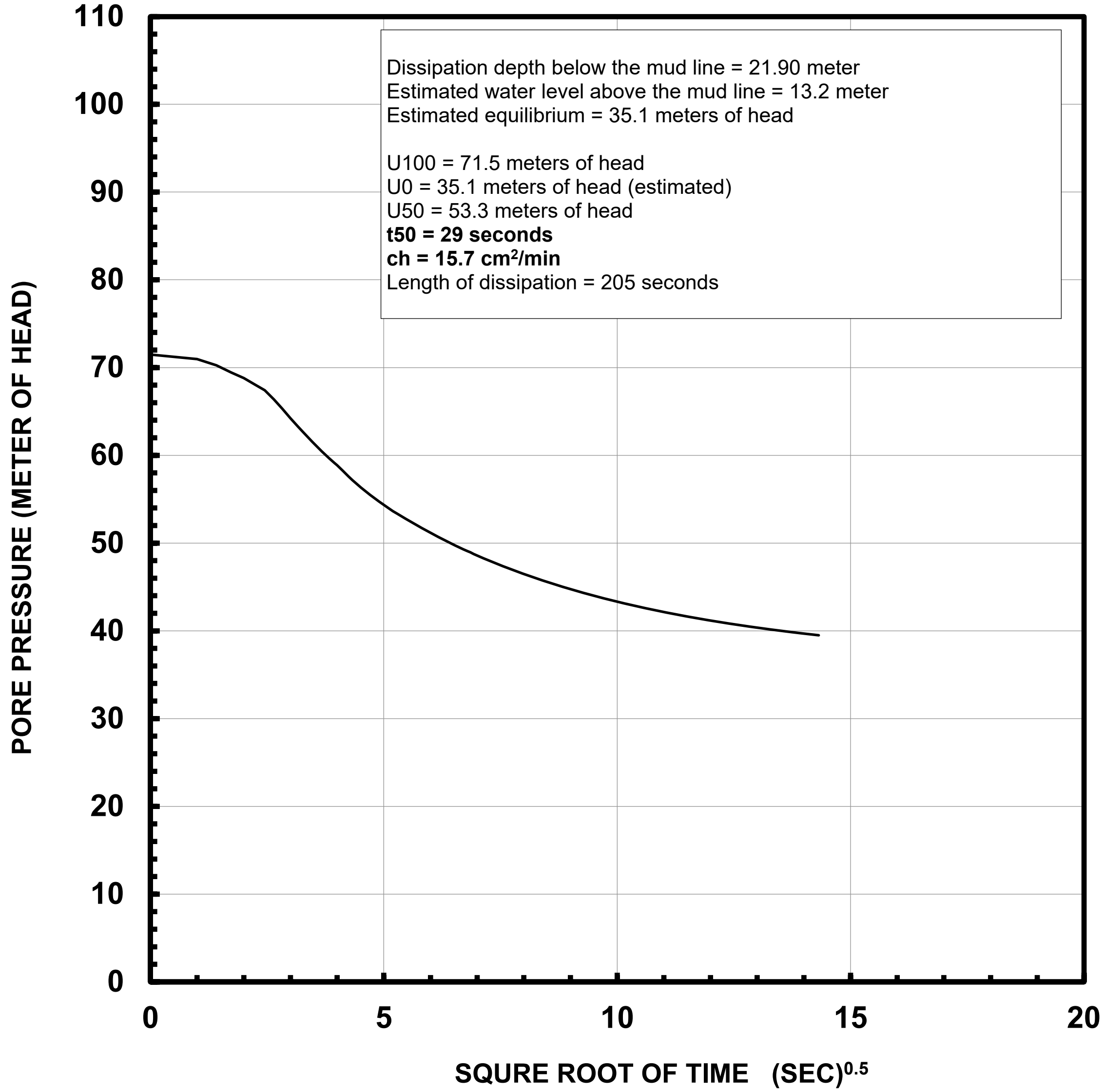
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
20.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

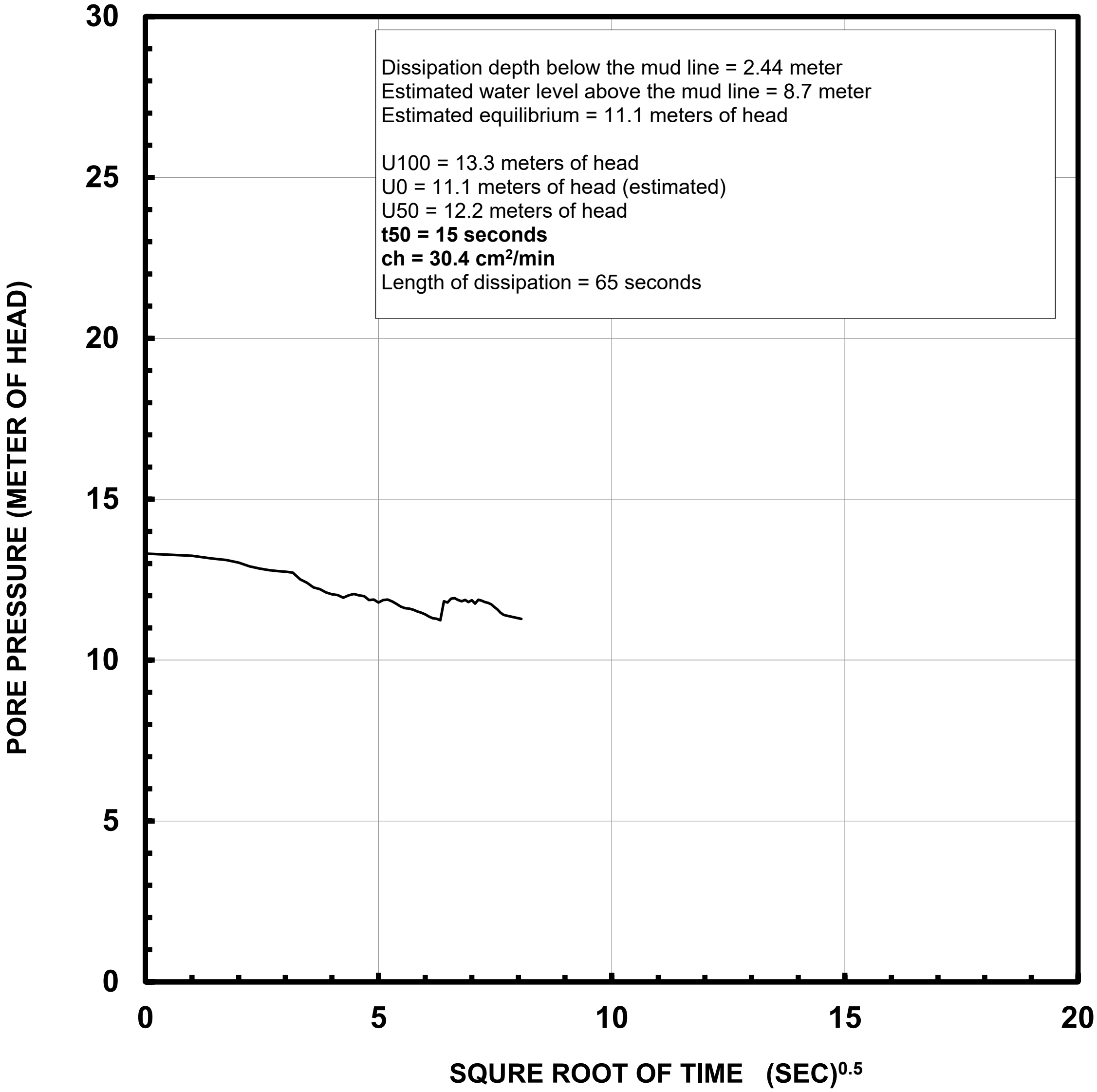
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 11
21.90 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

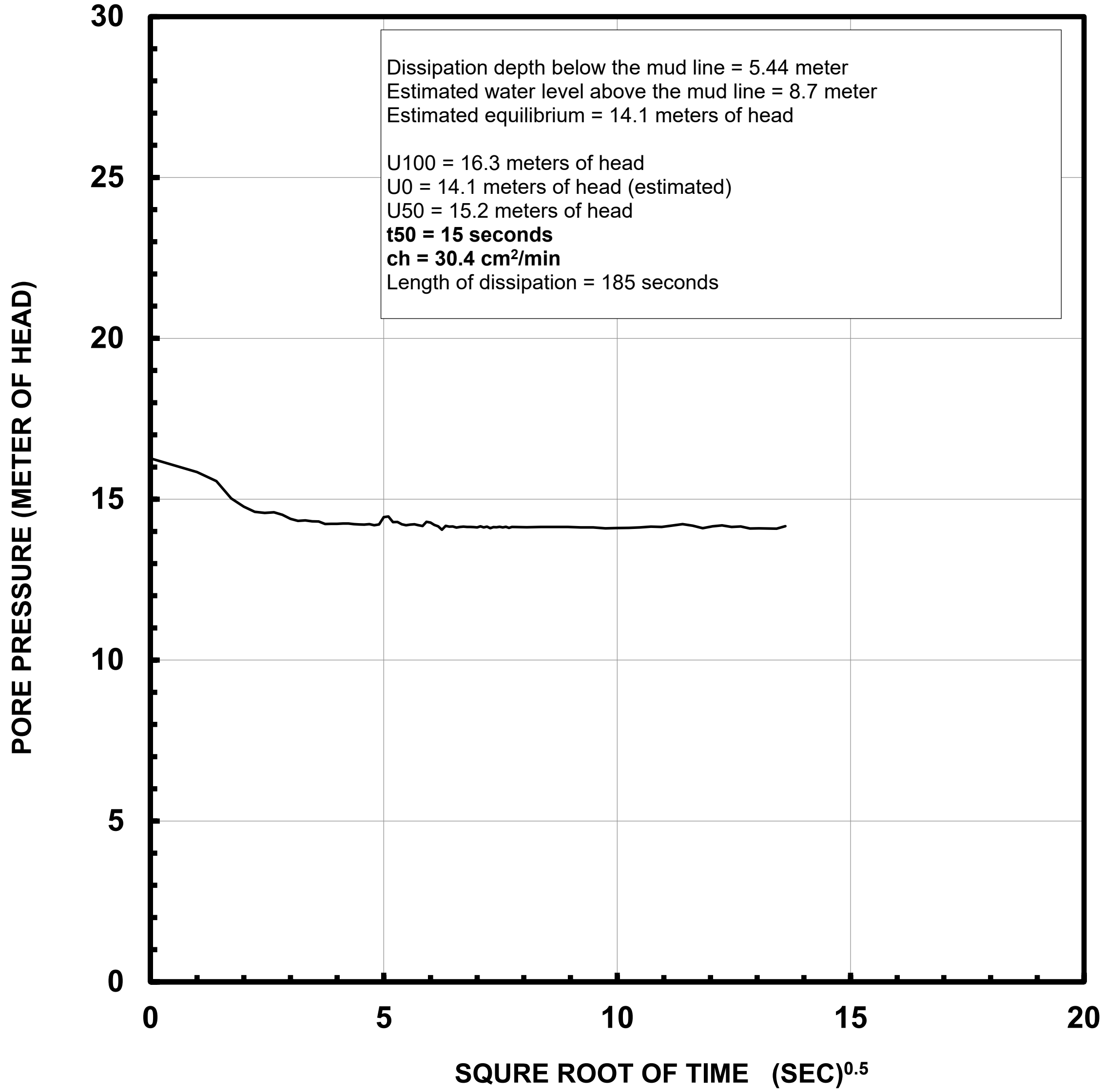
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
2.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

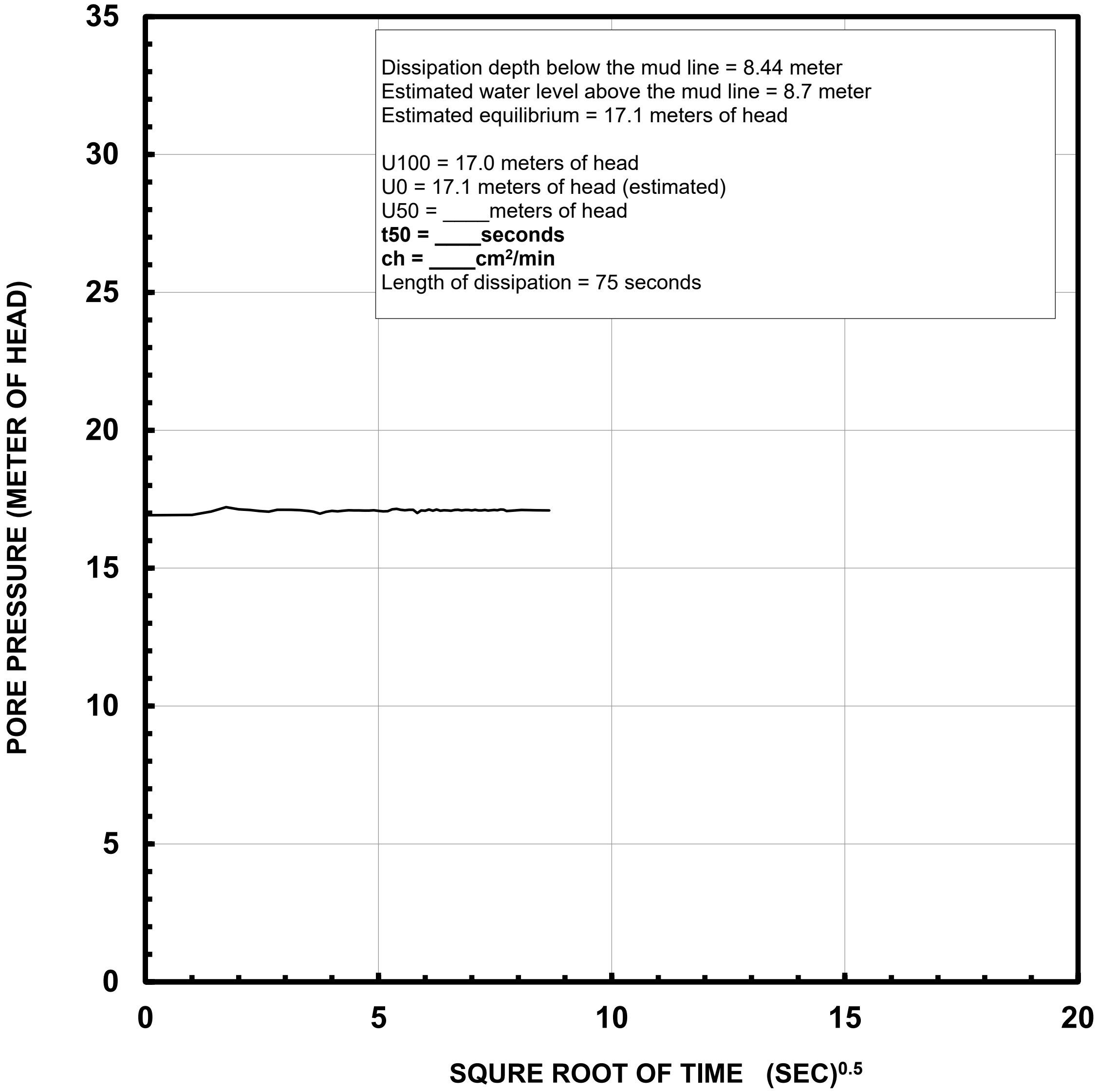
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
5.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

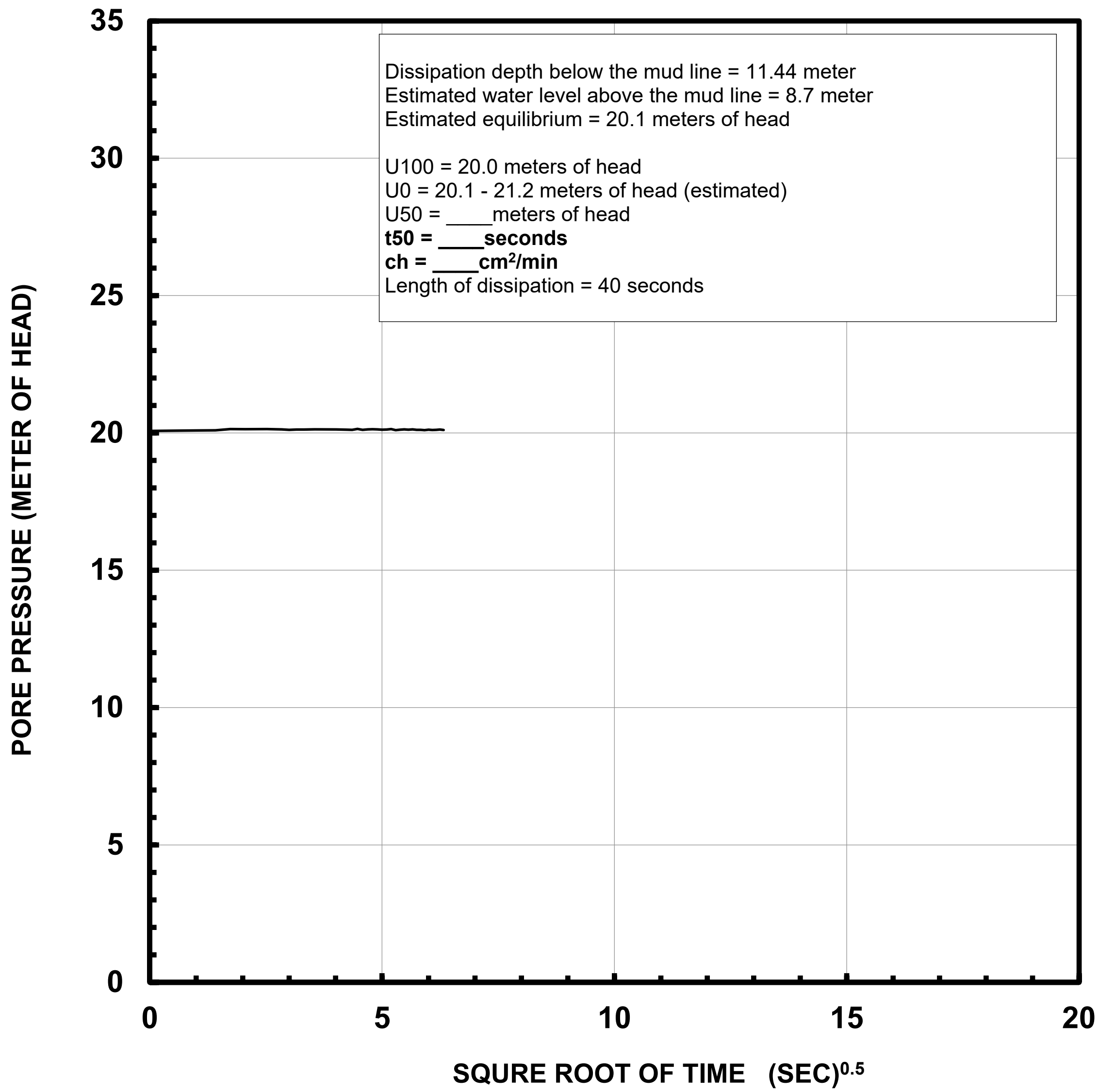
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
8.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

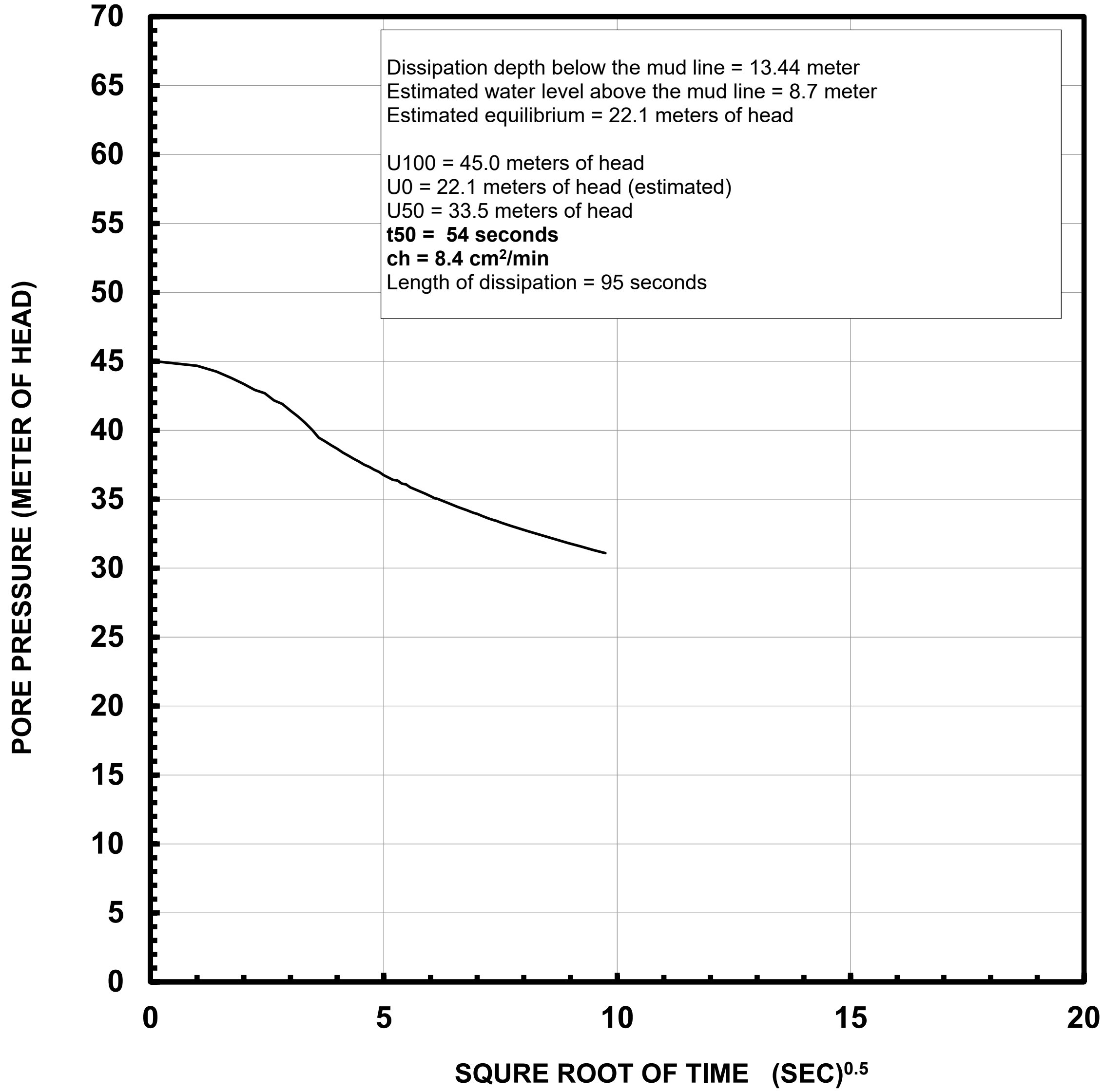
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
11.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

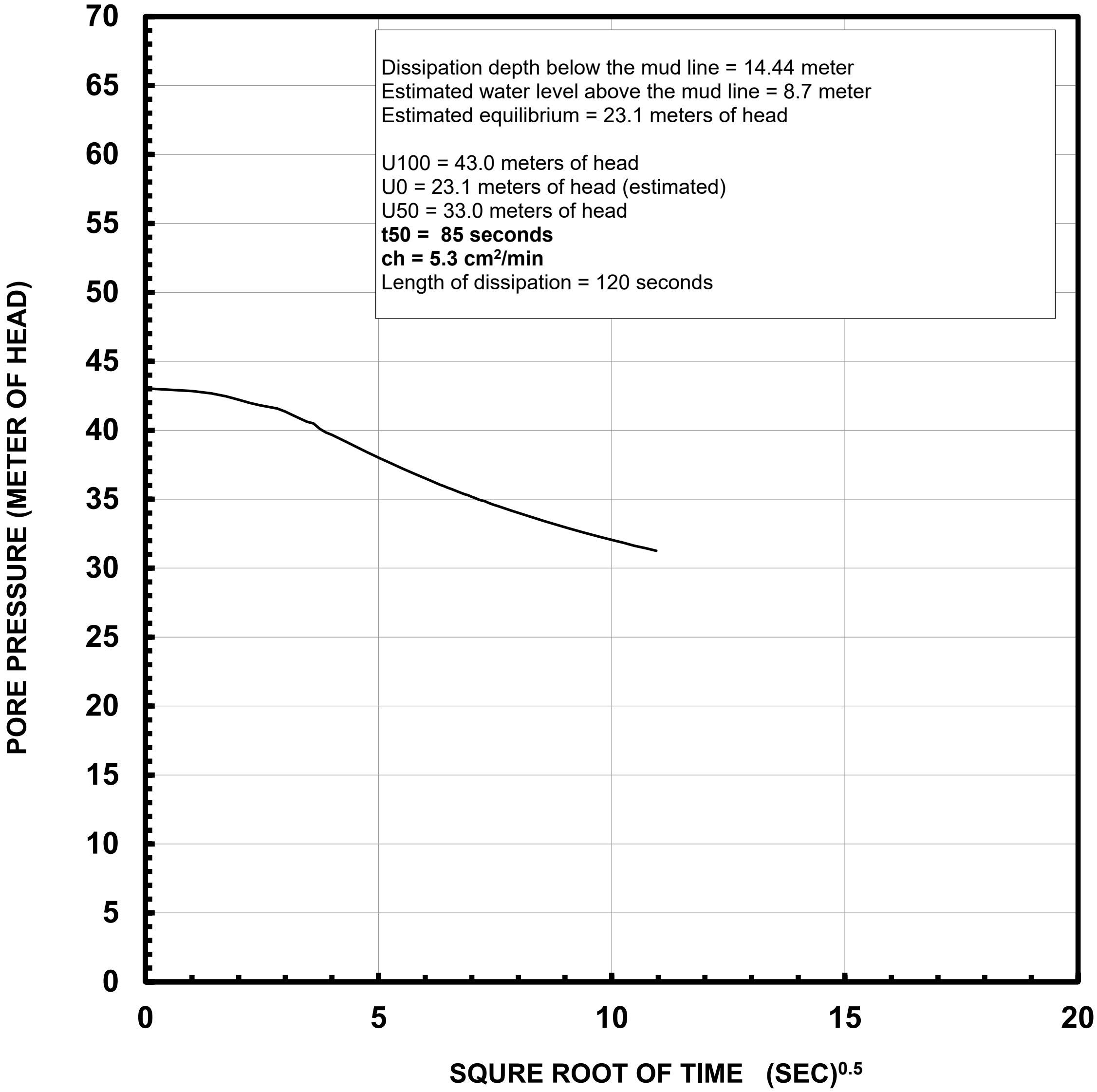
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
13.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

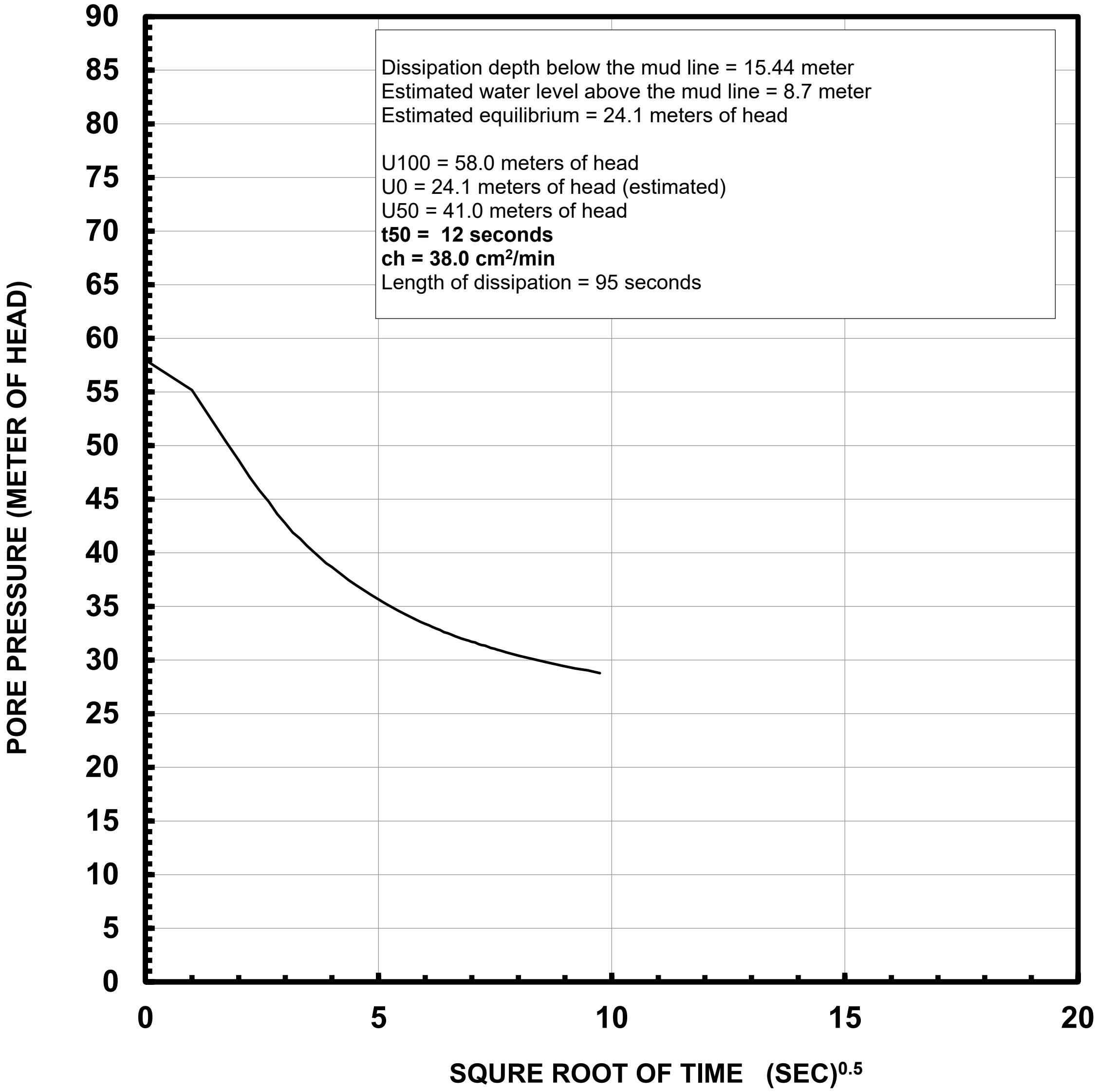
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
14.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

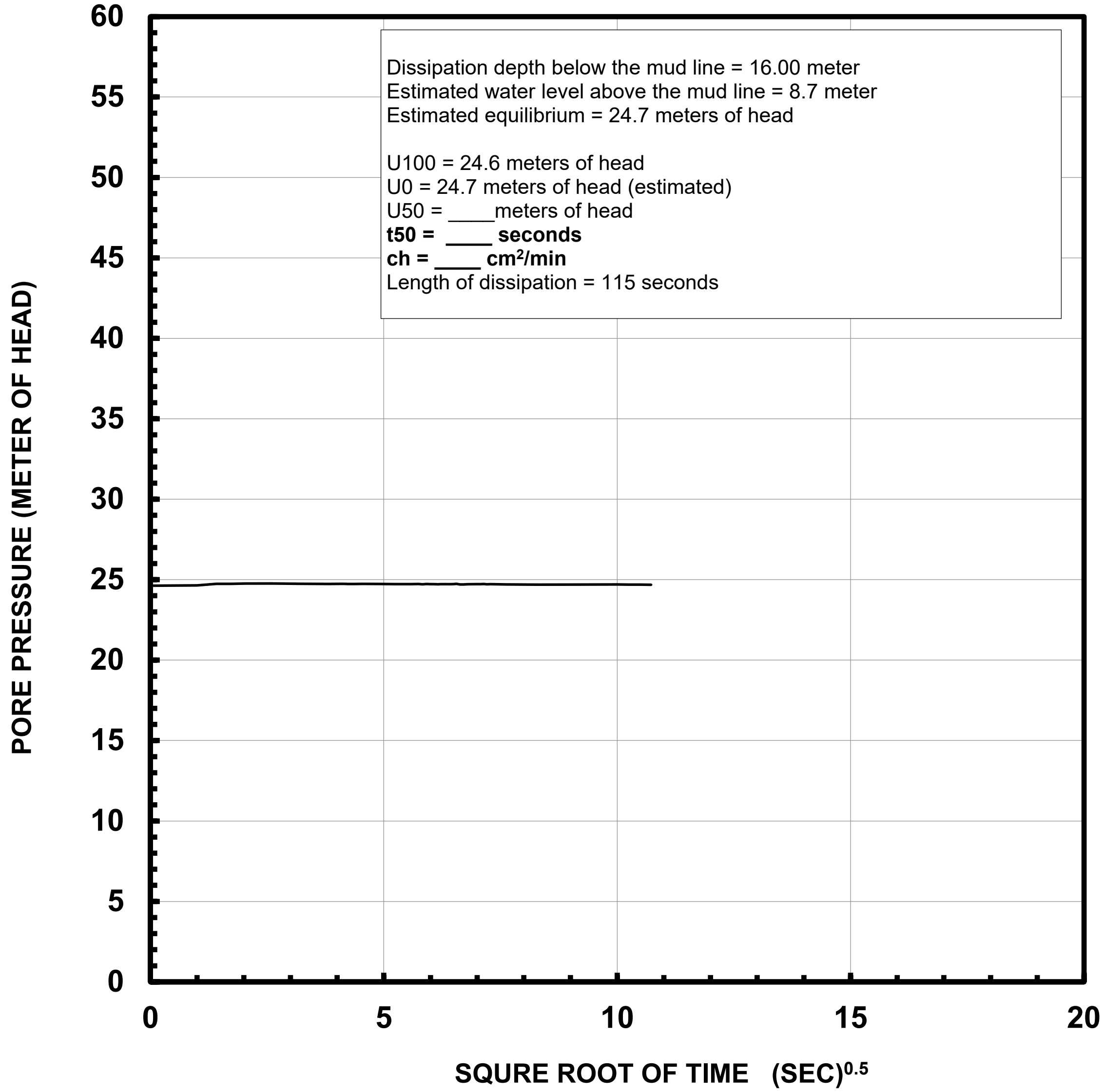
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
15.44 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

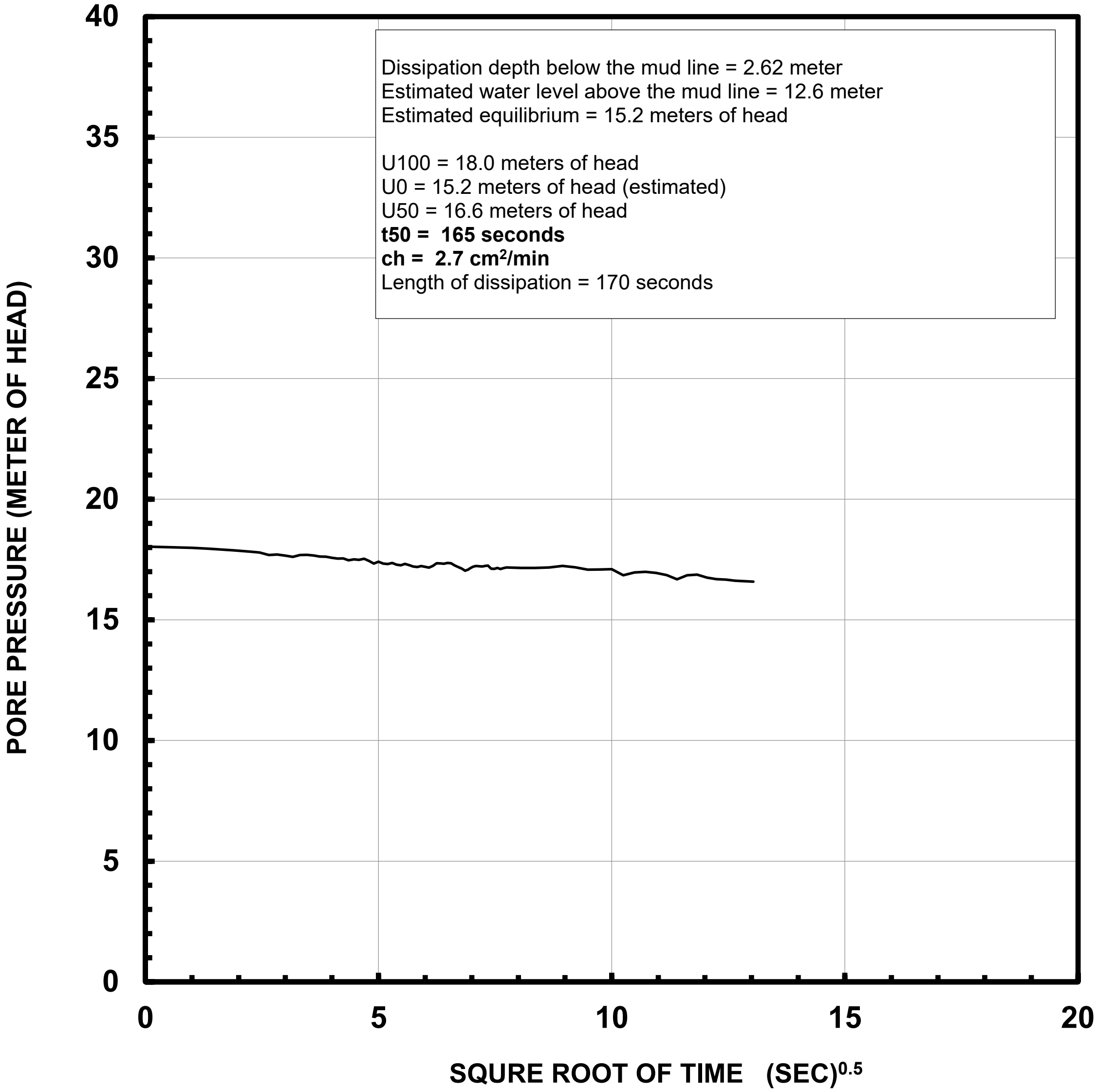
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 12
16.00 METER DEPTH
JUNE 27, 2023



Schwartz SOIL TECH

ORANO

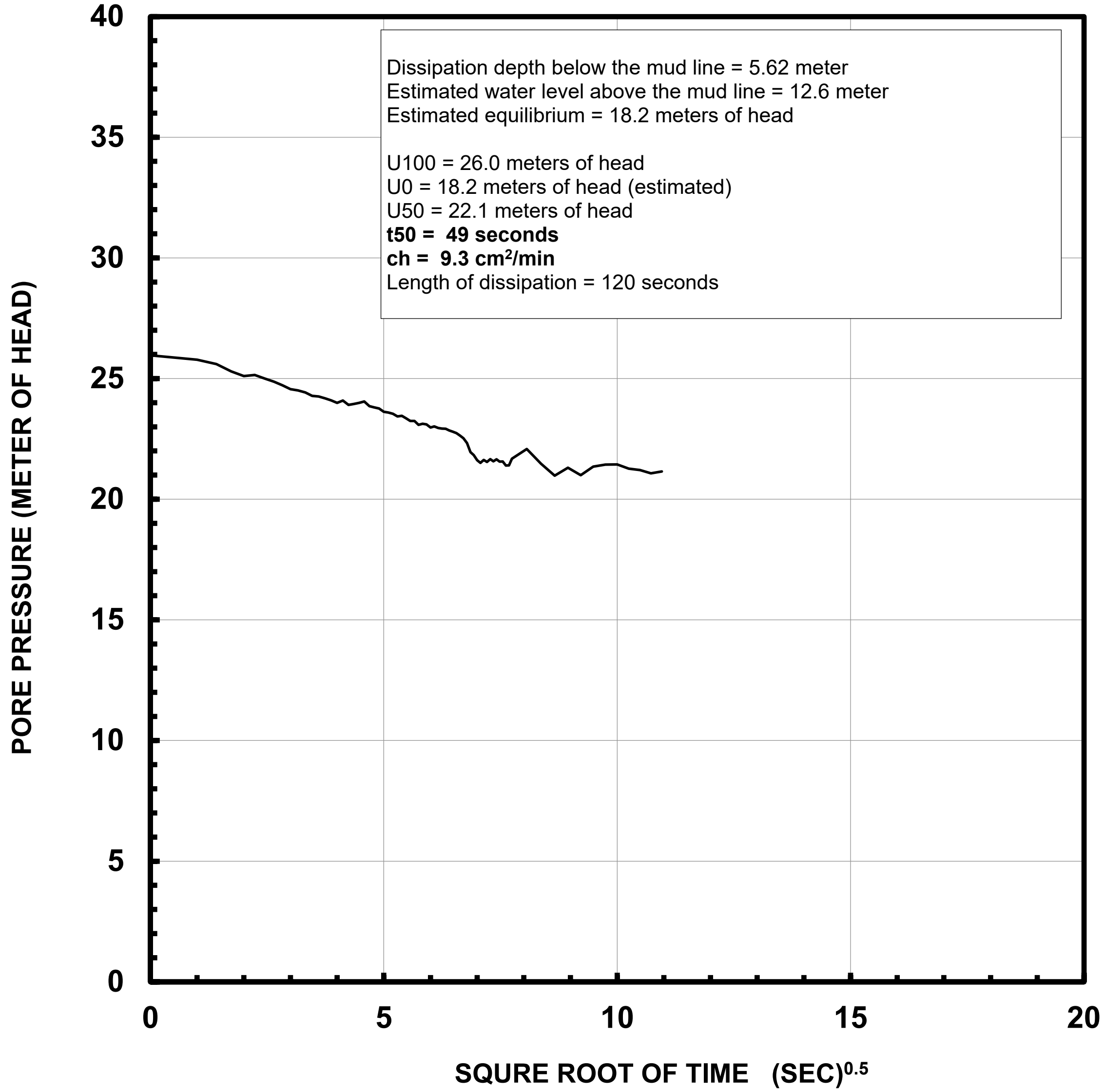
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
2.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

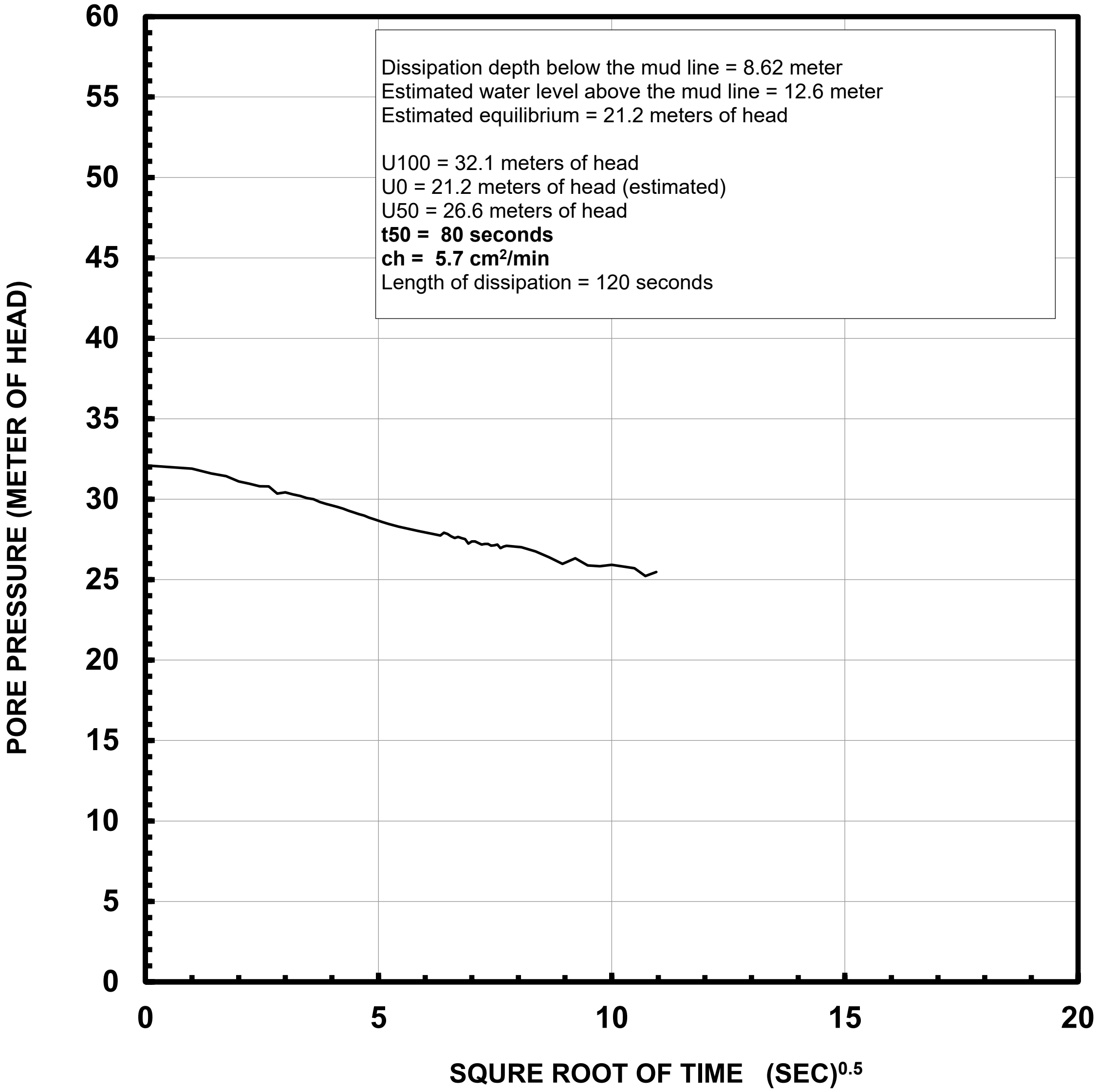
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
5.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

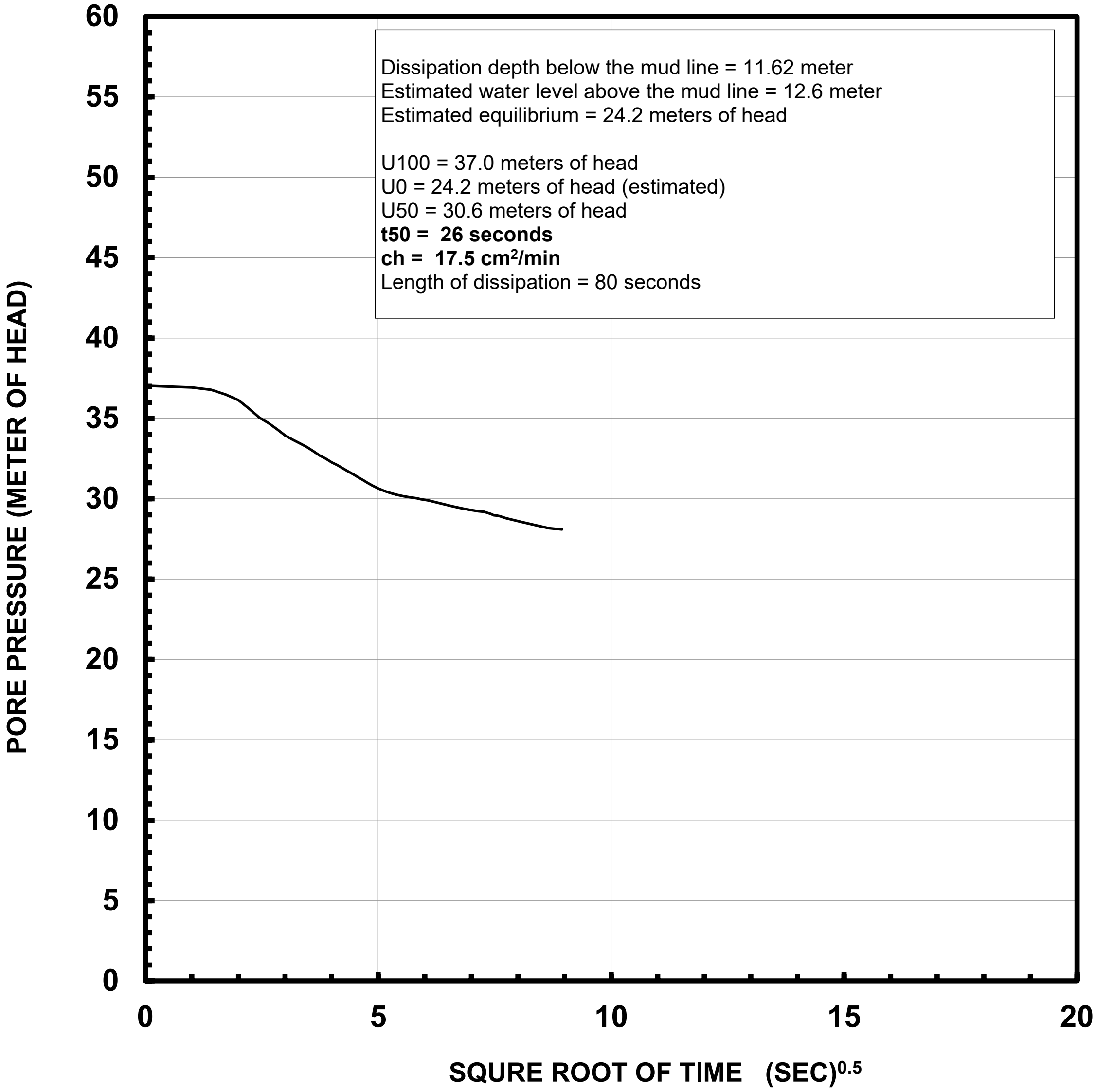
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
8.62 METER DEPTH
JUNE 30, 2023



ORANO

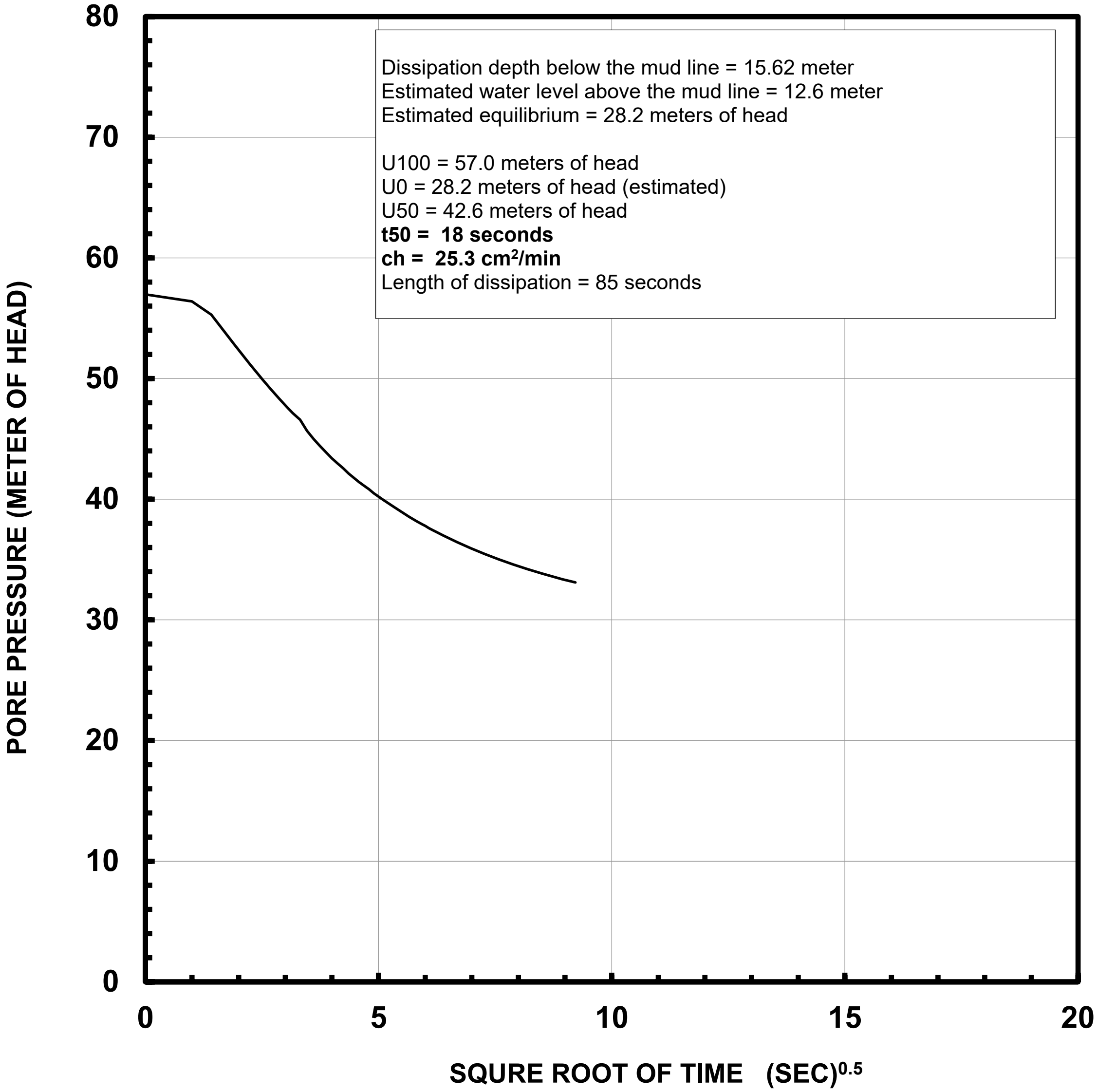
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
11.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

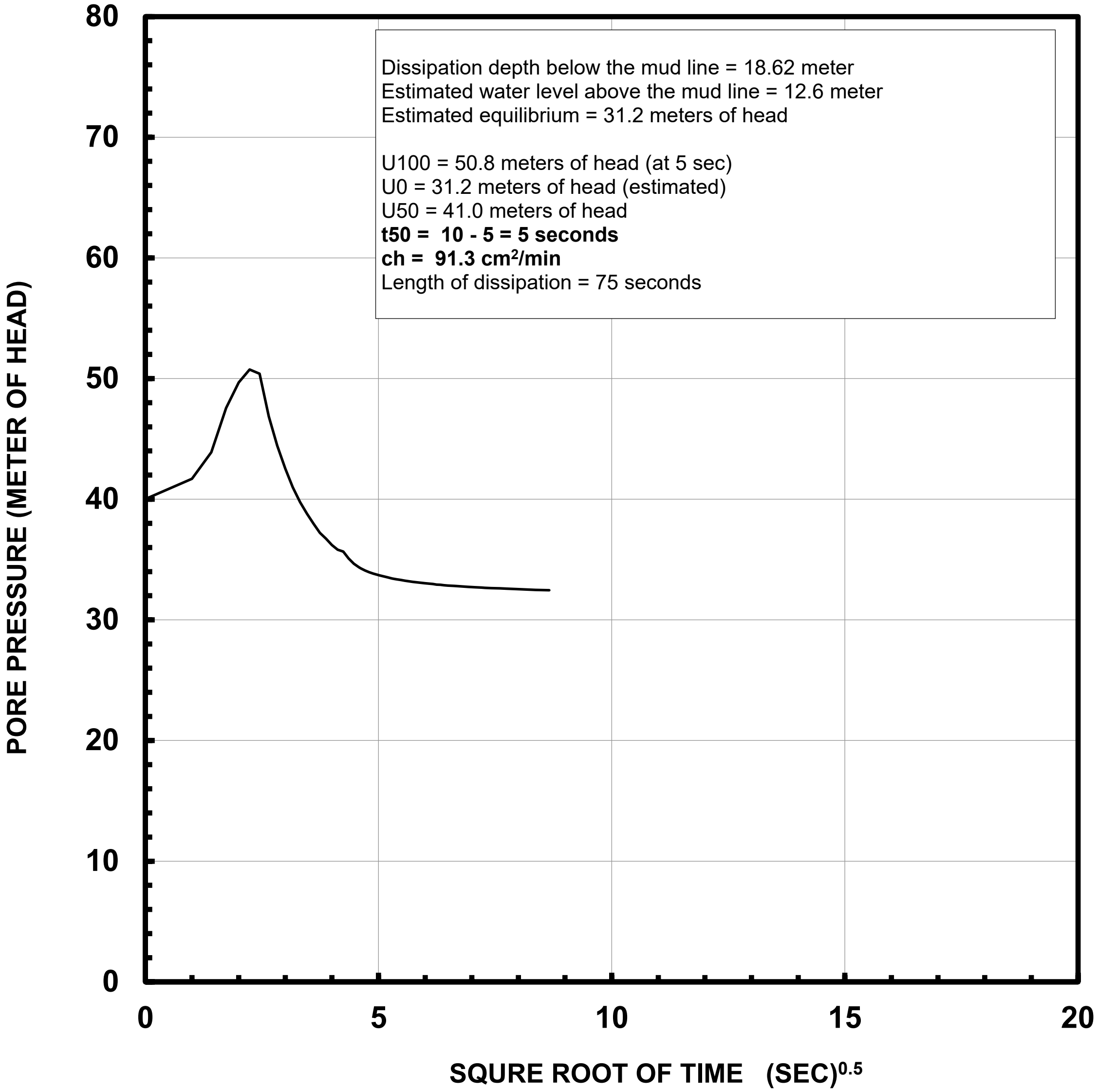
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
15.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

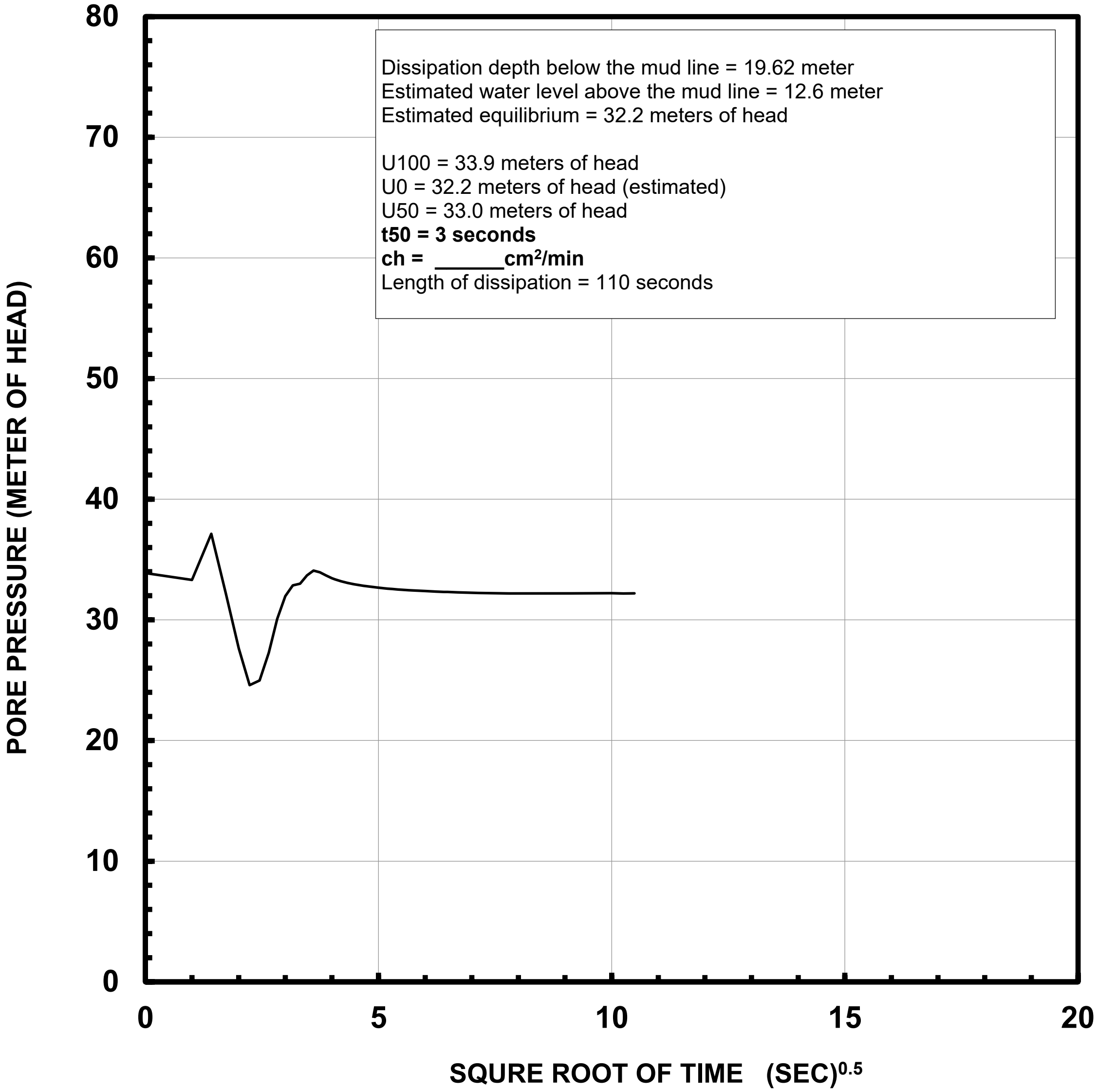
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
18.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

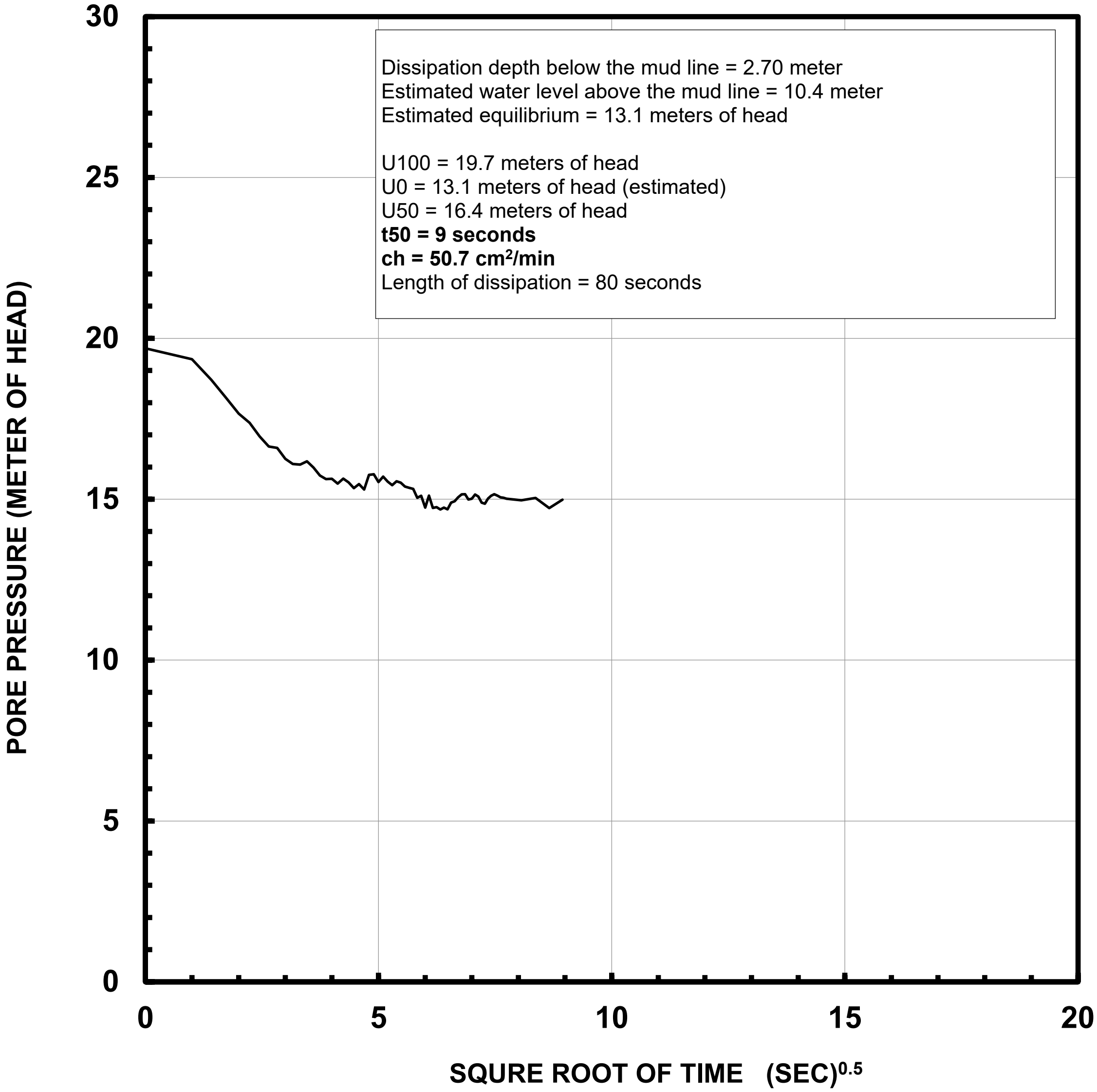
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 13
19.62 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

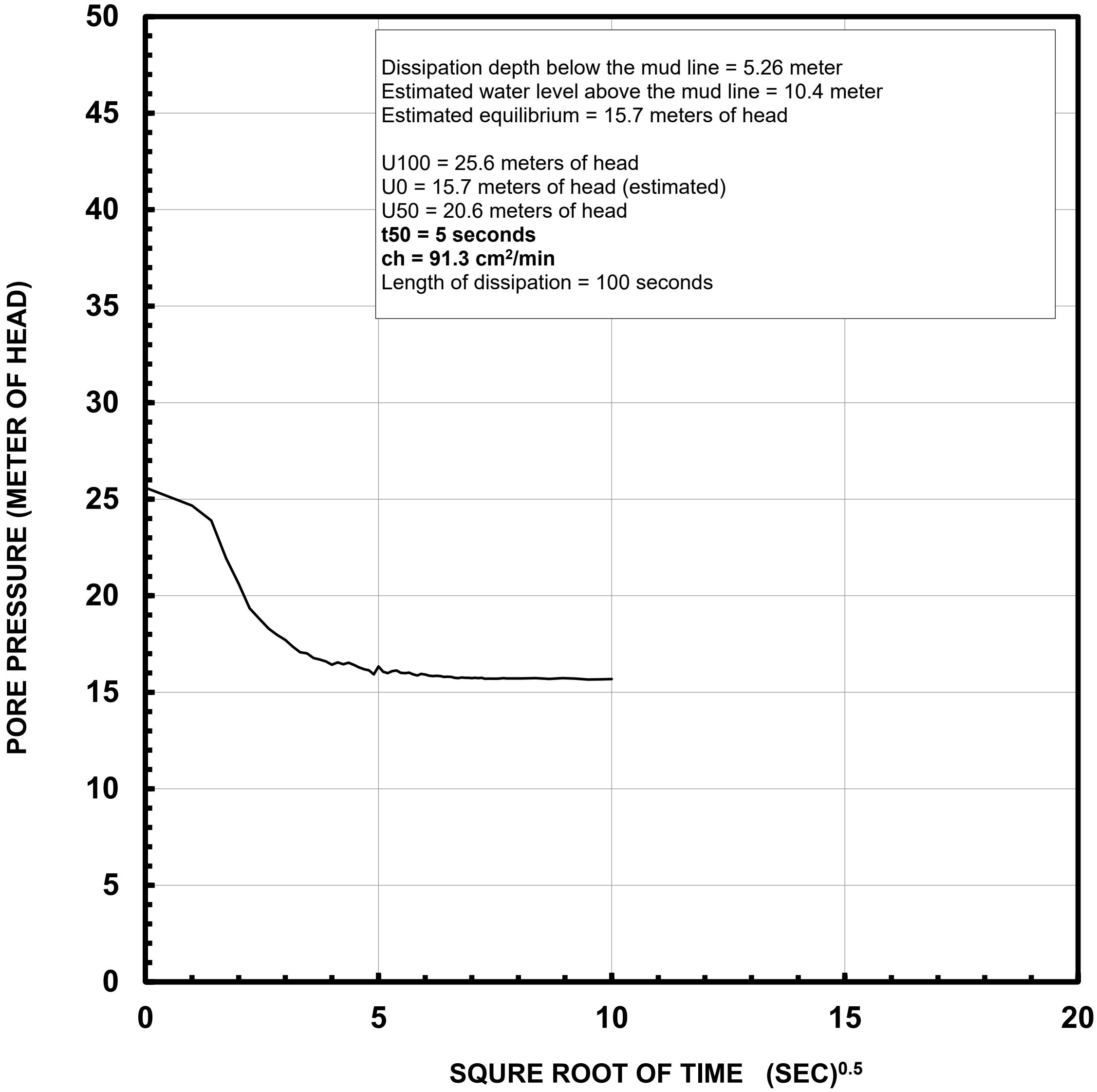
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
2.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

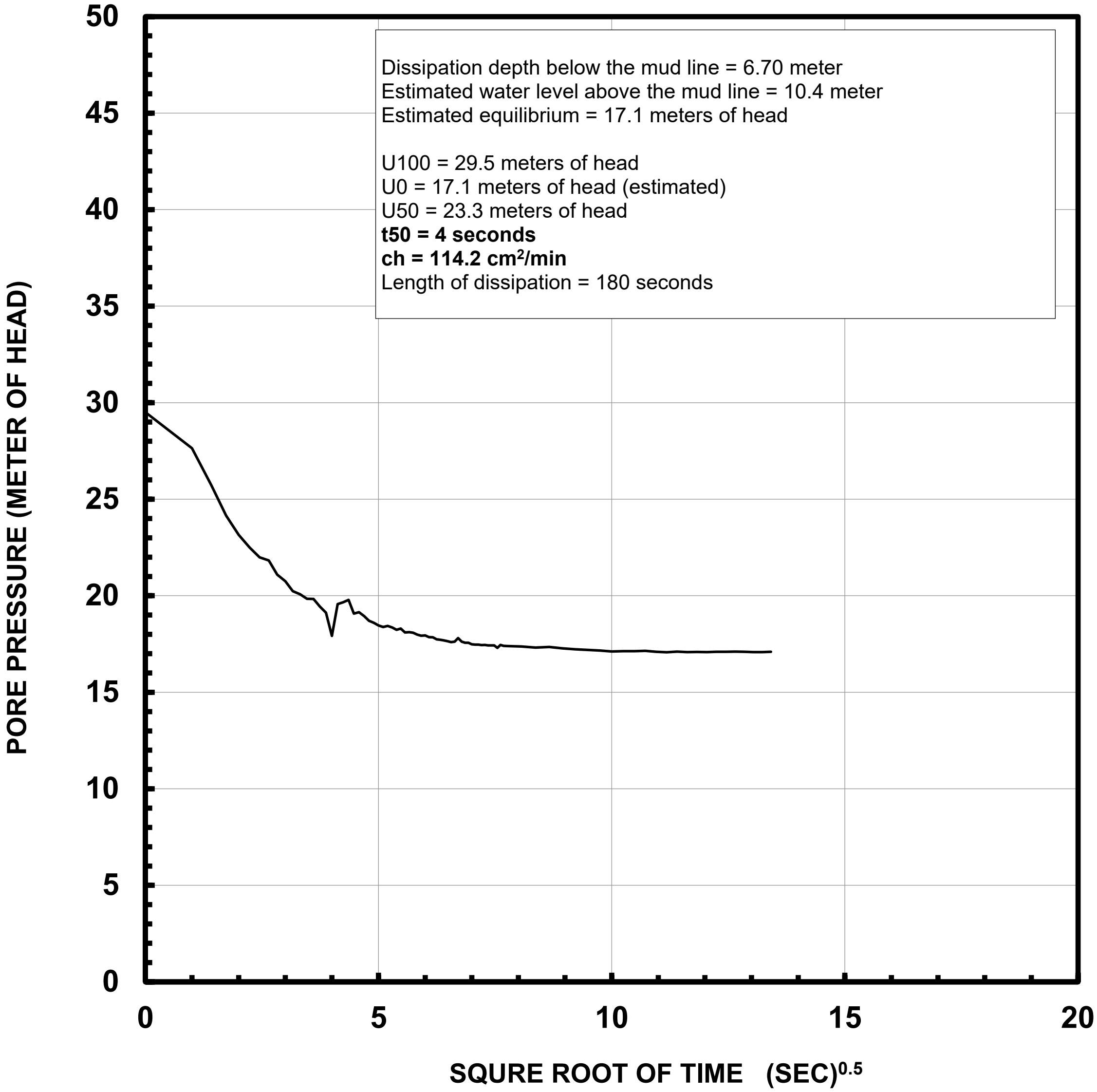
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
5.26 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

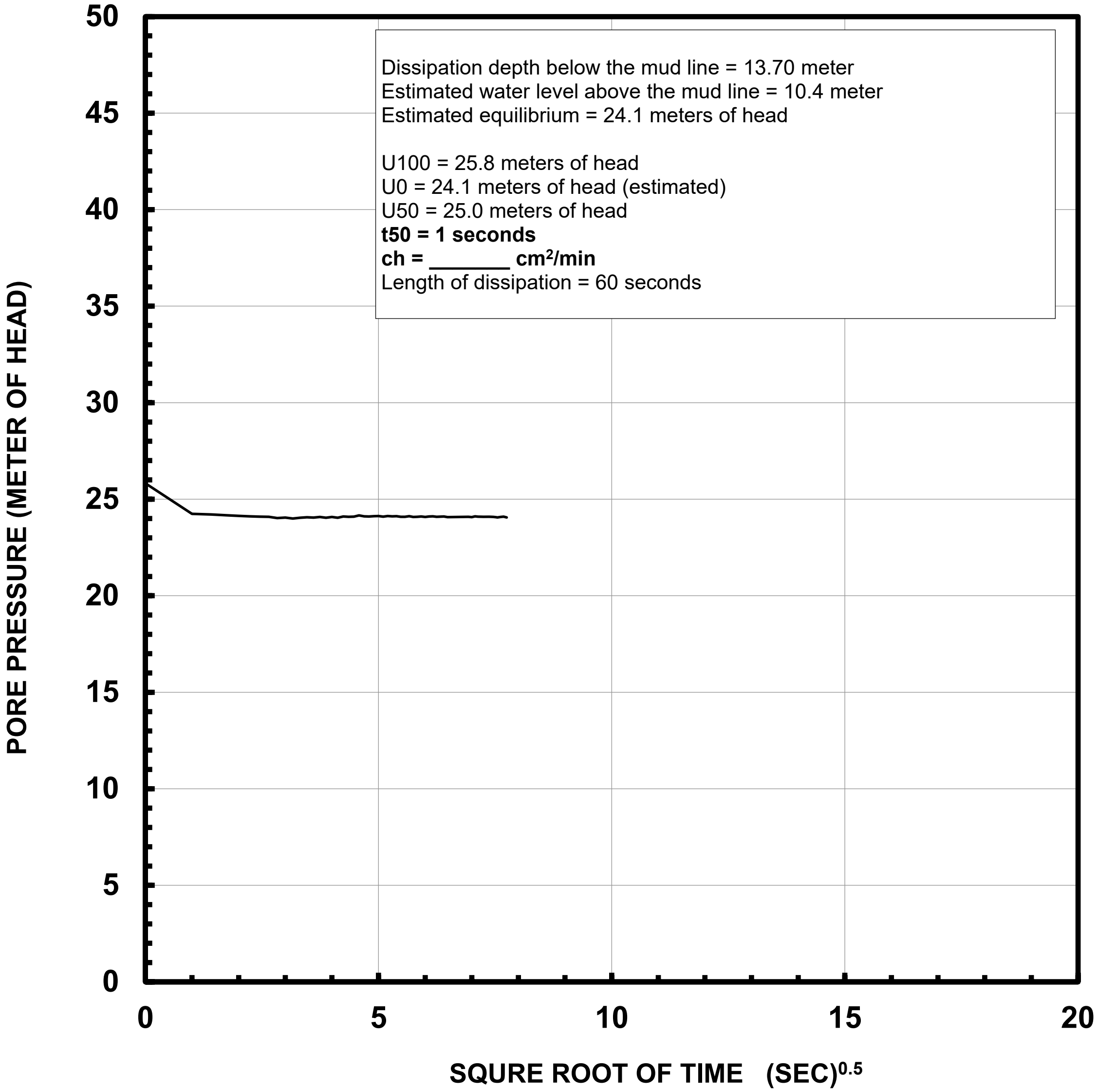
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
6.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

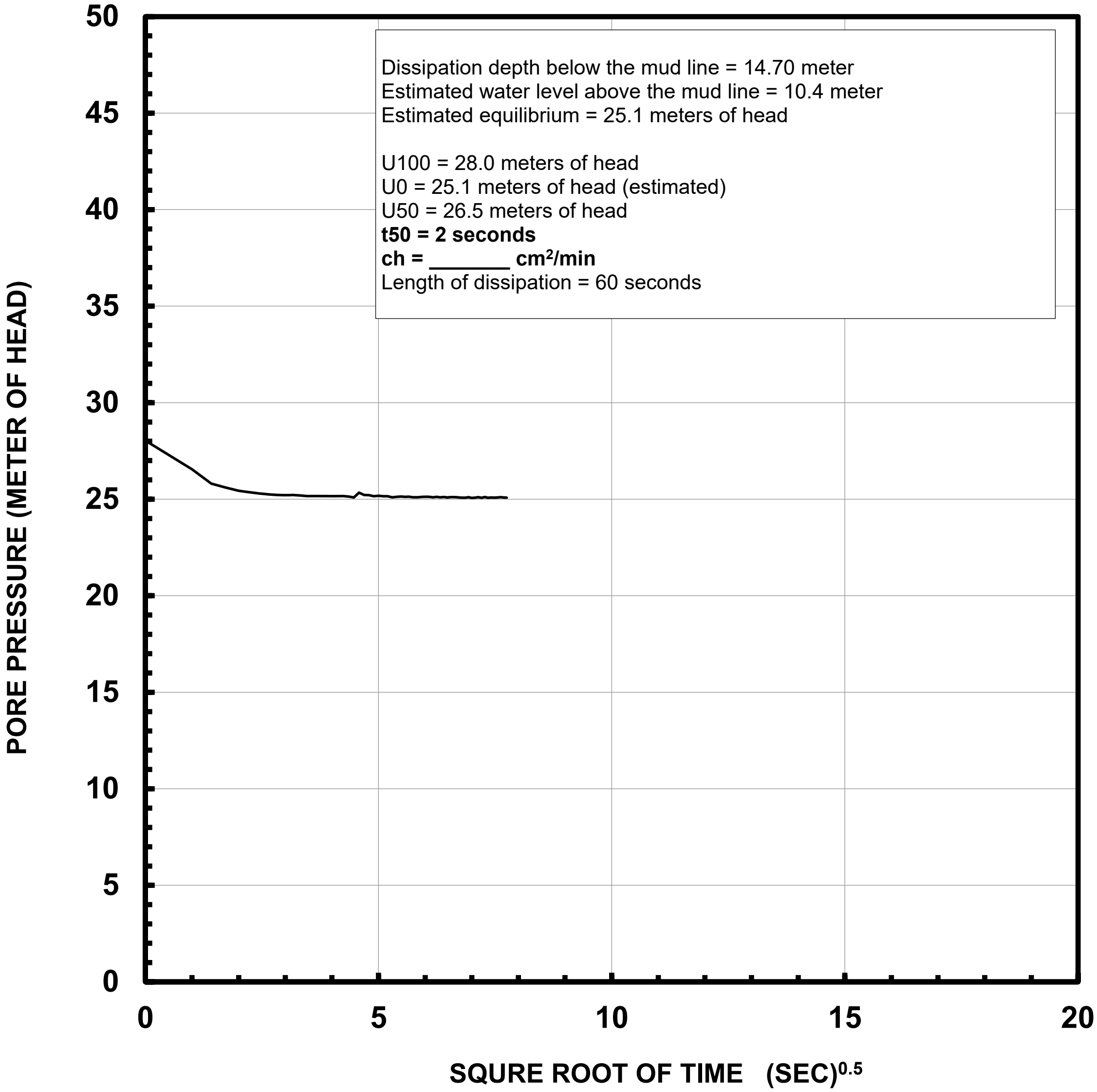
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
13.70 METER DEPTH
JUNE 29, 2023



Schwartz
SOIL TECH

ORANO

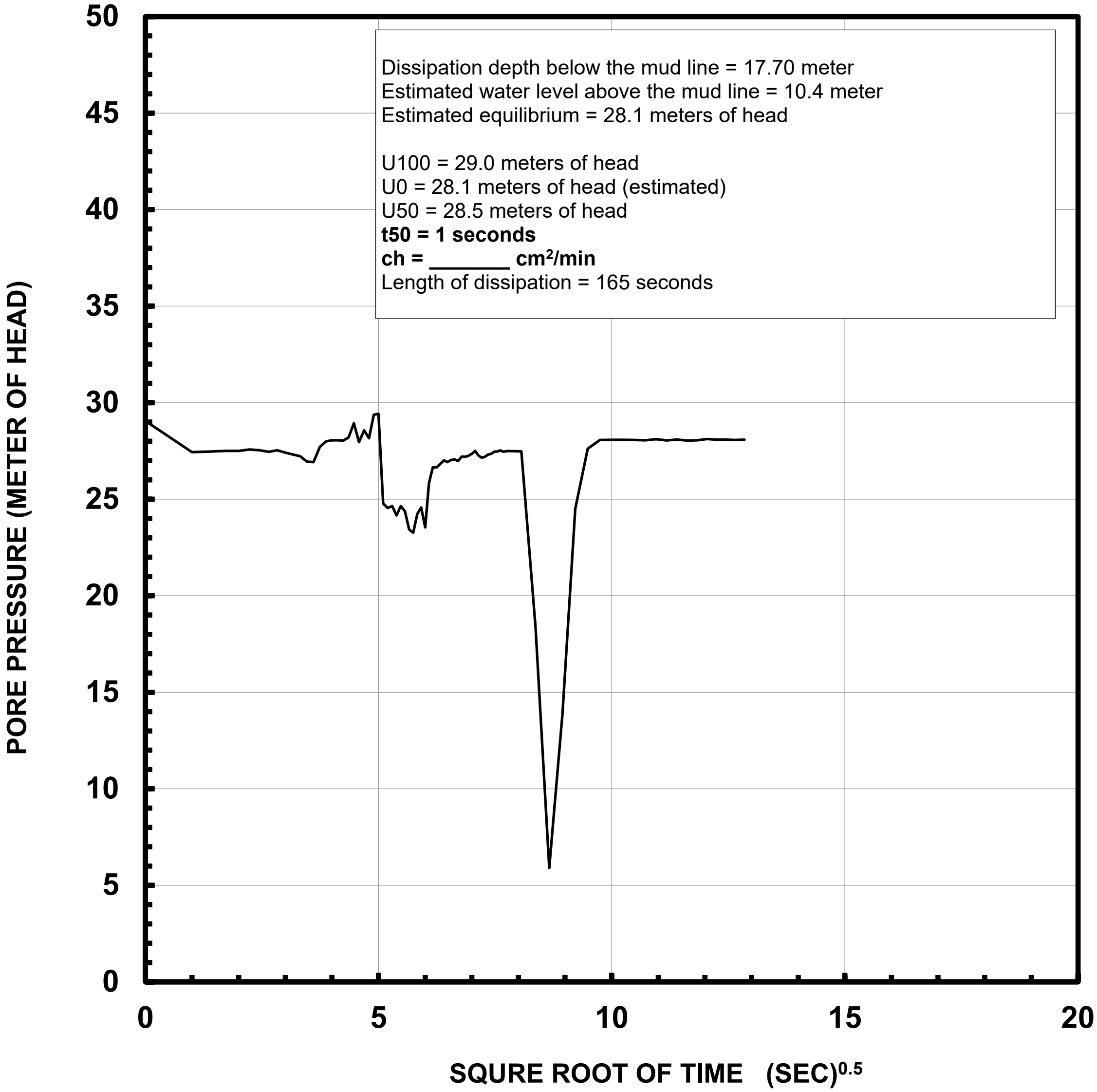
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
14.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

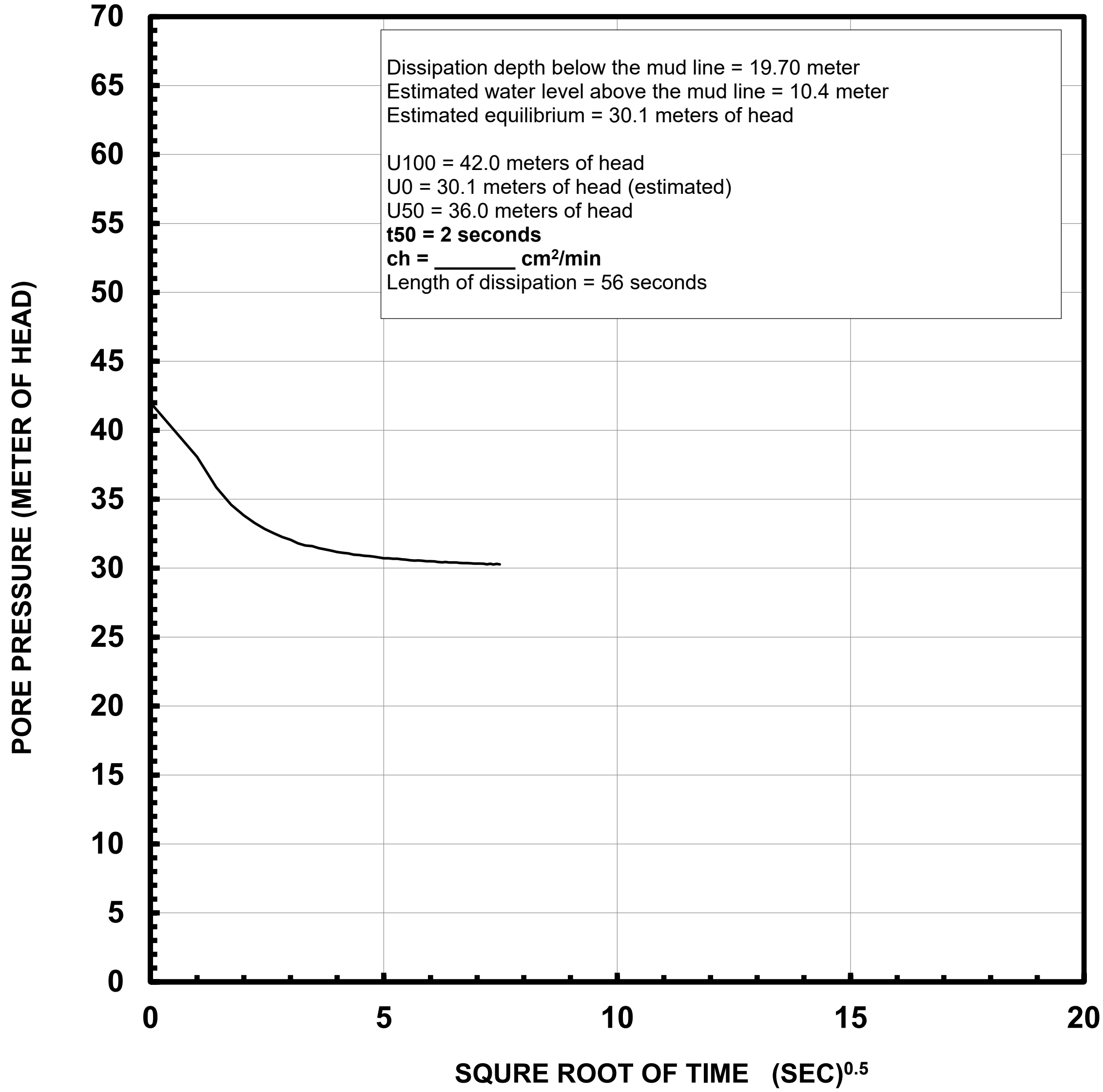
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
17.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

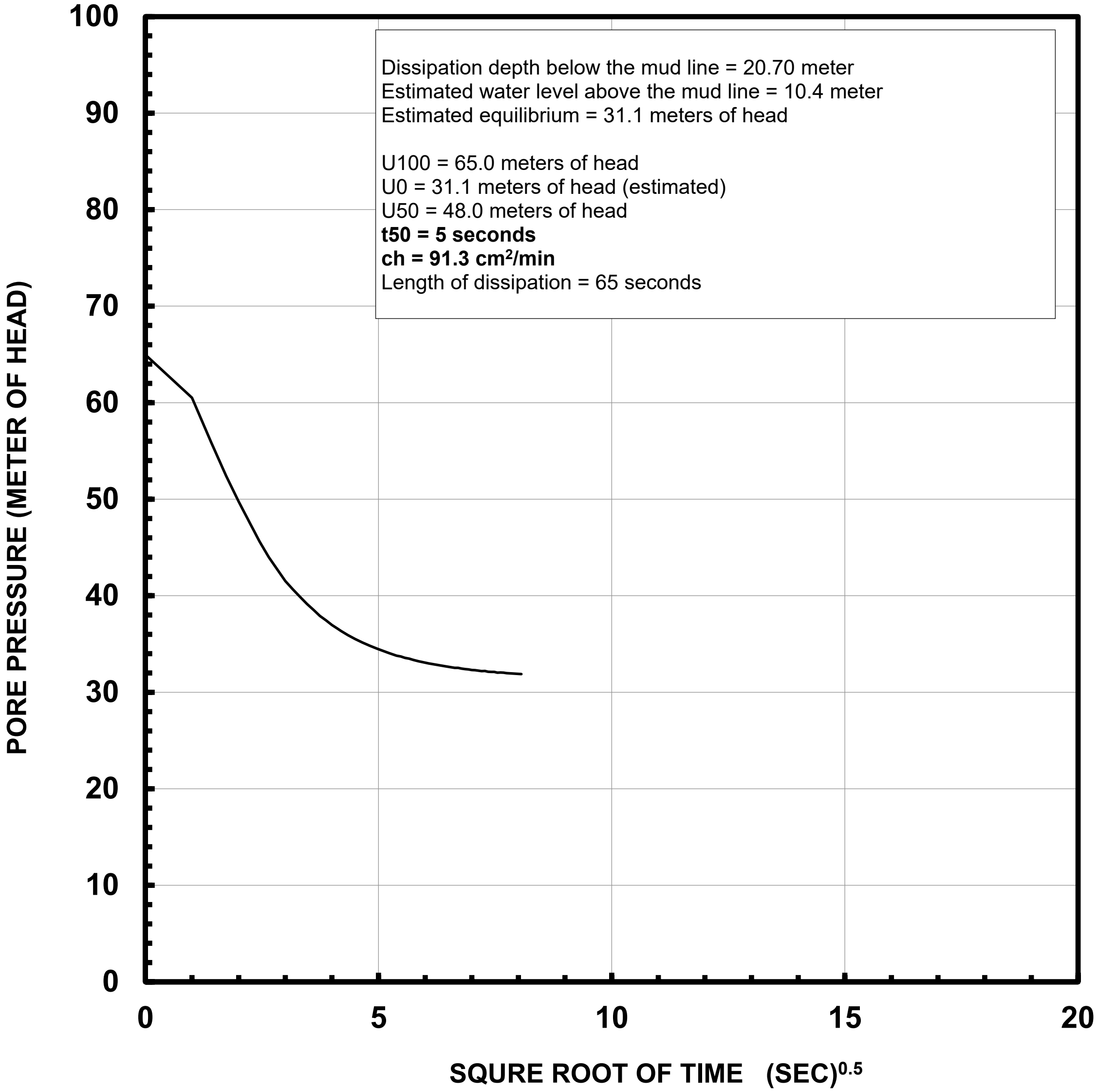
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
19.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

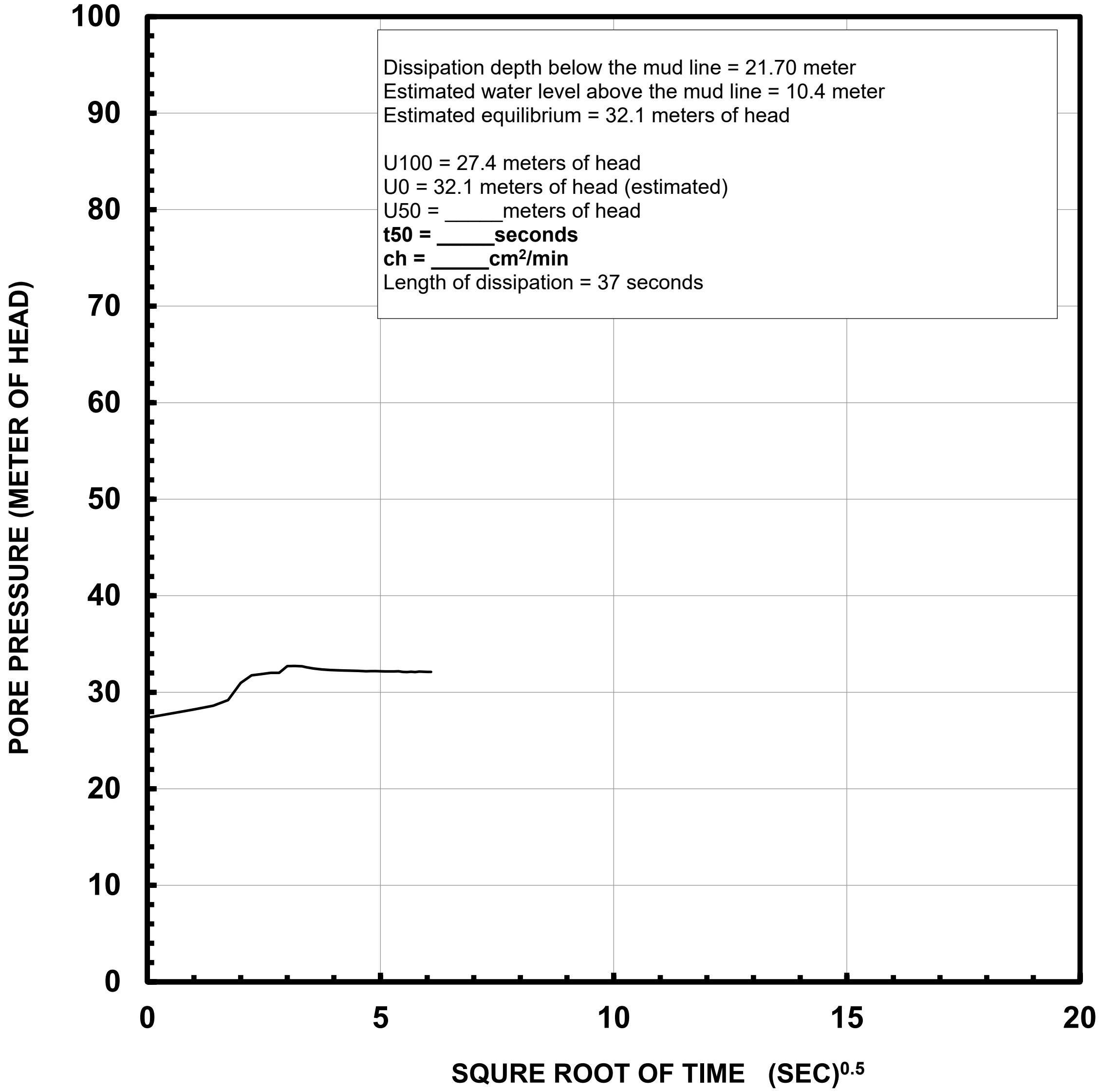
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
20.70 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

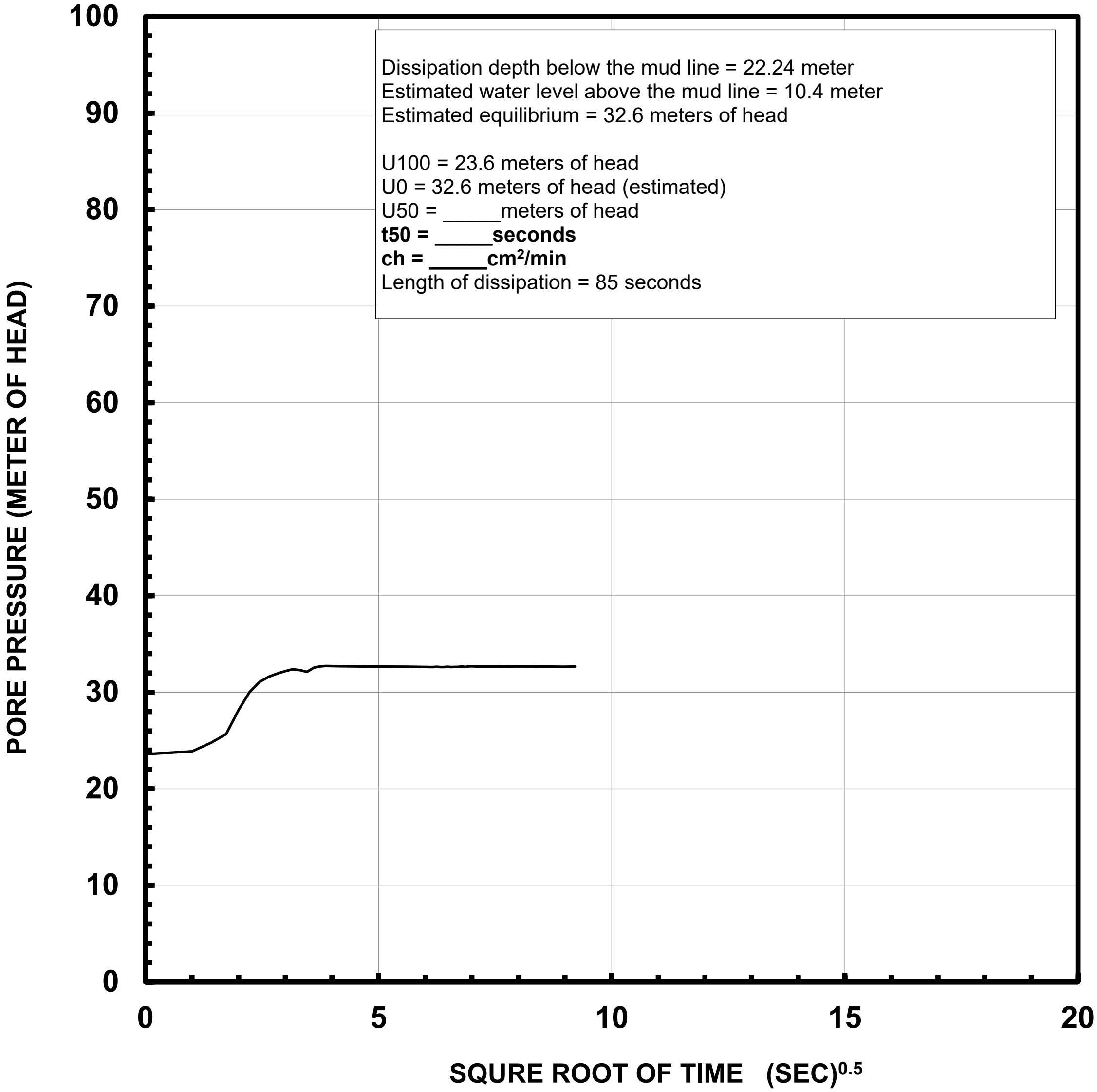
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
21.70 METER DEPTH
JUNE 29, 2023



Schwartz
SOIL TECH

ORANO

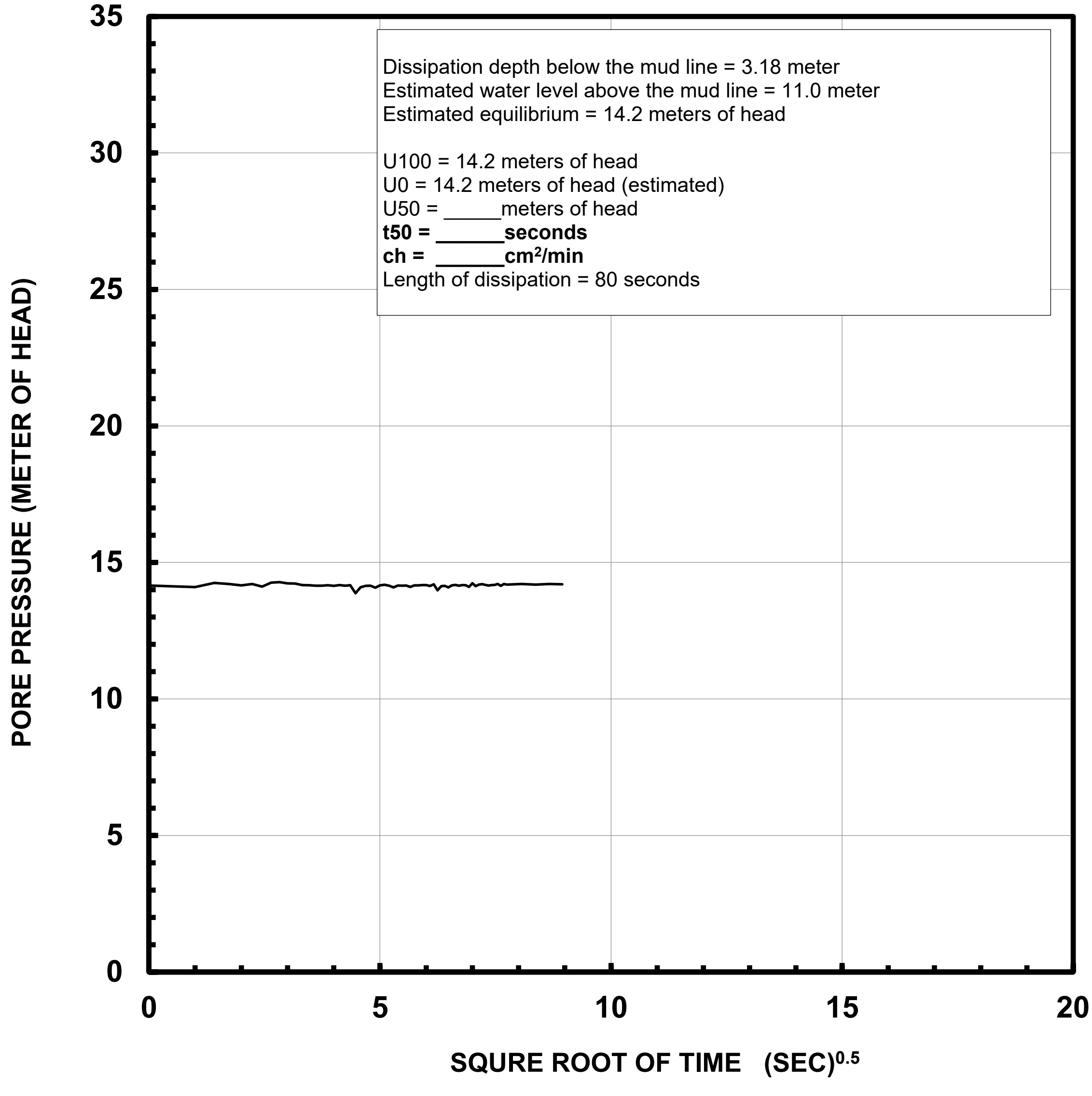
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 14
22.24 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

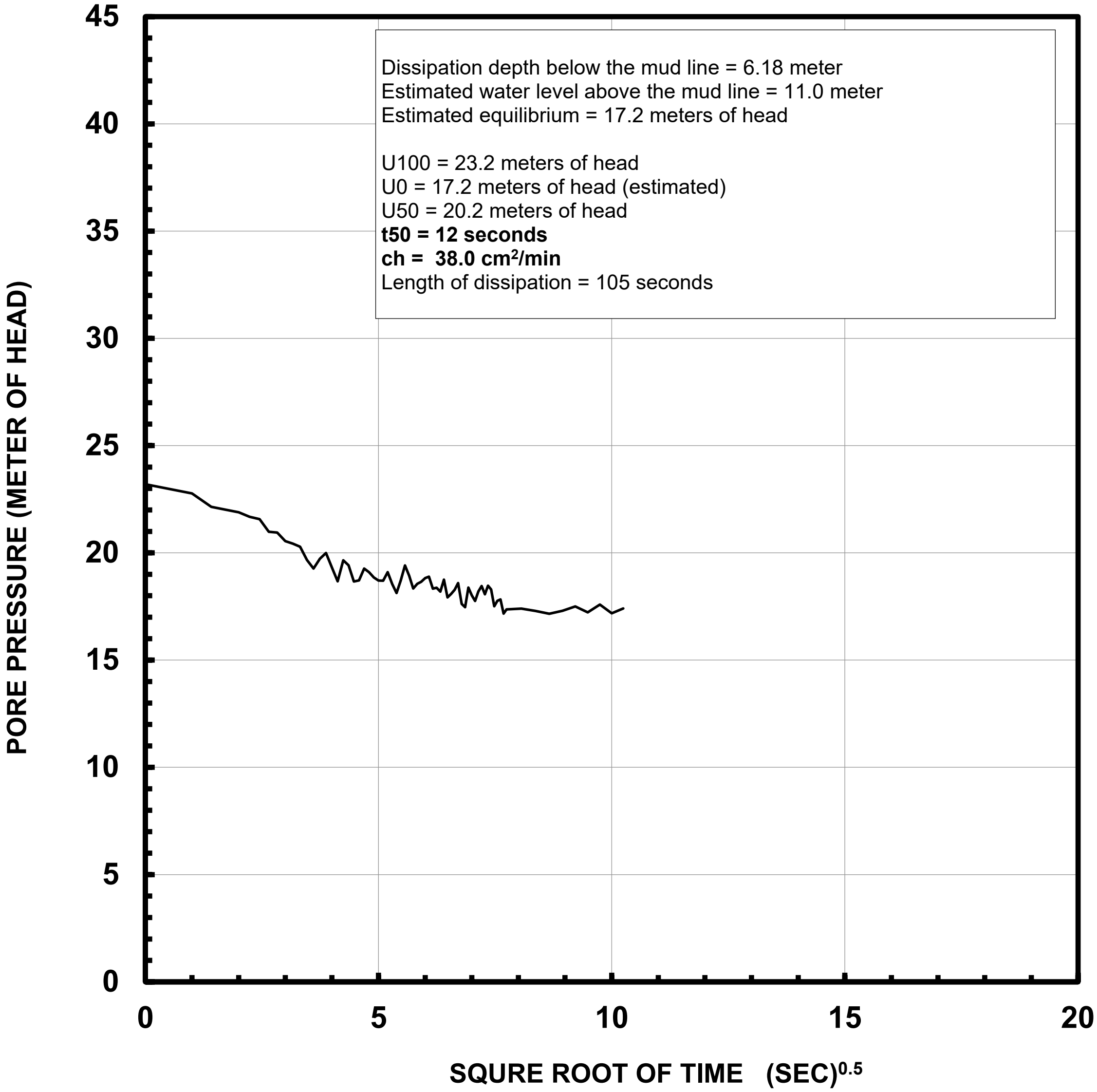
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
3.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

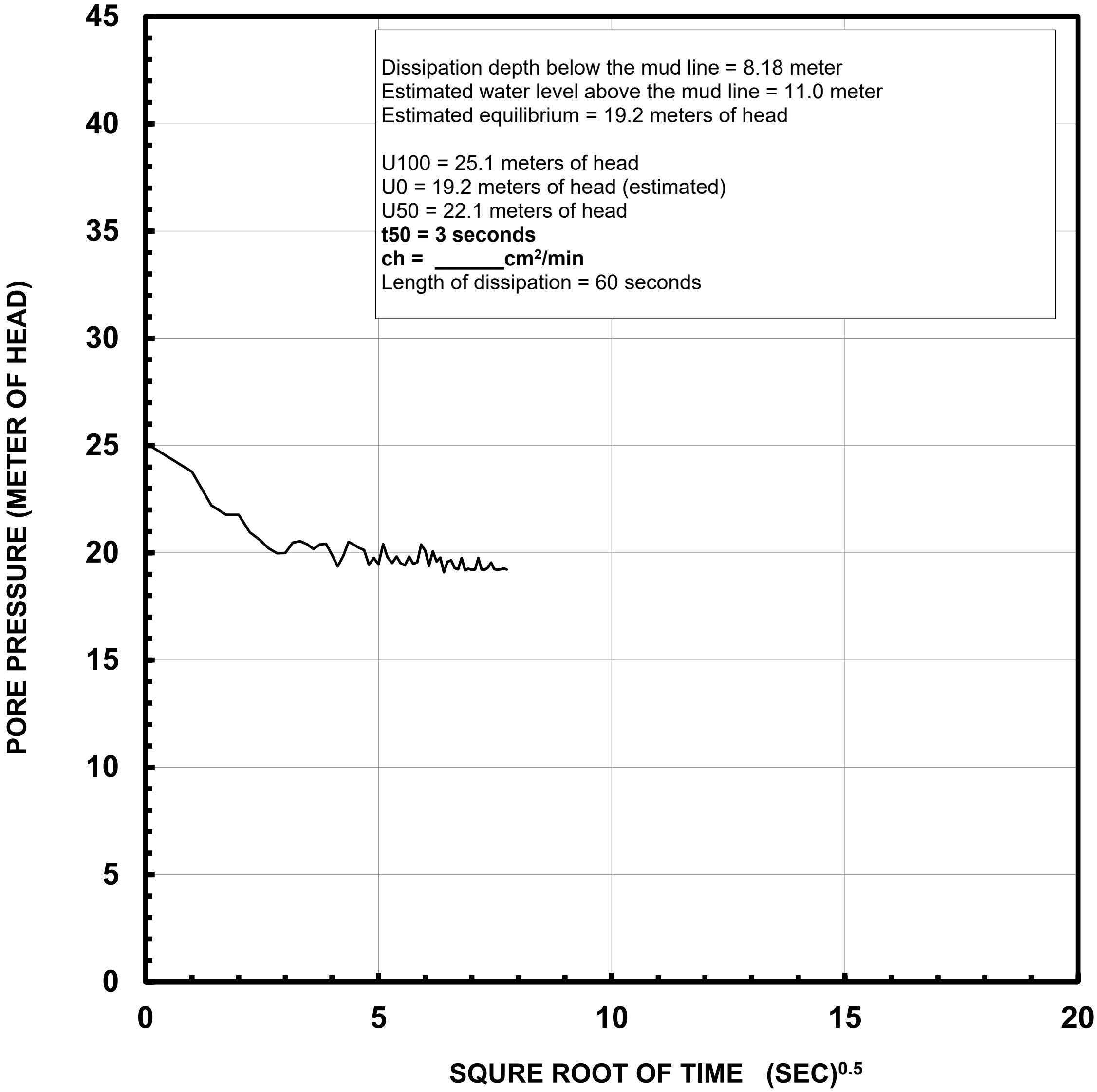
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
6.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

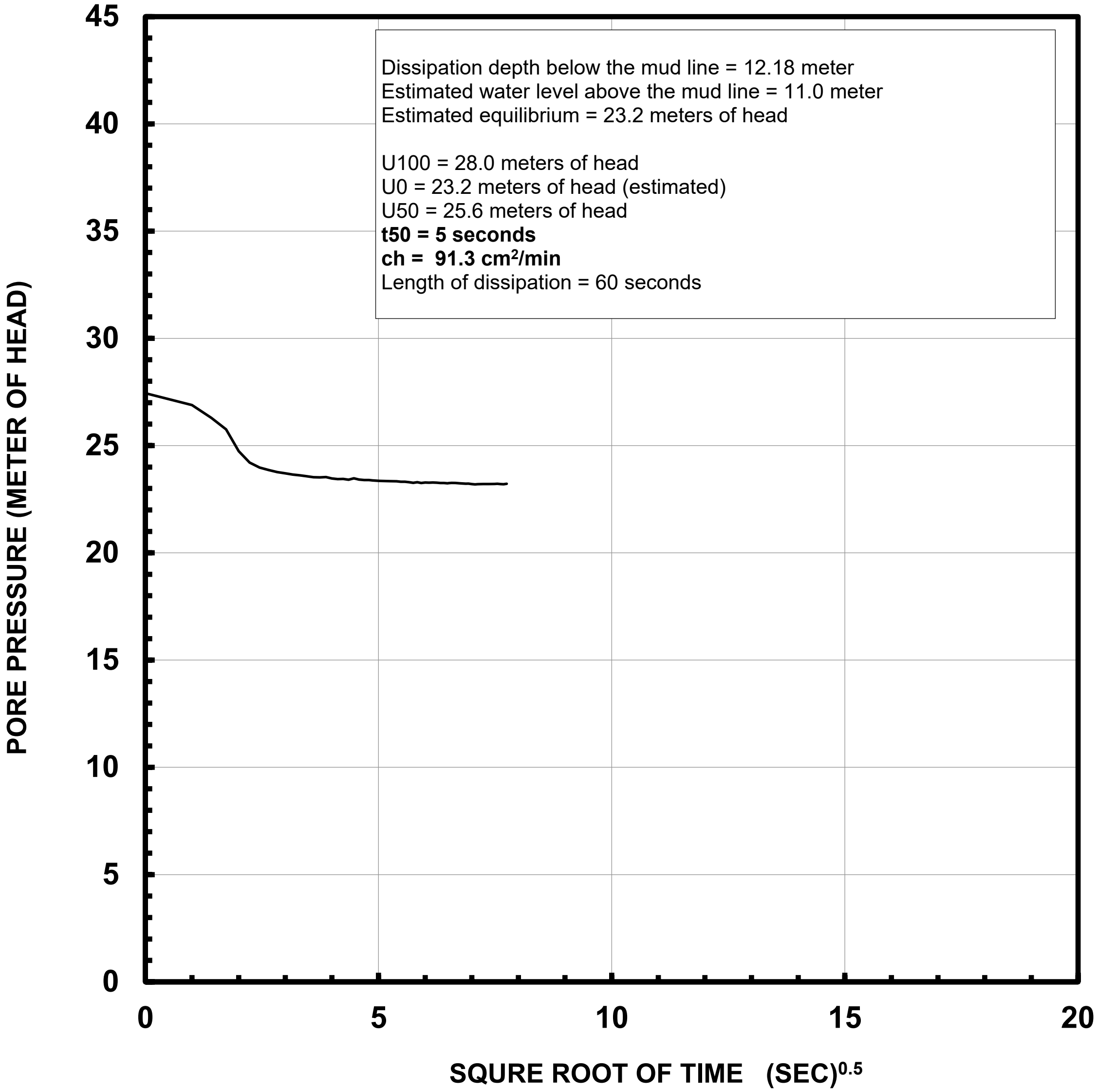
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
8.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

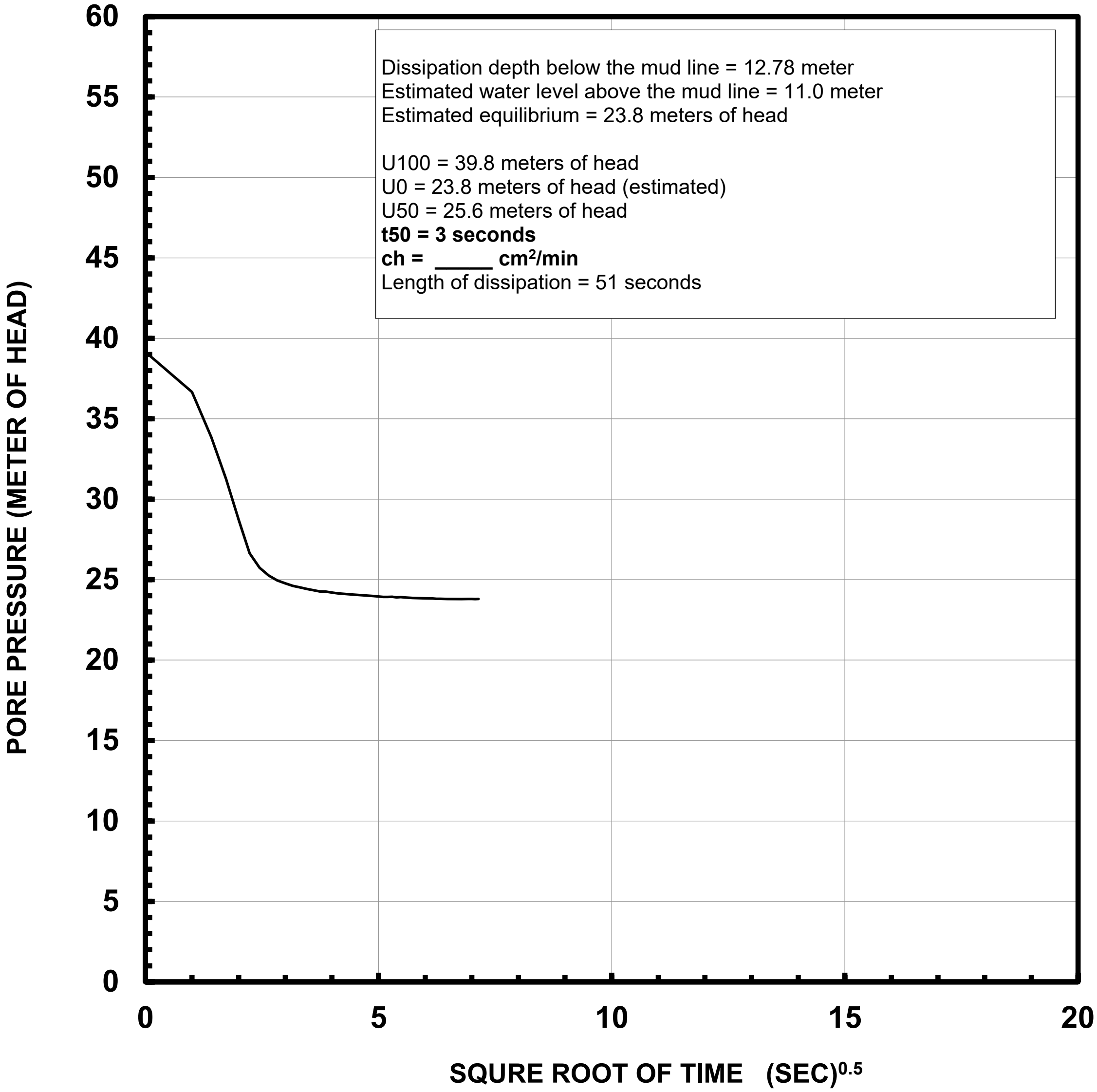
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
12.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

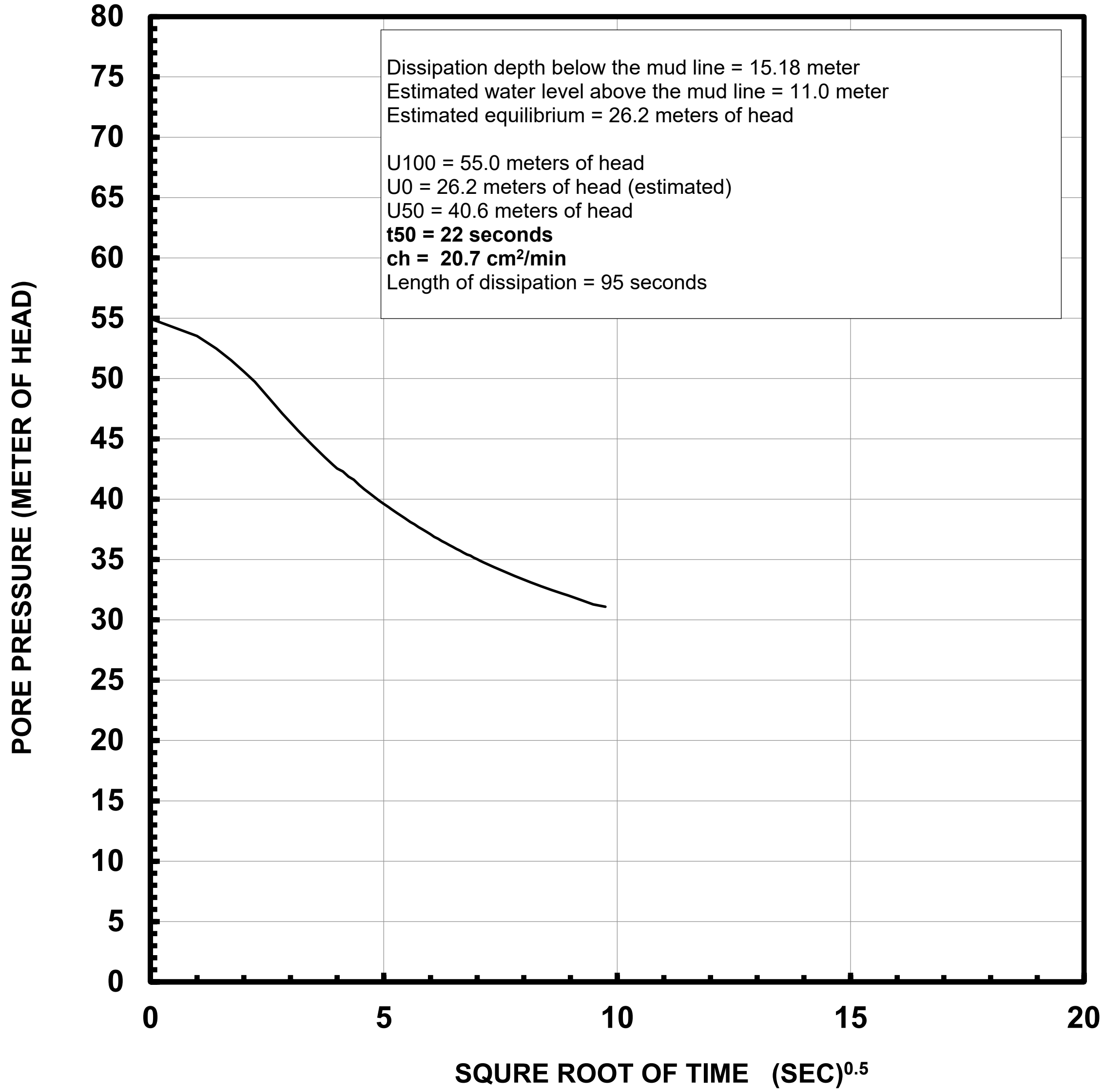
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
12.78 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

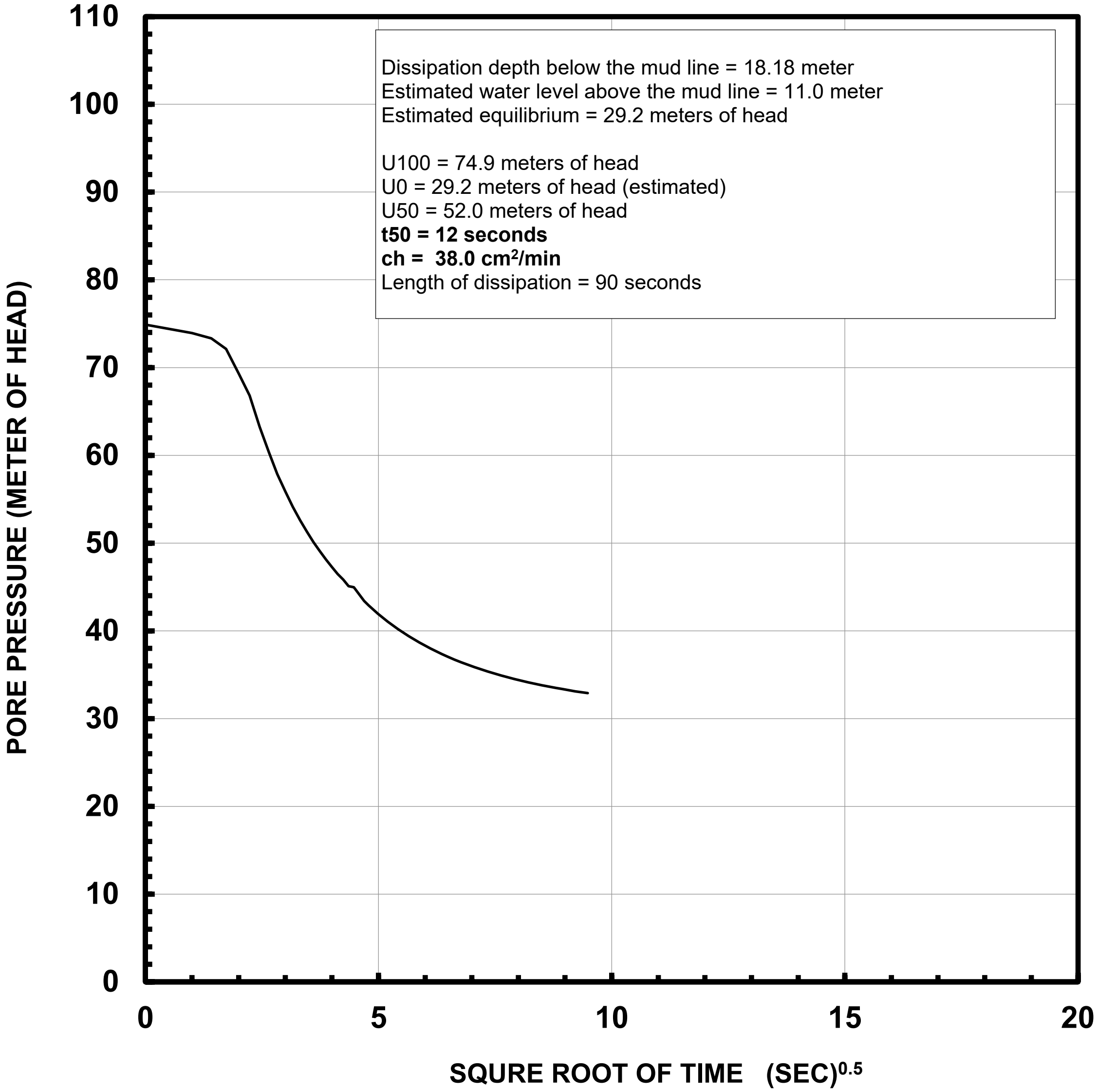
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
15.18 METER DEPTH
JUNE 30, 2023



ORANO

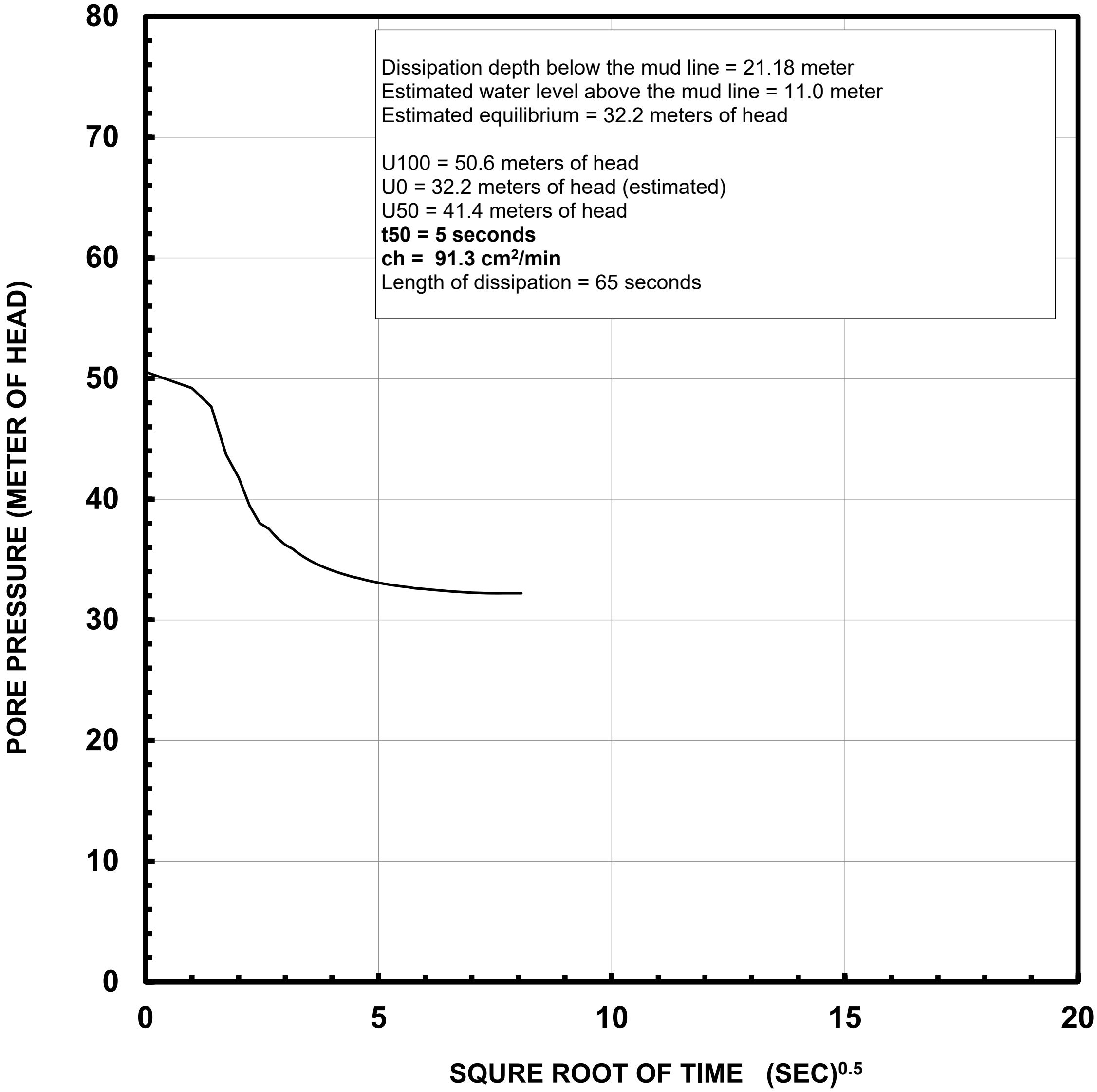
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
18.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

ORANO

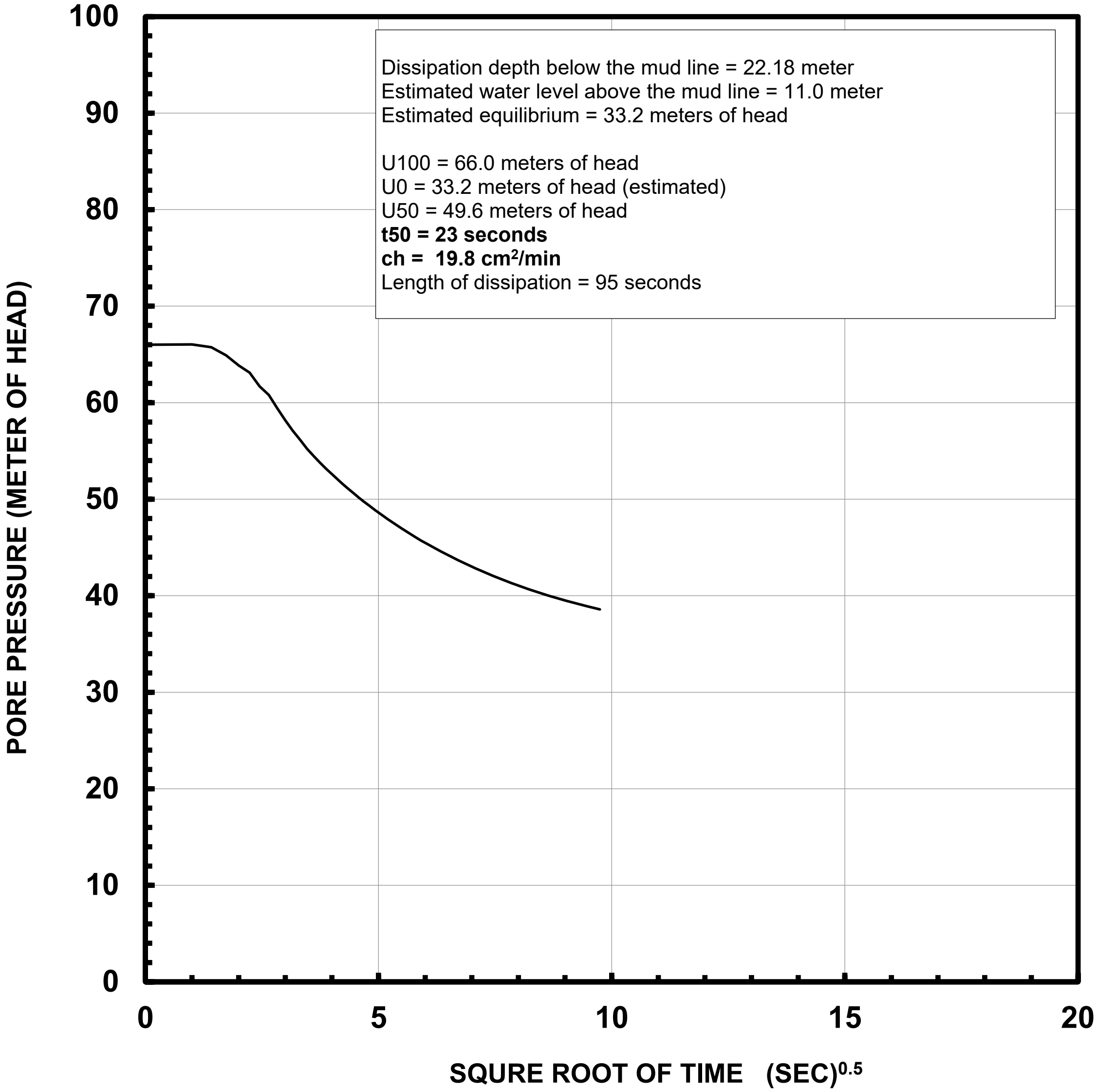
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
21.18 METER DEPTH
JUNE 30, 2023



Schwartz
SOIL TECH

ORANO

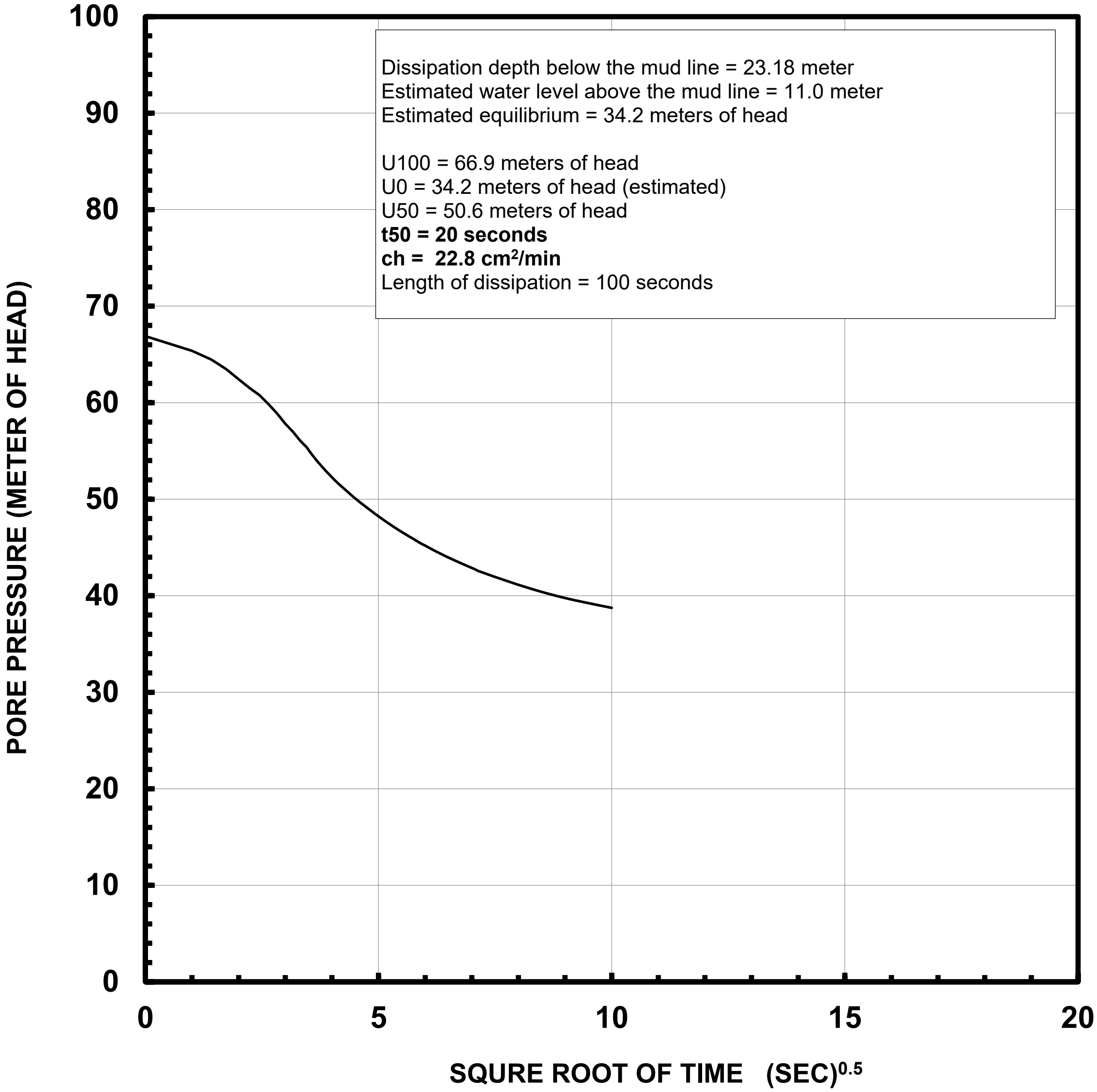
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
22.18 METER DEPTH
JUNE 30, 2023



Schwartz SOIL TECH

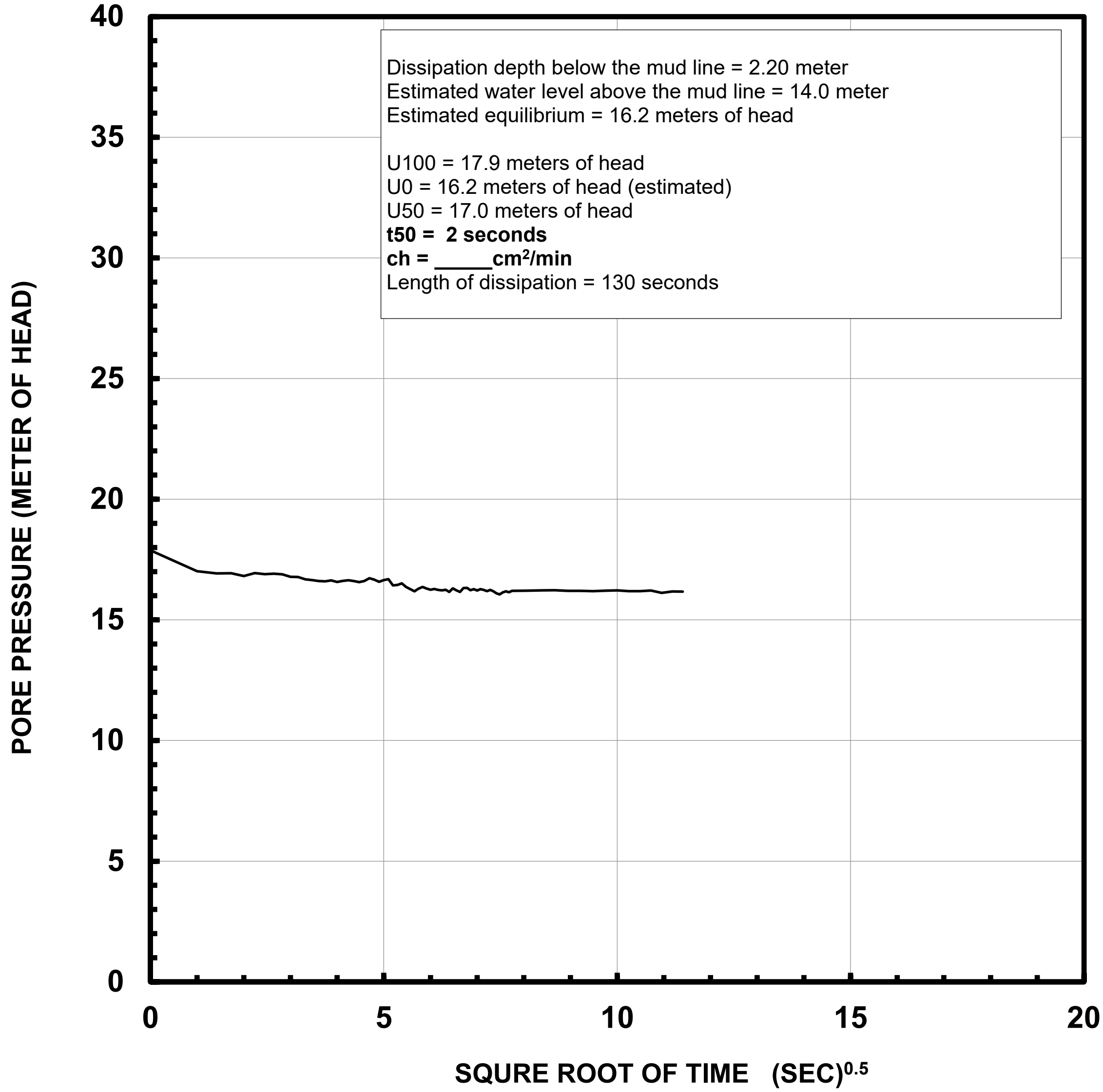
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 15
23.18 METER DEPTH
JUNE 30, 2023



ORANO

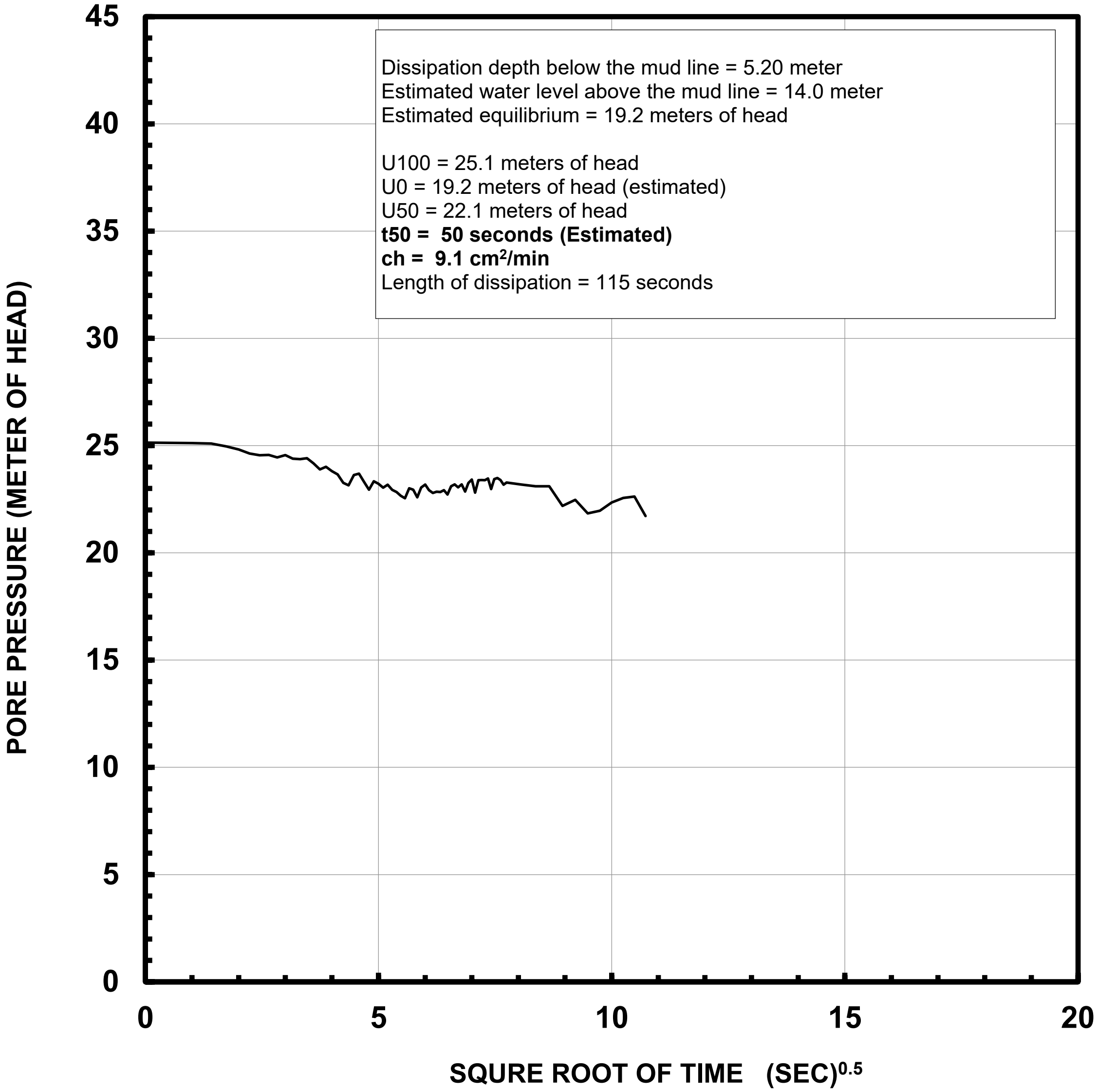
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
2.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

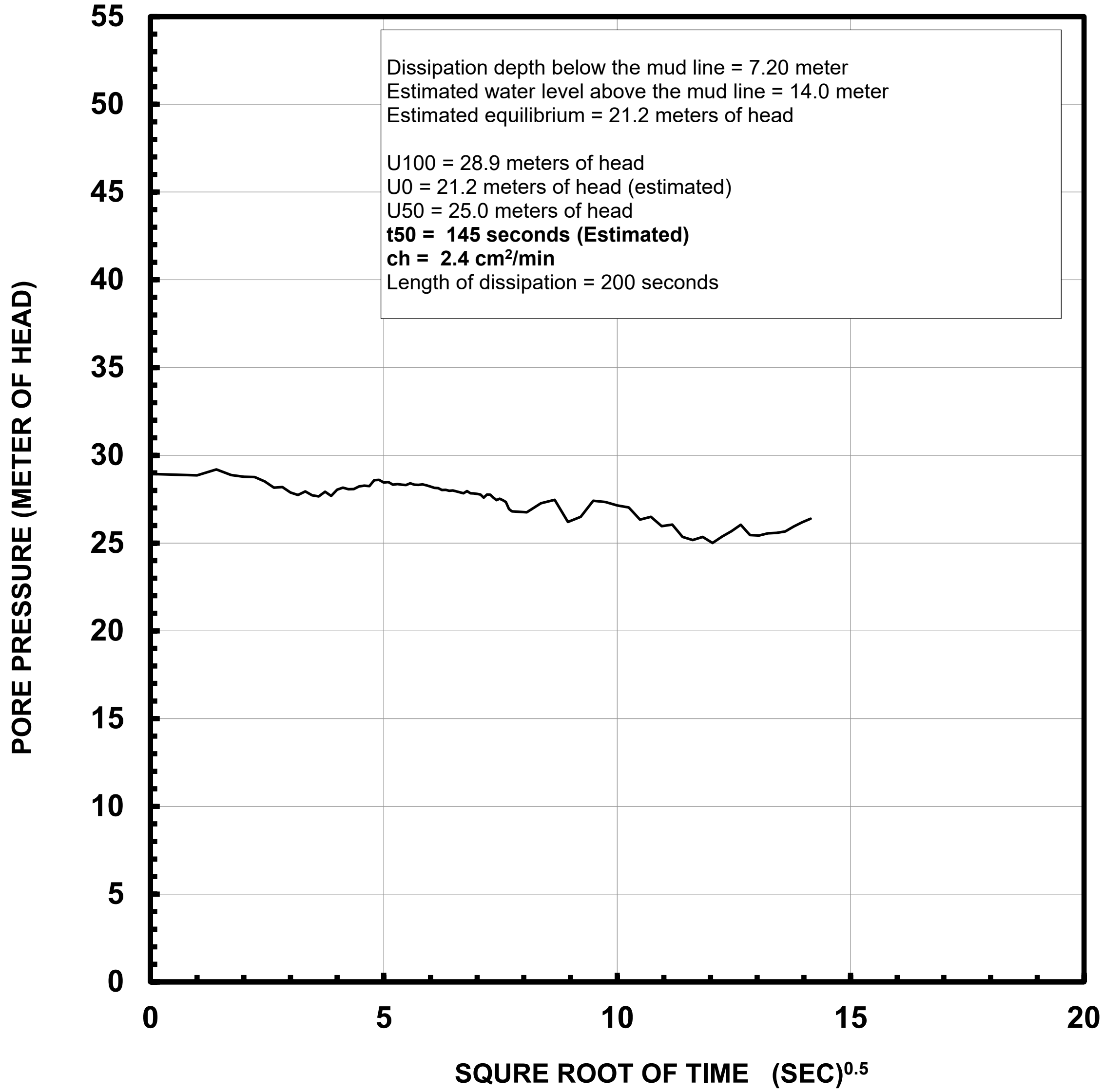
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
5.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

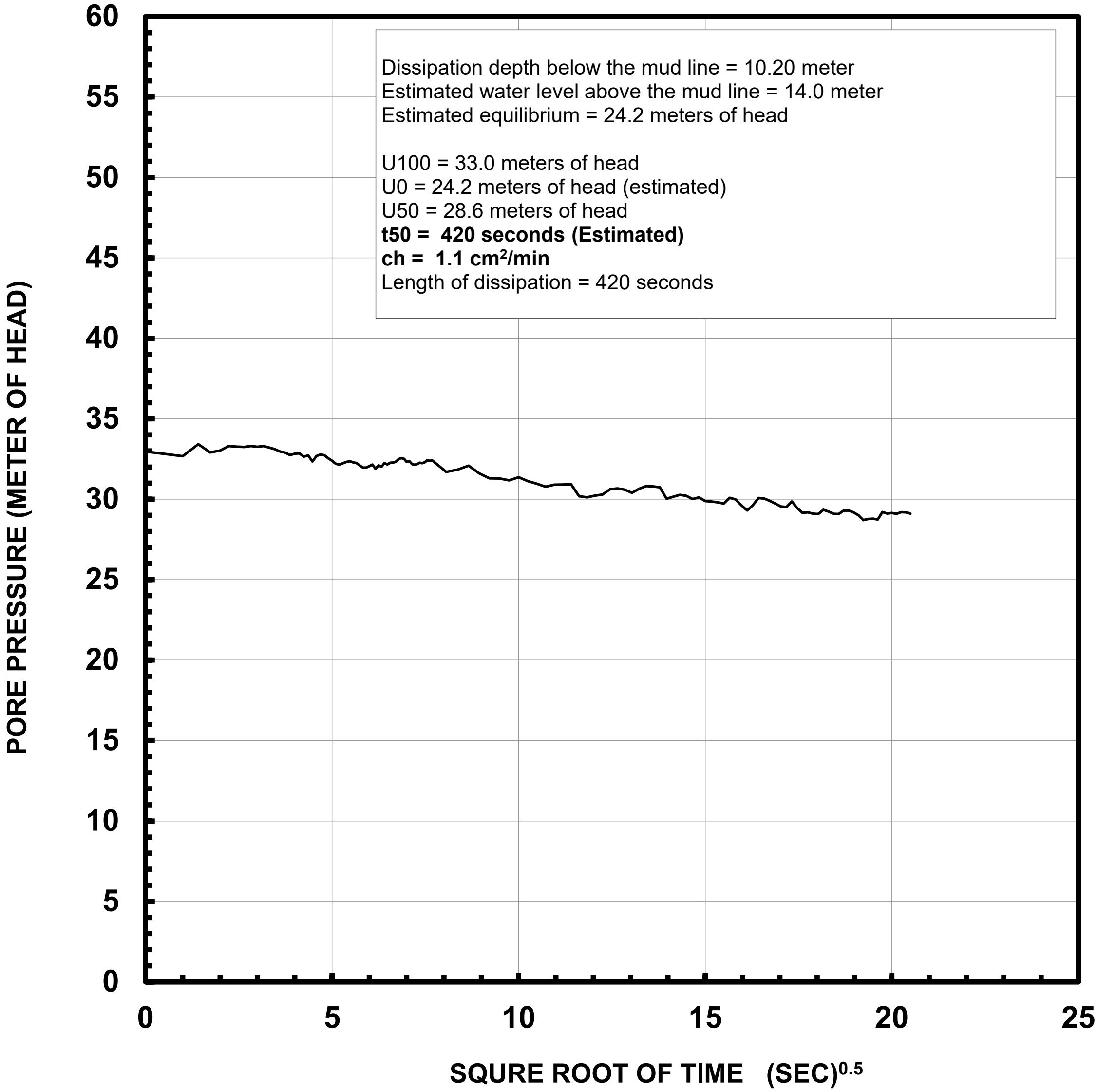
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
7.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

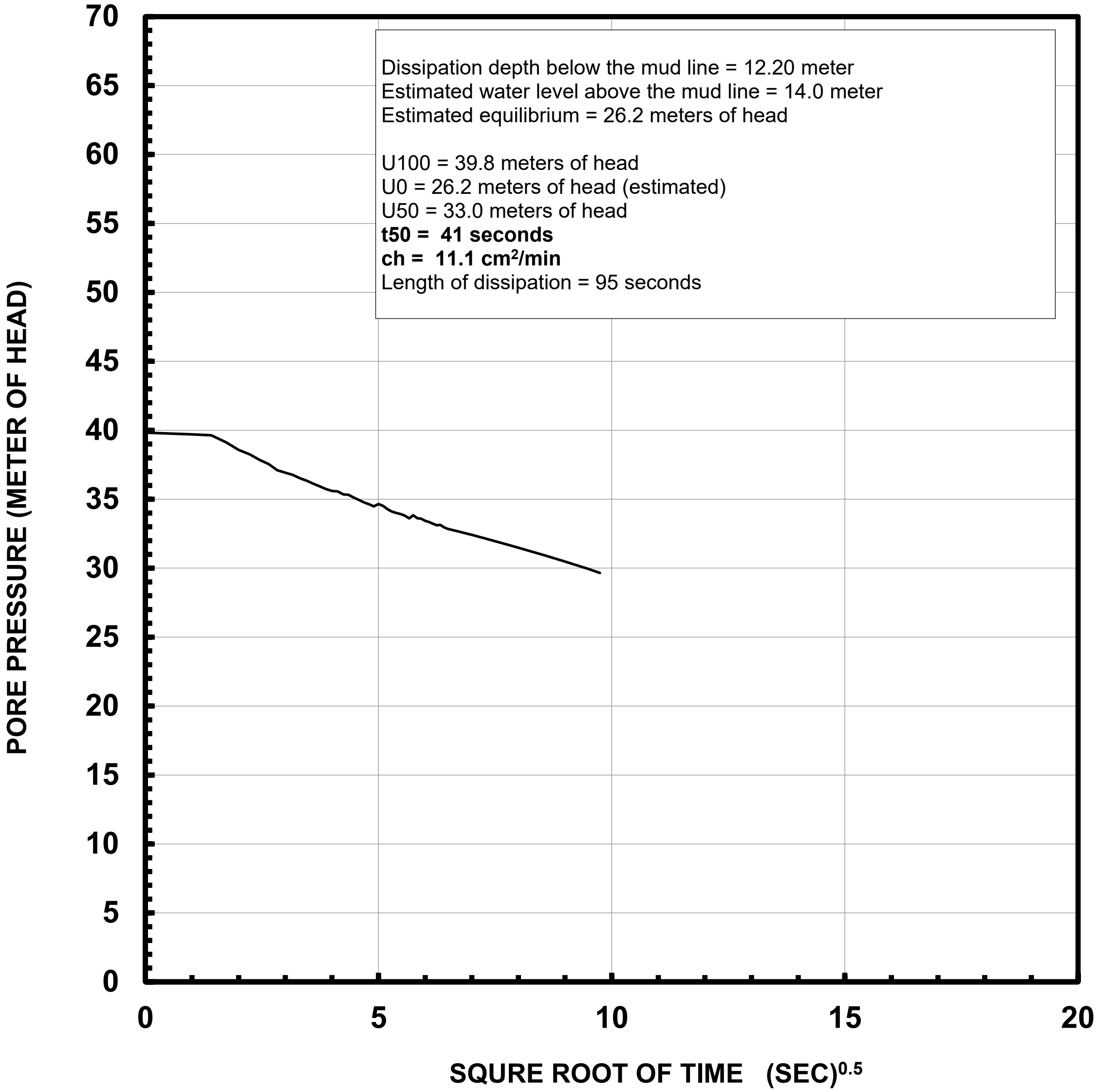
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
10.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

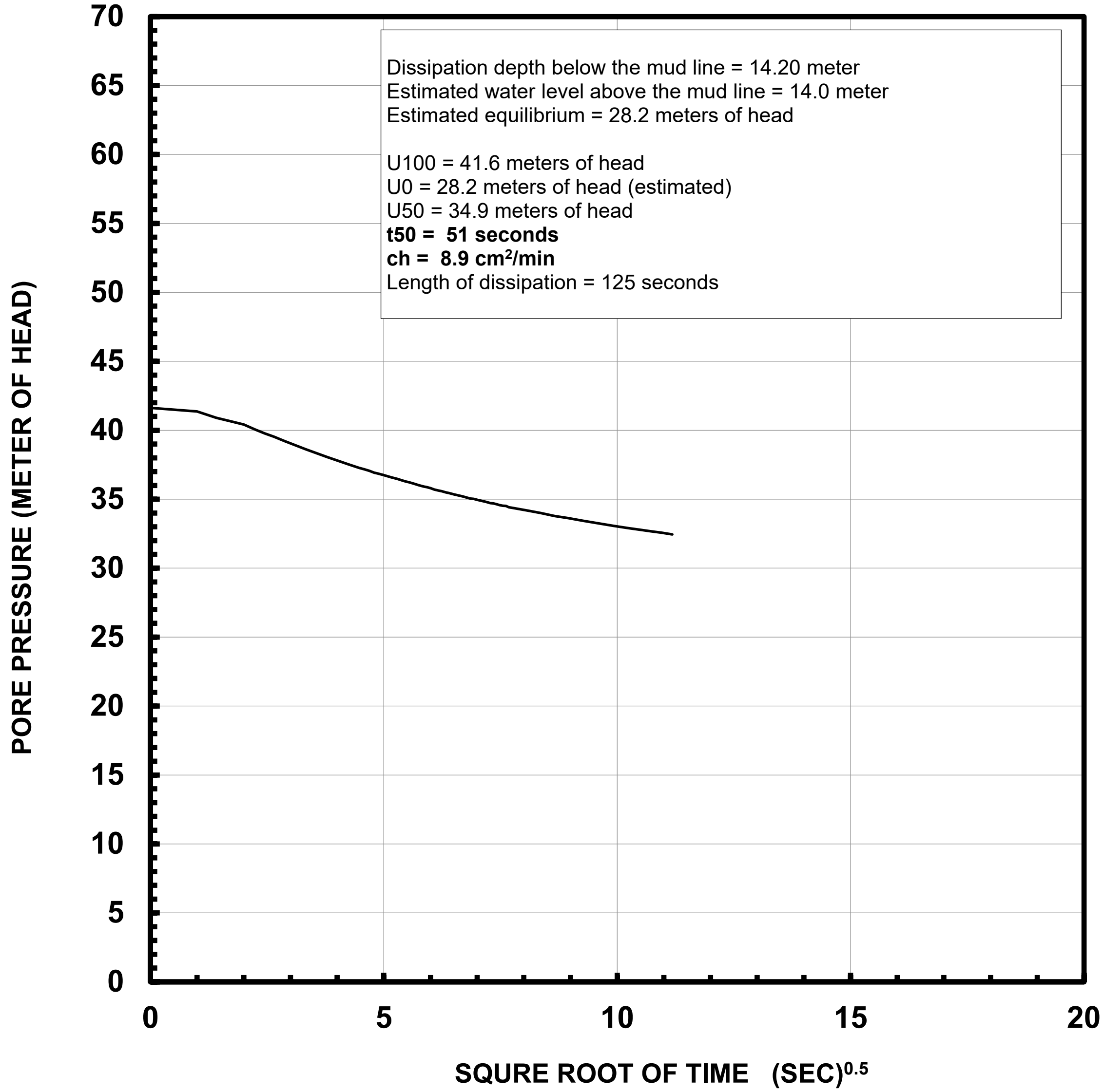
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
12.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

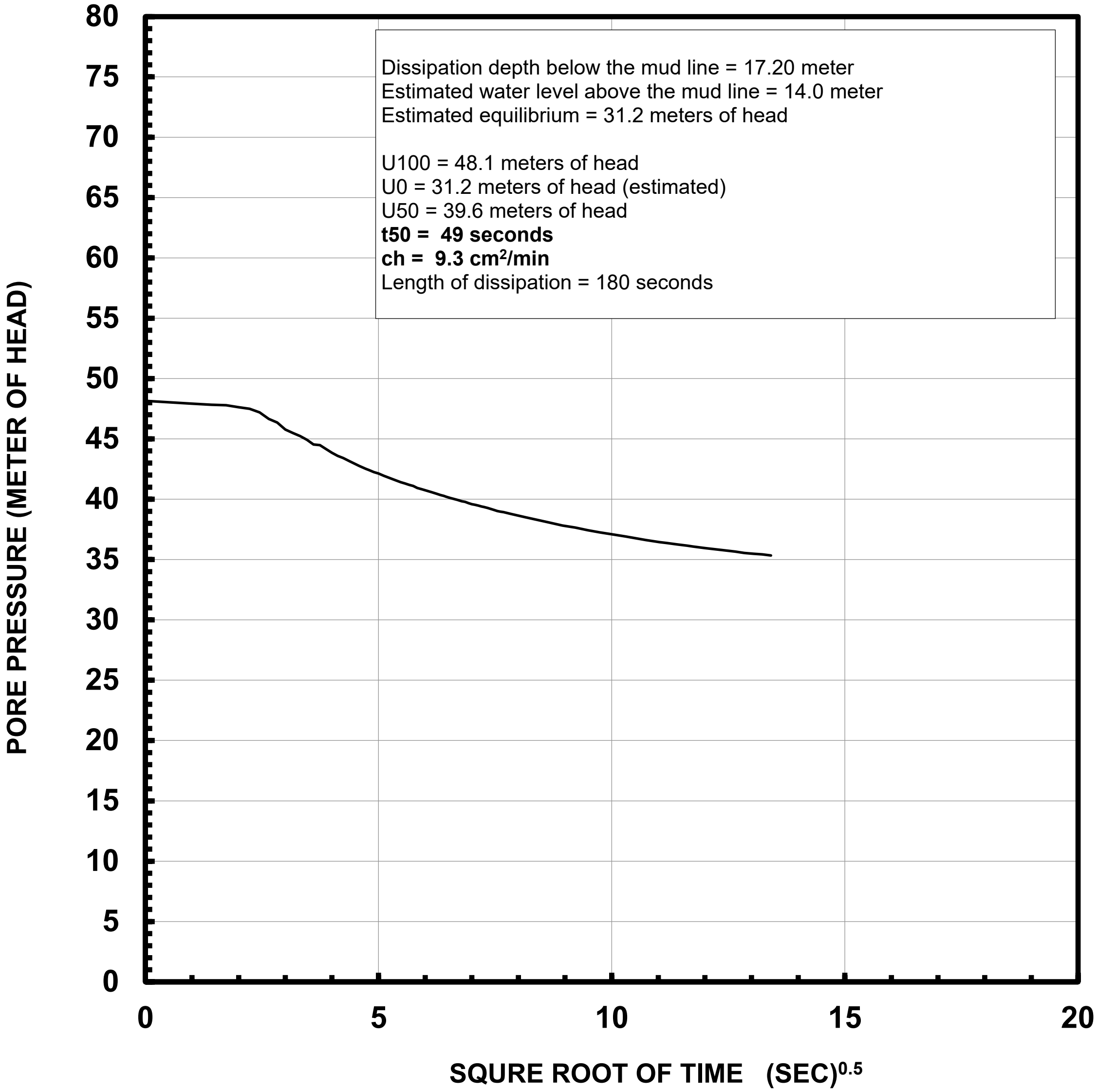
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
14.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

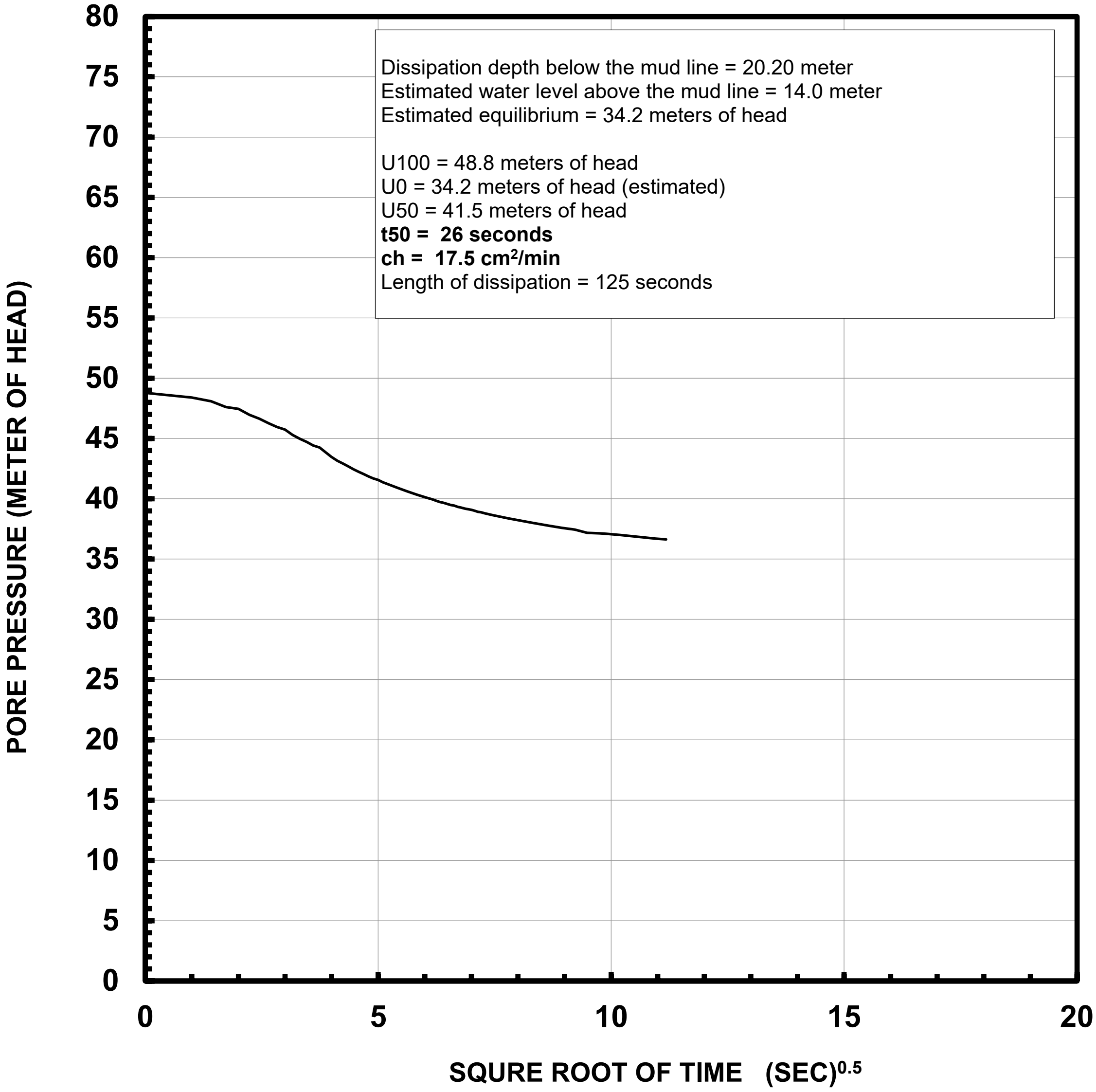
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
17.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

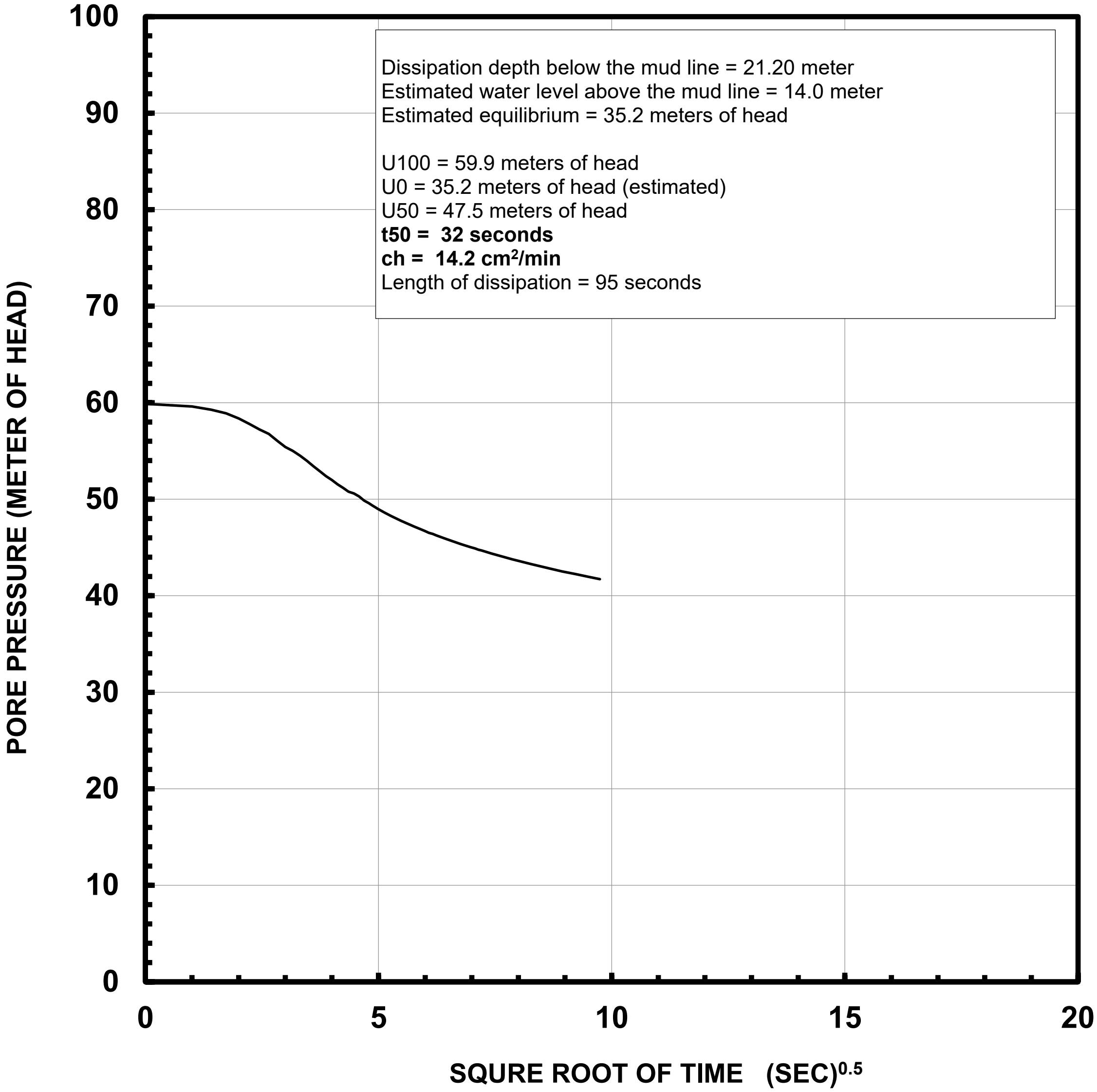
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
20.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

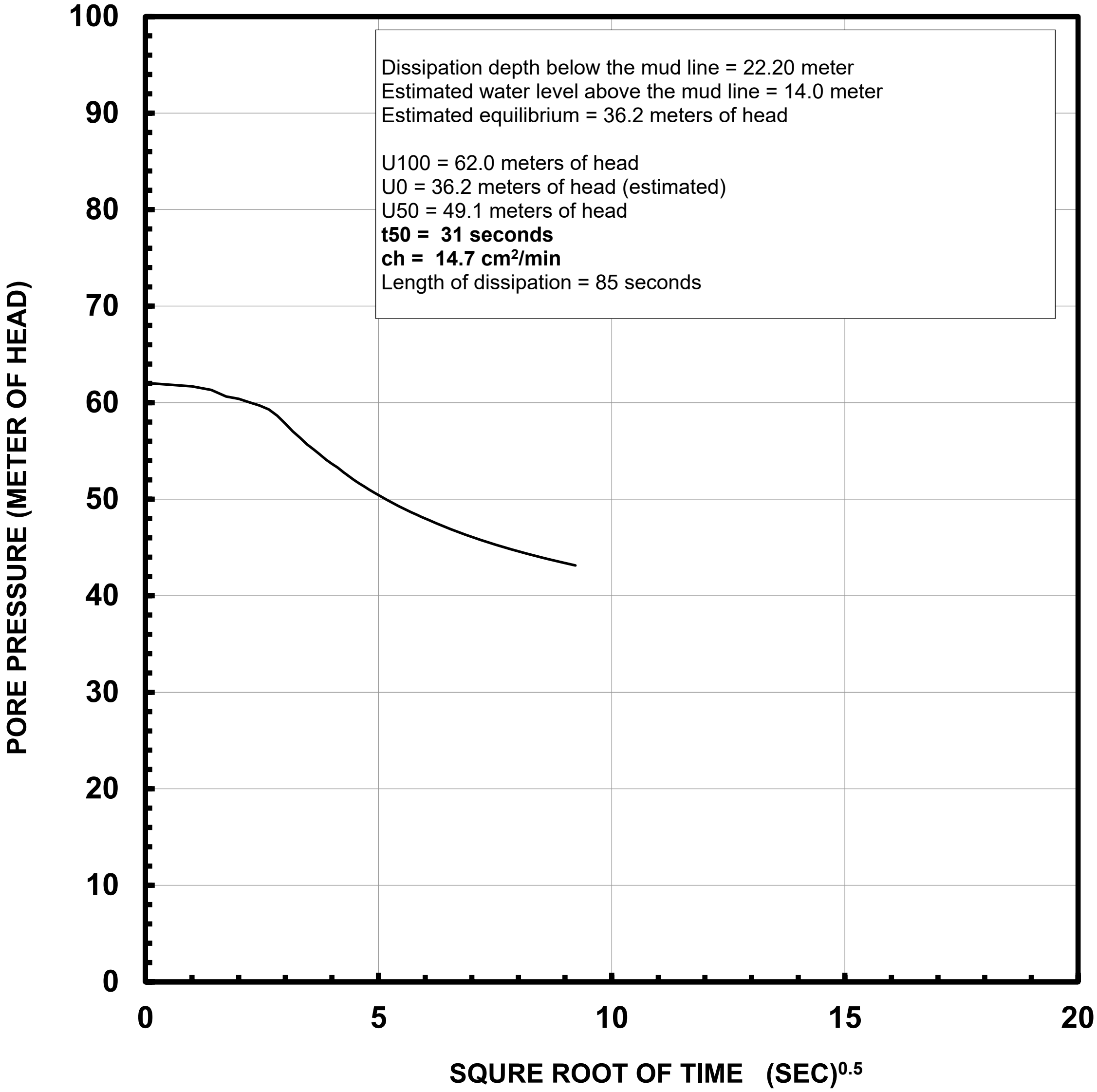
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
21.20 METER DEPTH
JUNE 29, 2023



ORANO

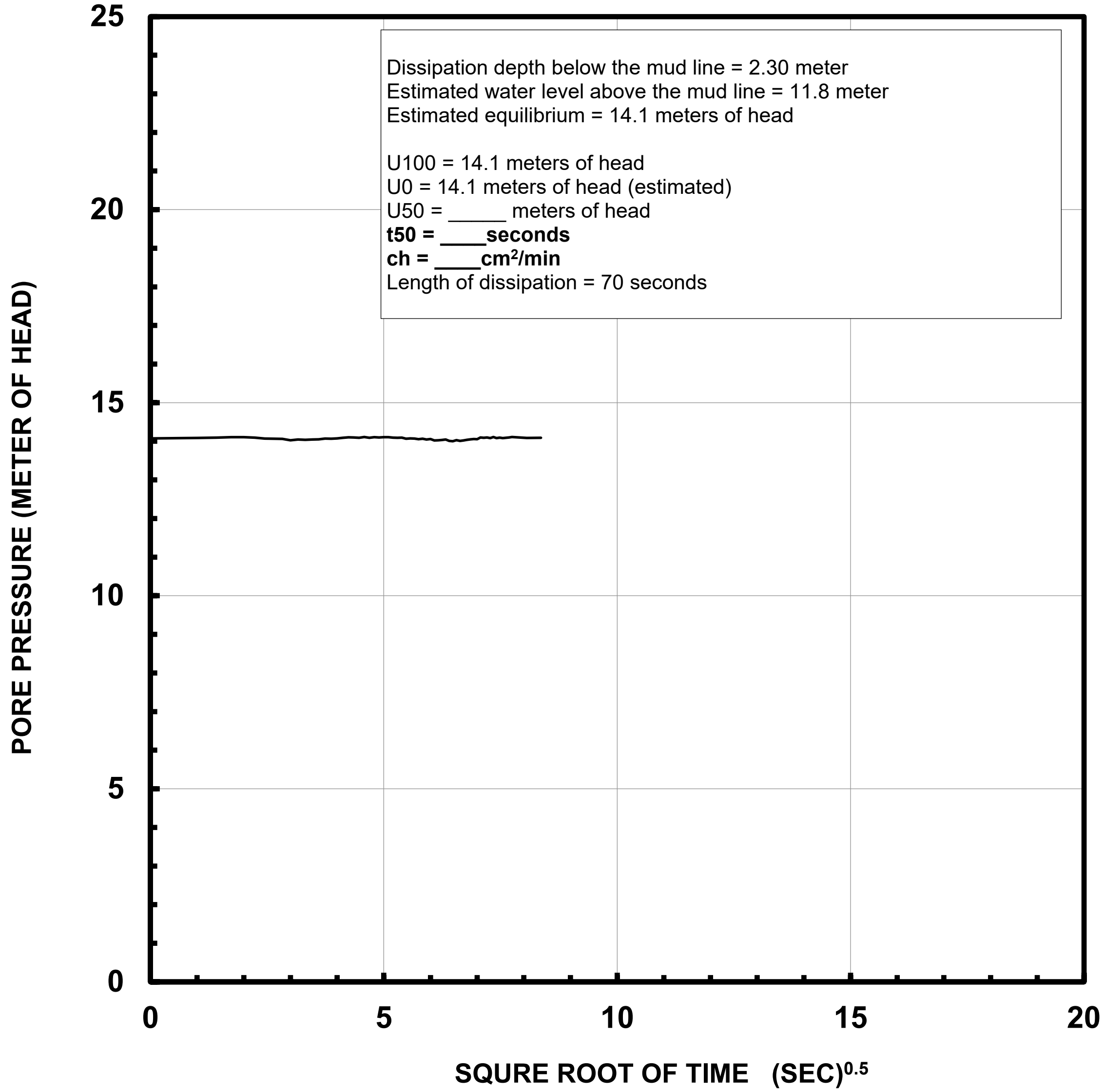
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 16
22.20 METER DEPTH
JUNE 29, 2023



Schwartz SOIL TECH

ORANO

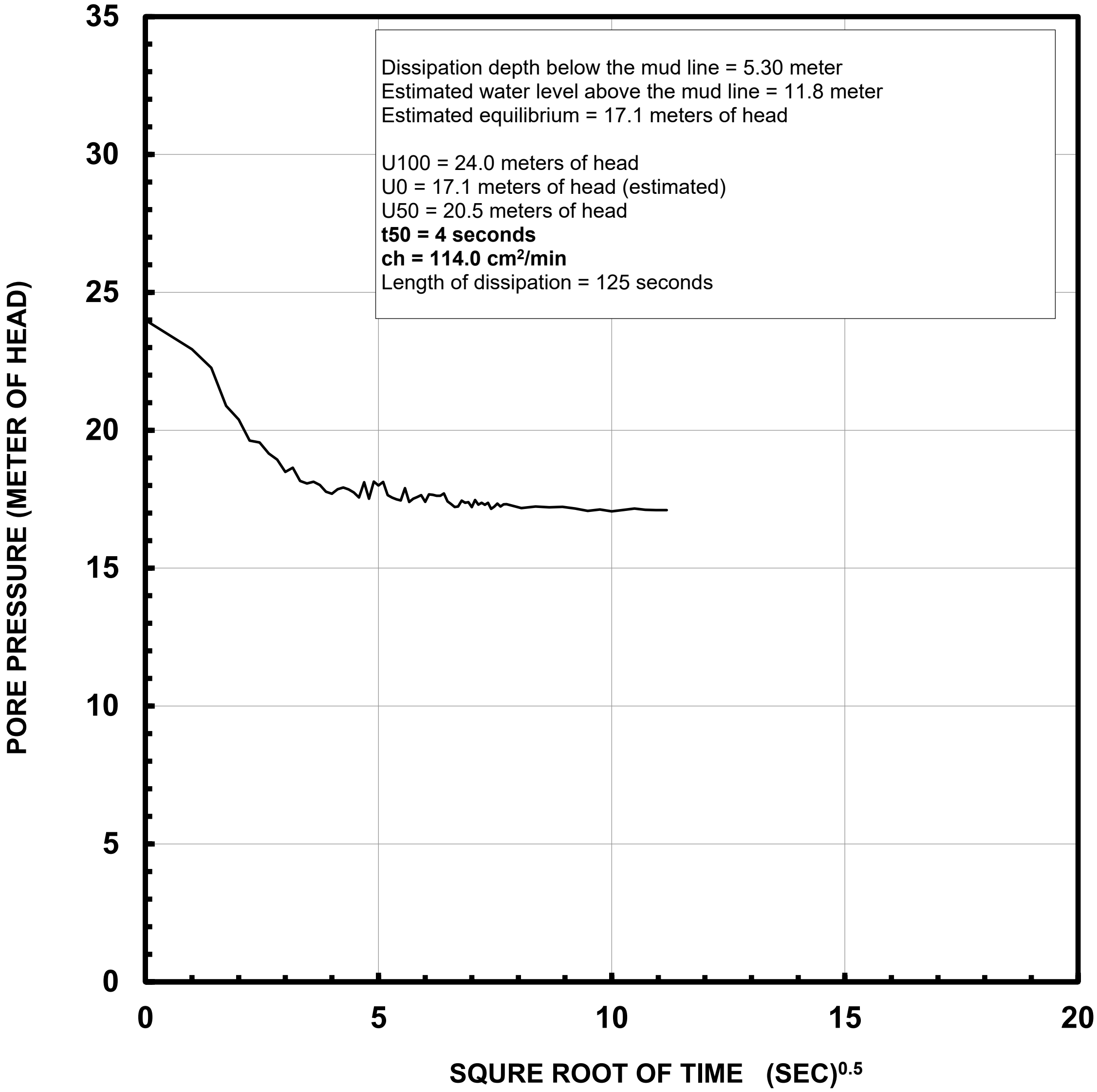
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 17
2.30 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

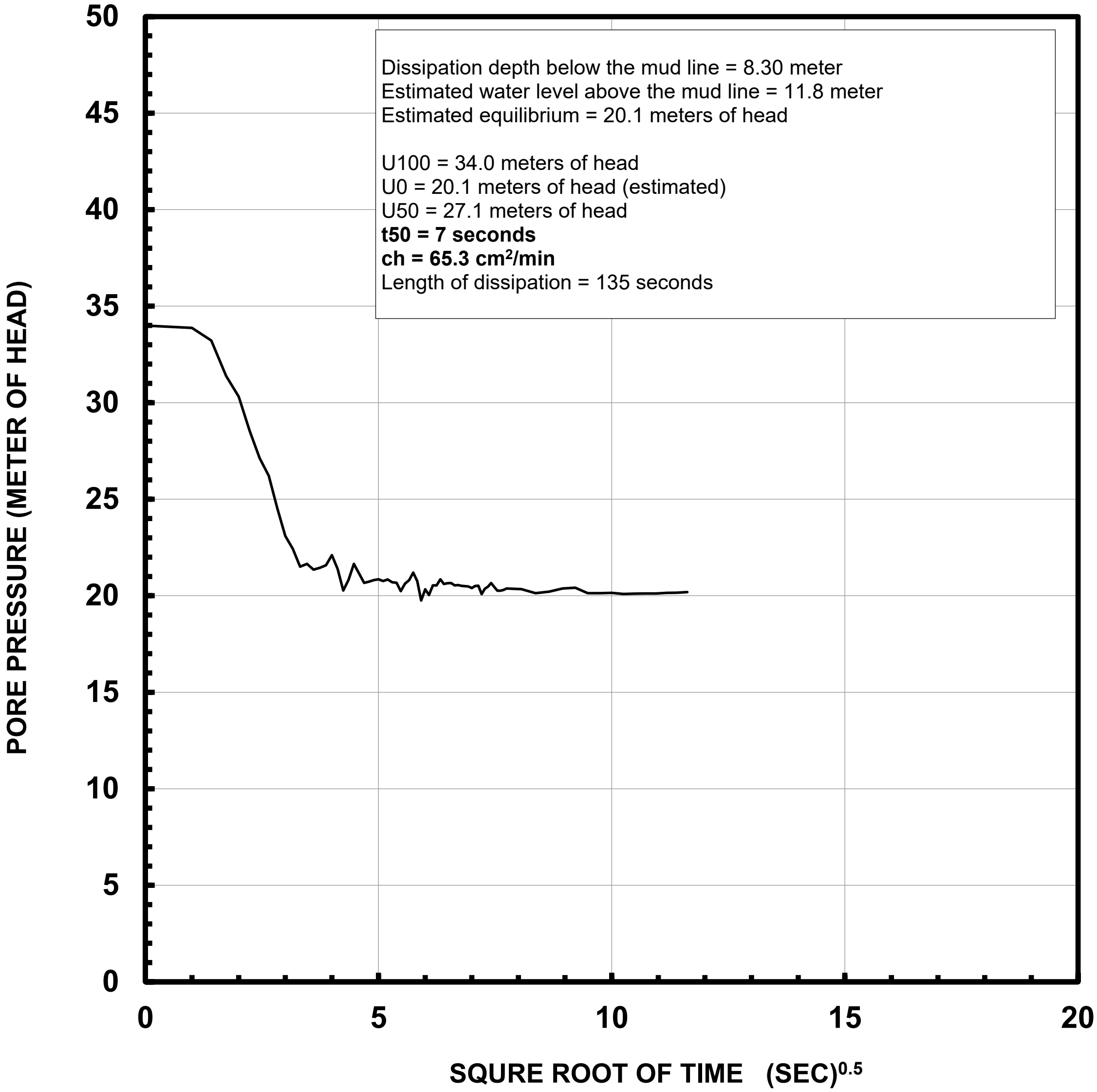
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 17
5.30 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

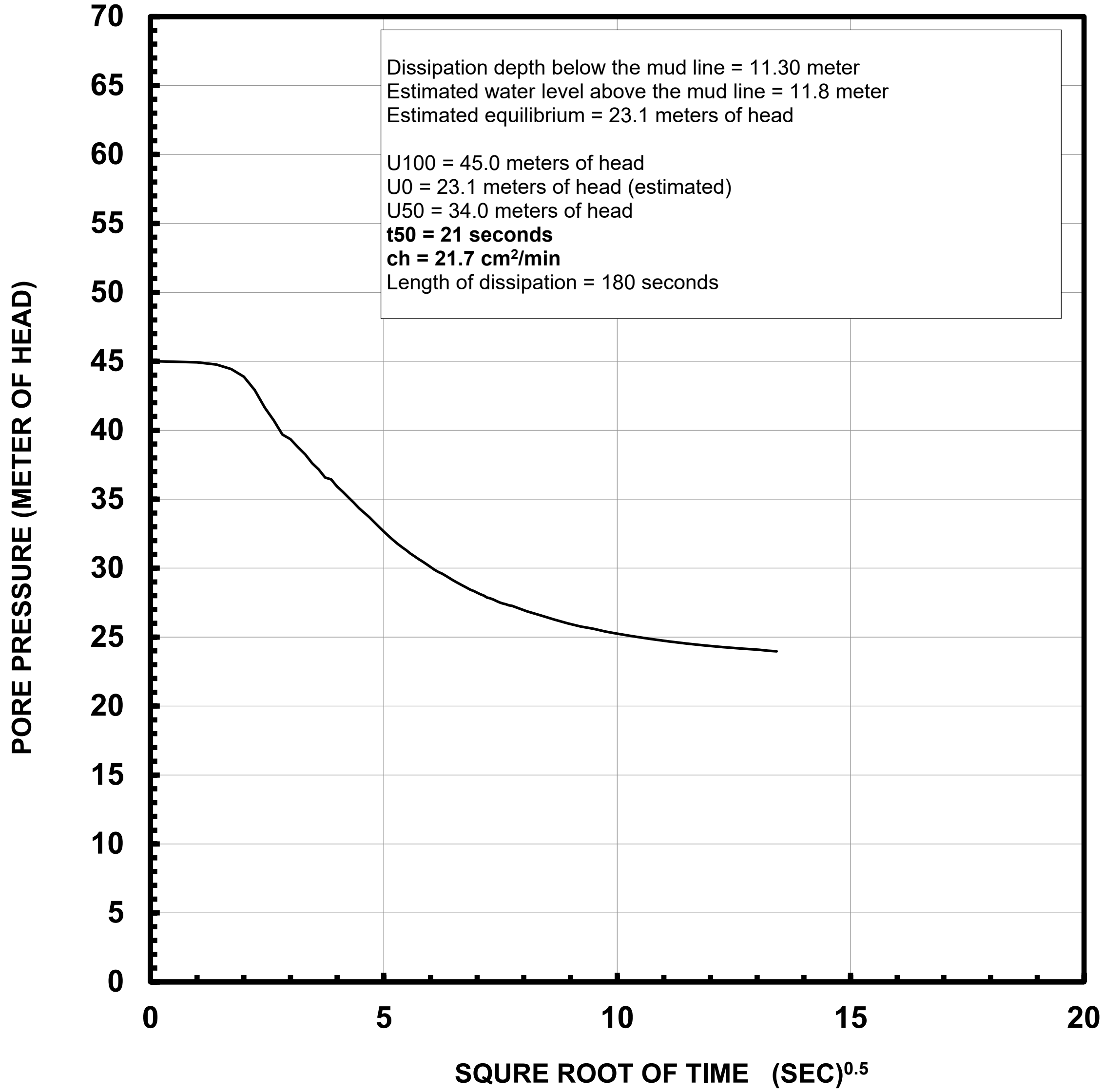
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 17
8.30 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

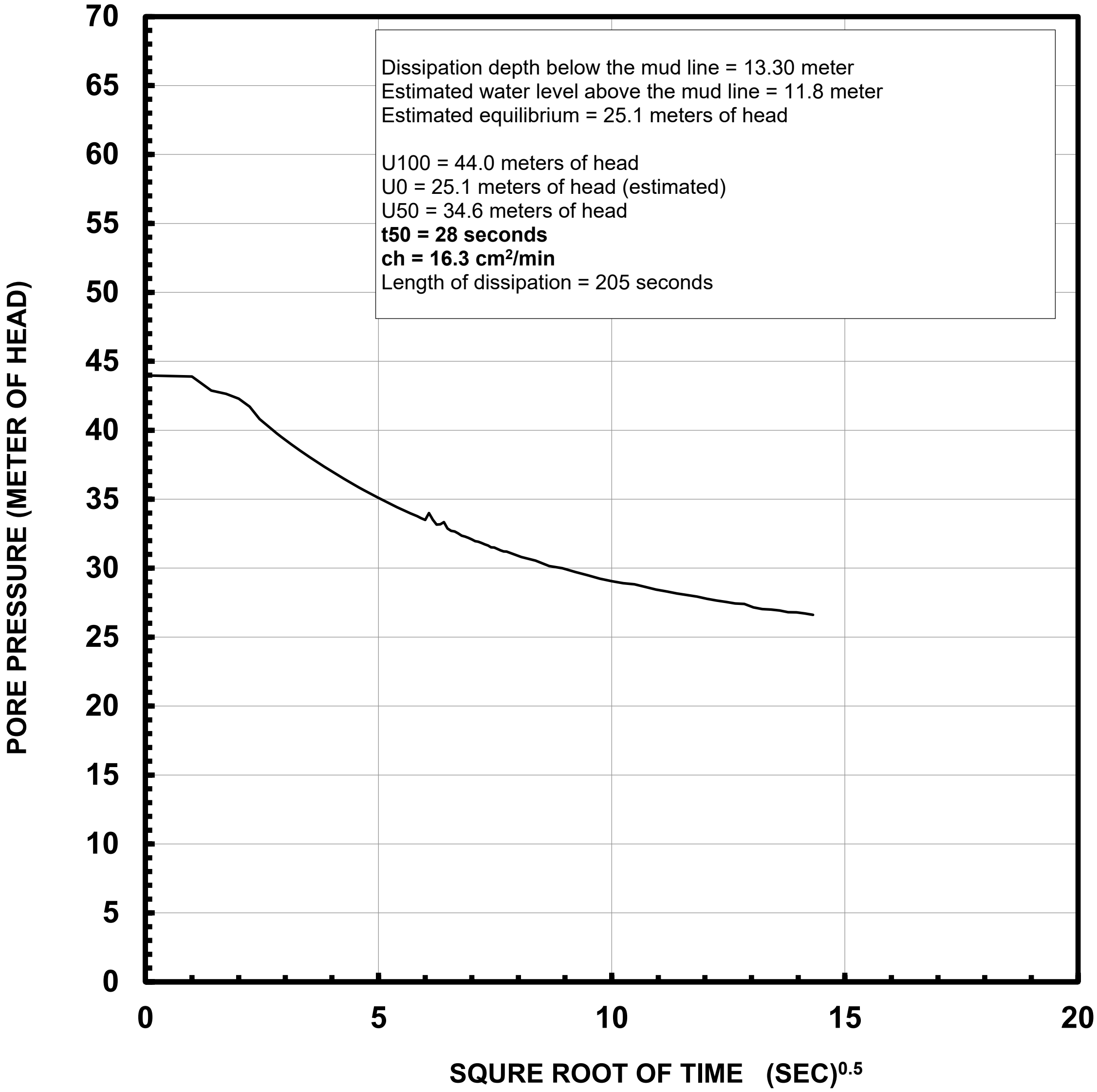
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 17
11.30 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

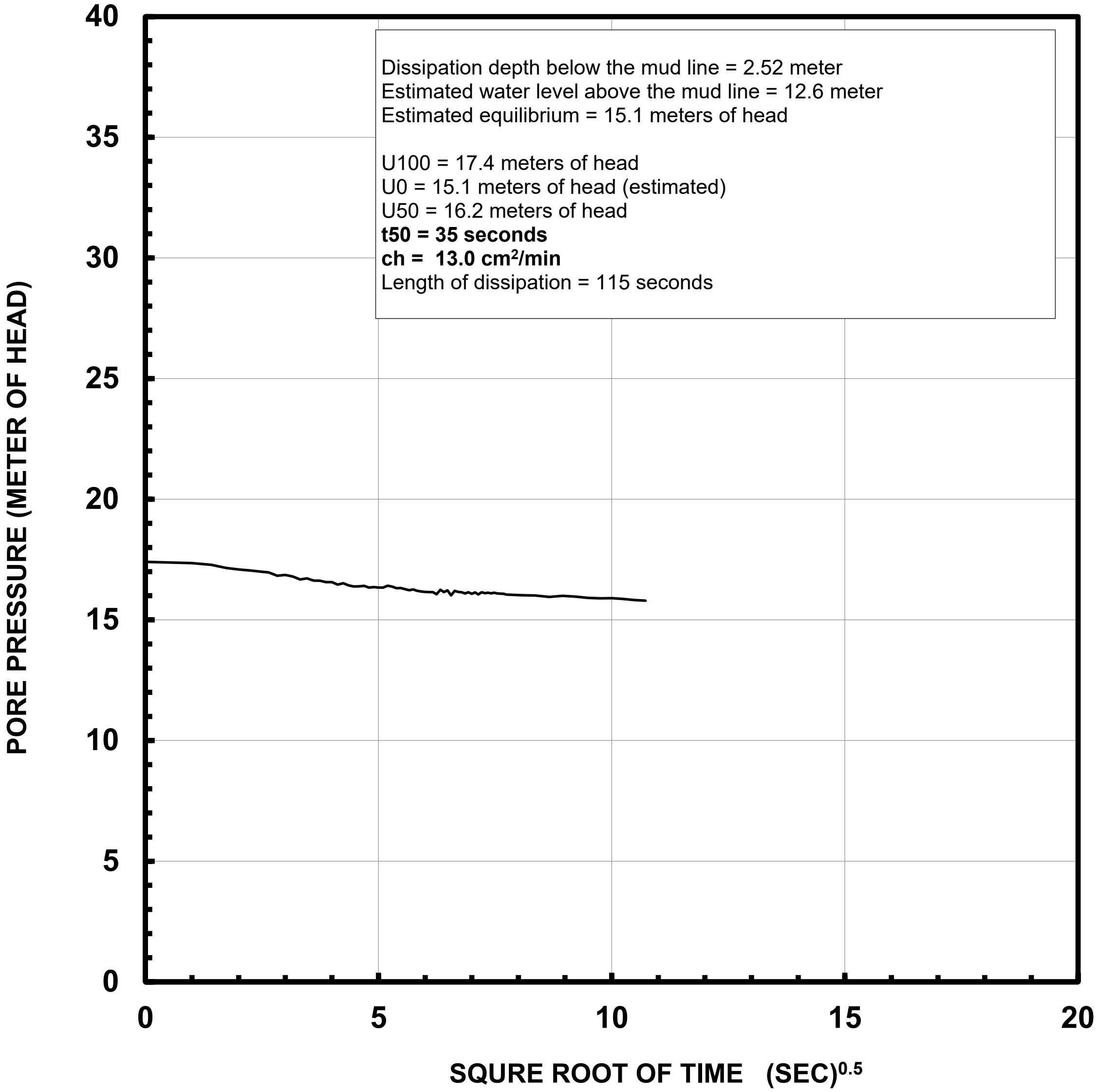
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 17
13.30 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

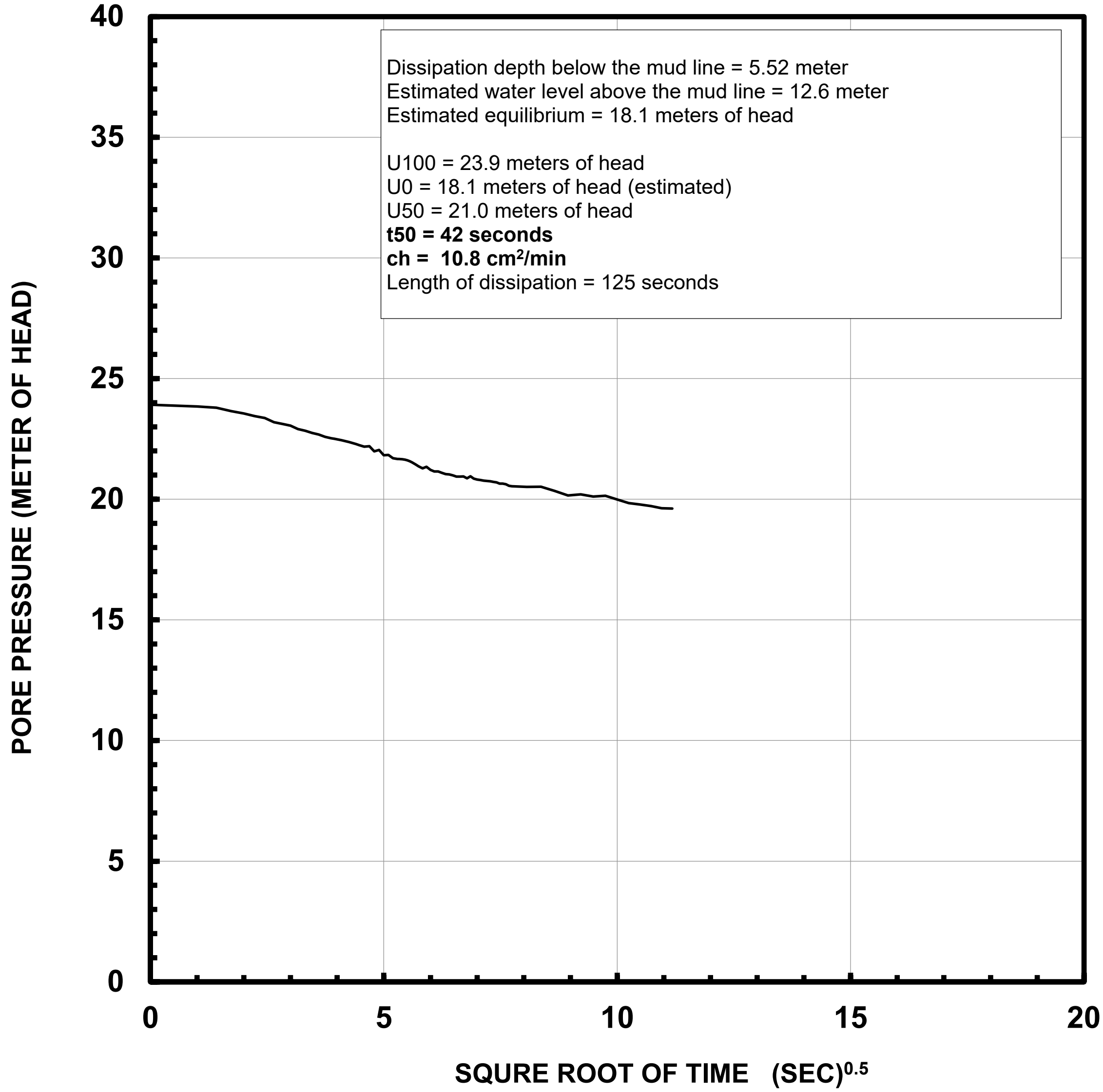
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
2.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

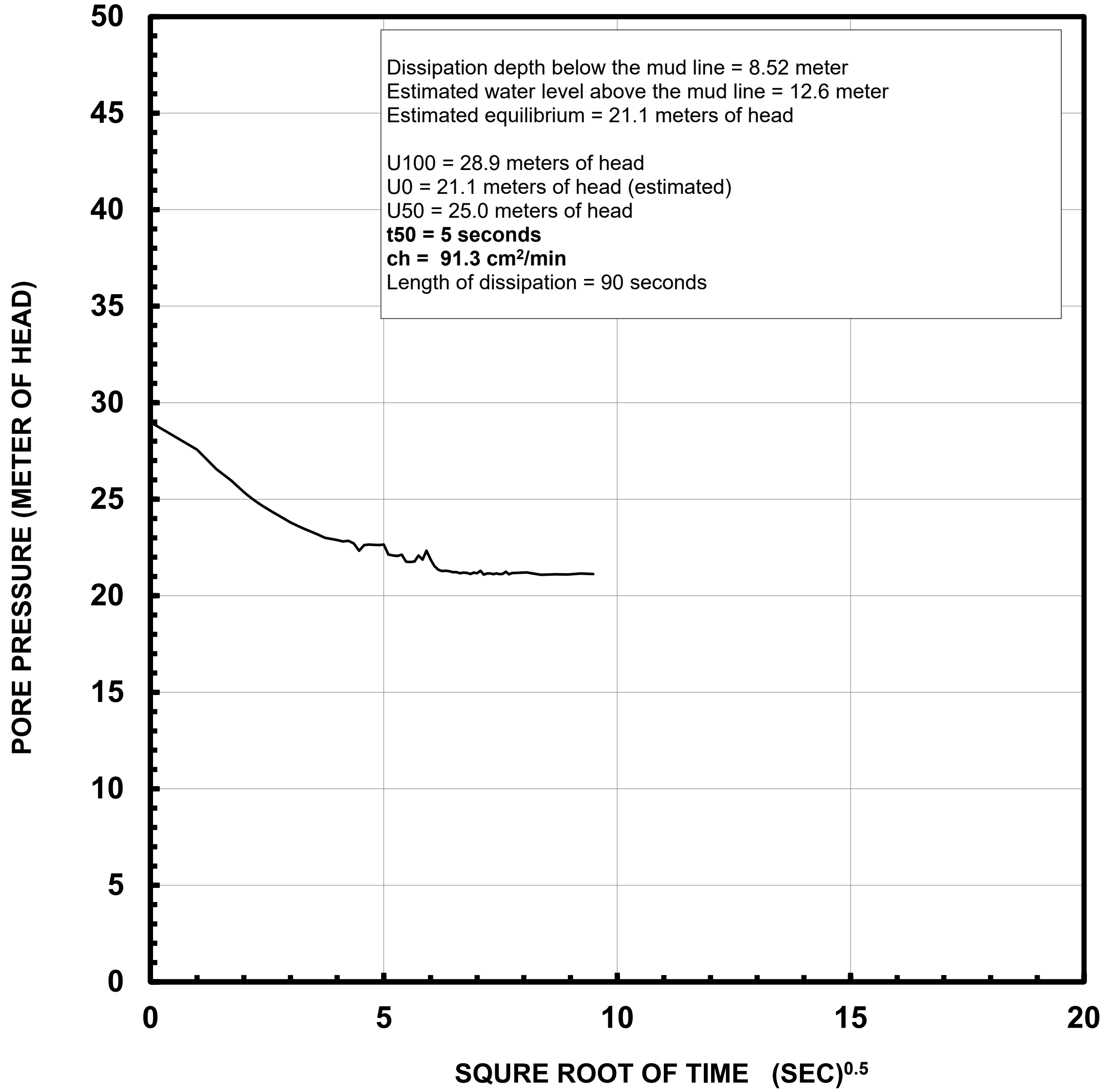
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
5.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

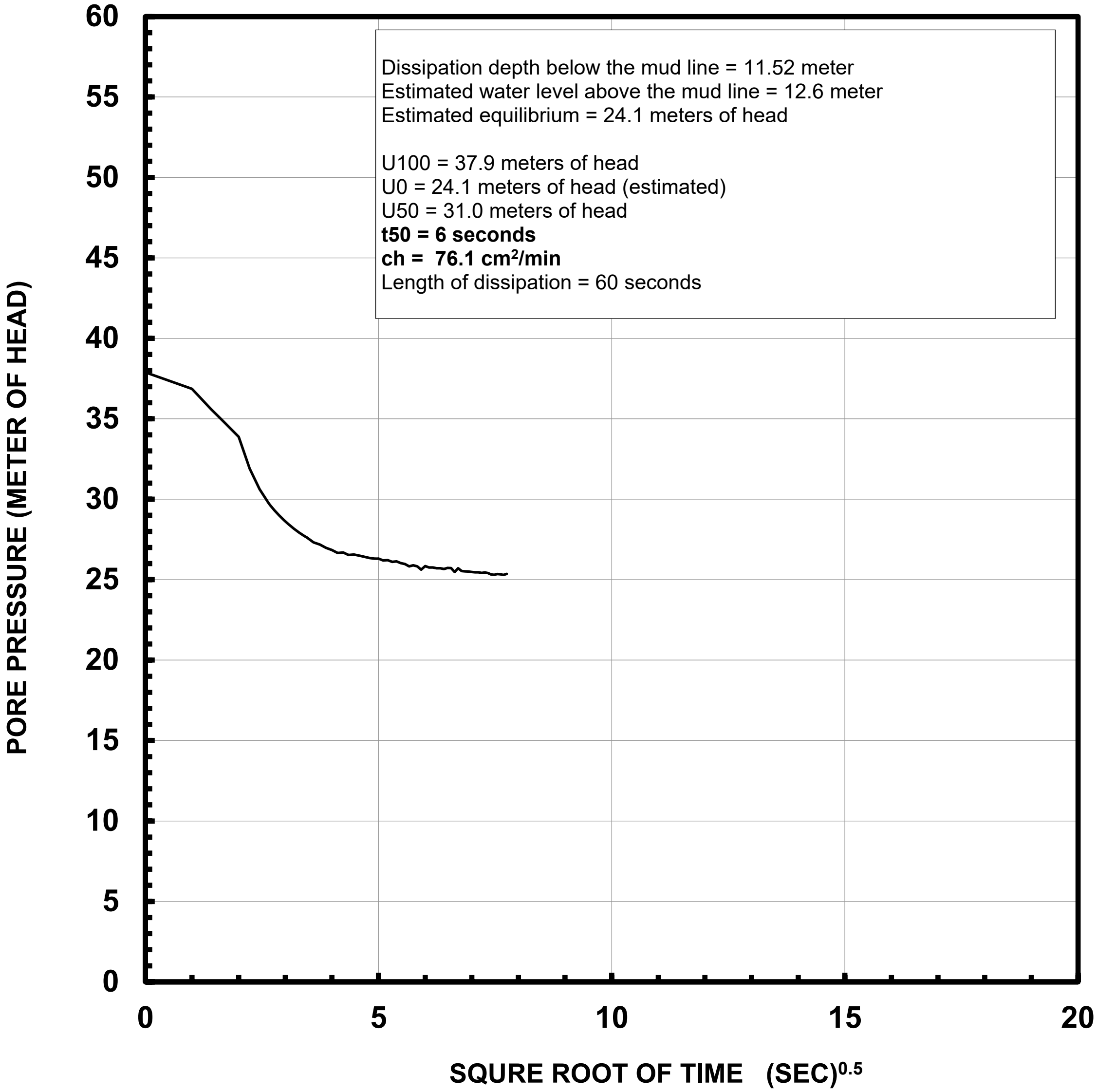
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
8.52 METER DEPTH
JULY 1, 2023



Schwartz
SOIL TECH

ORANO

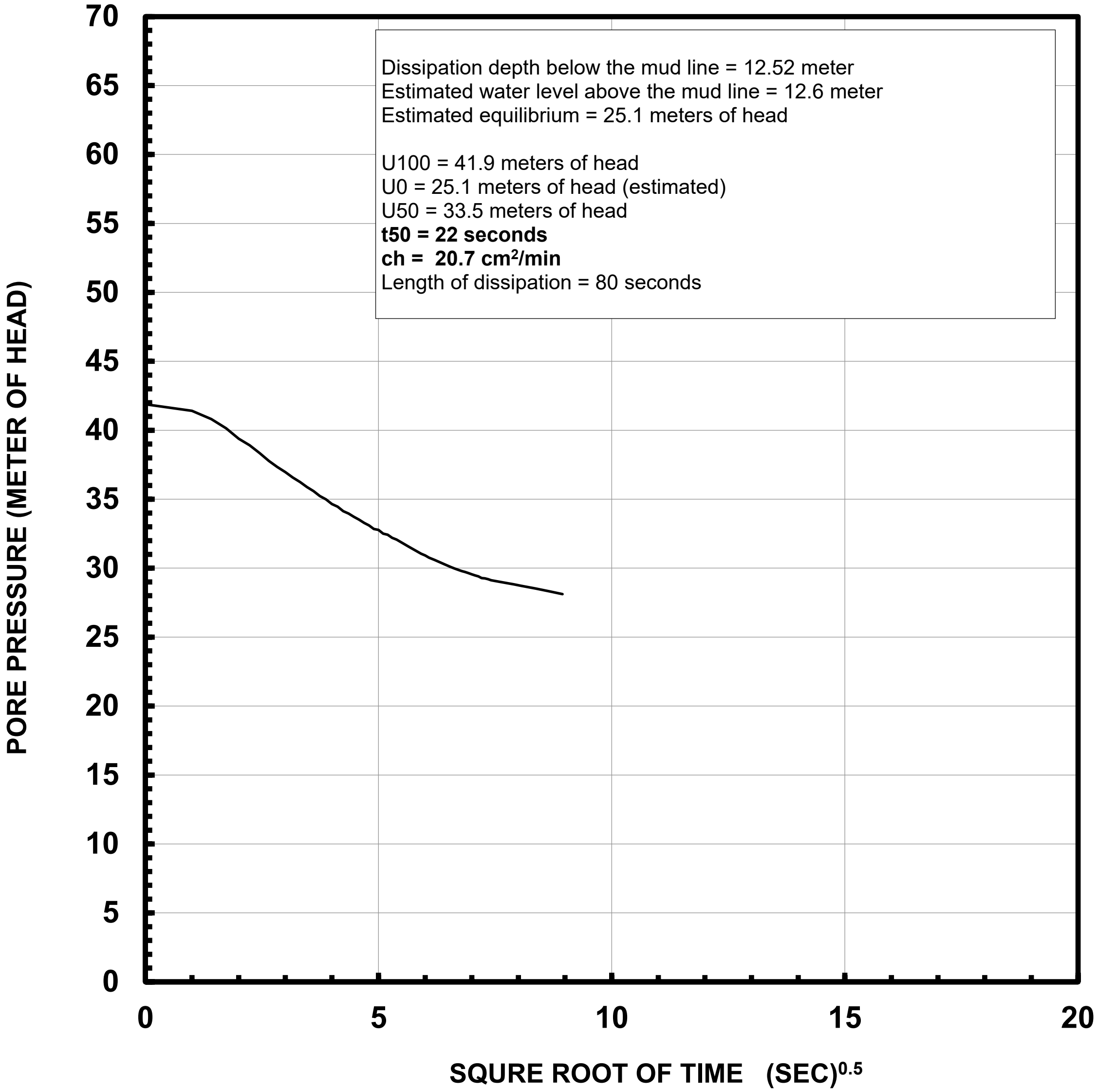
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
11.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

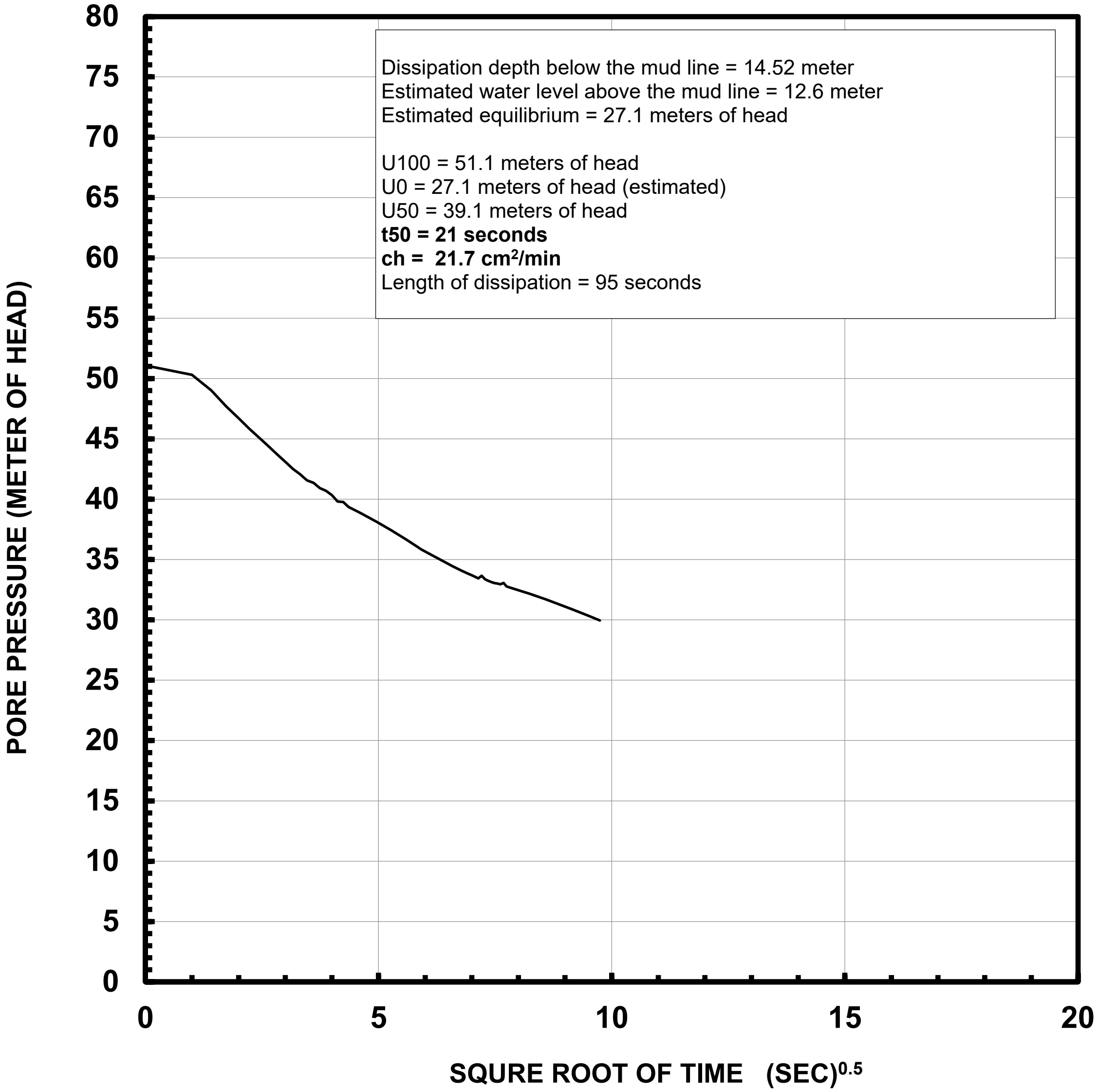
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
12.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

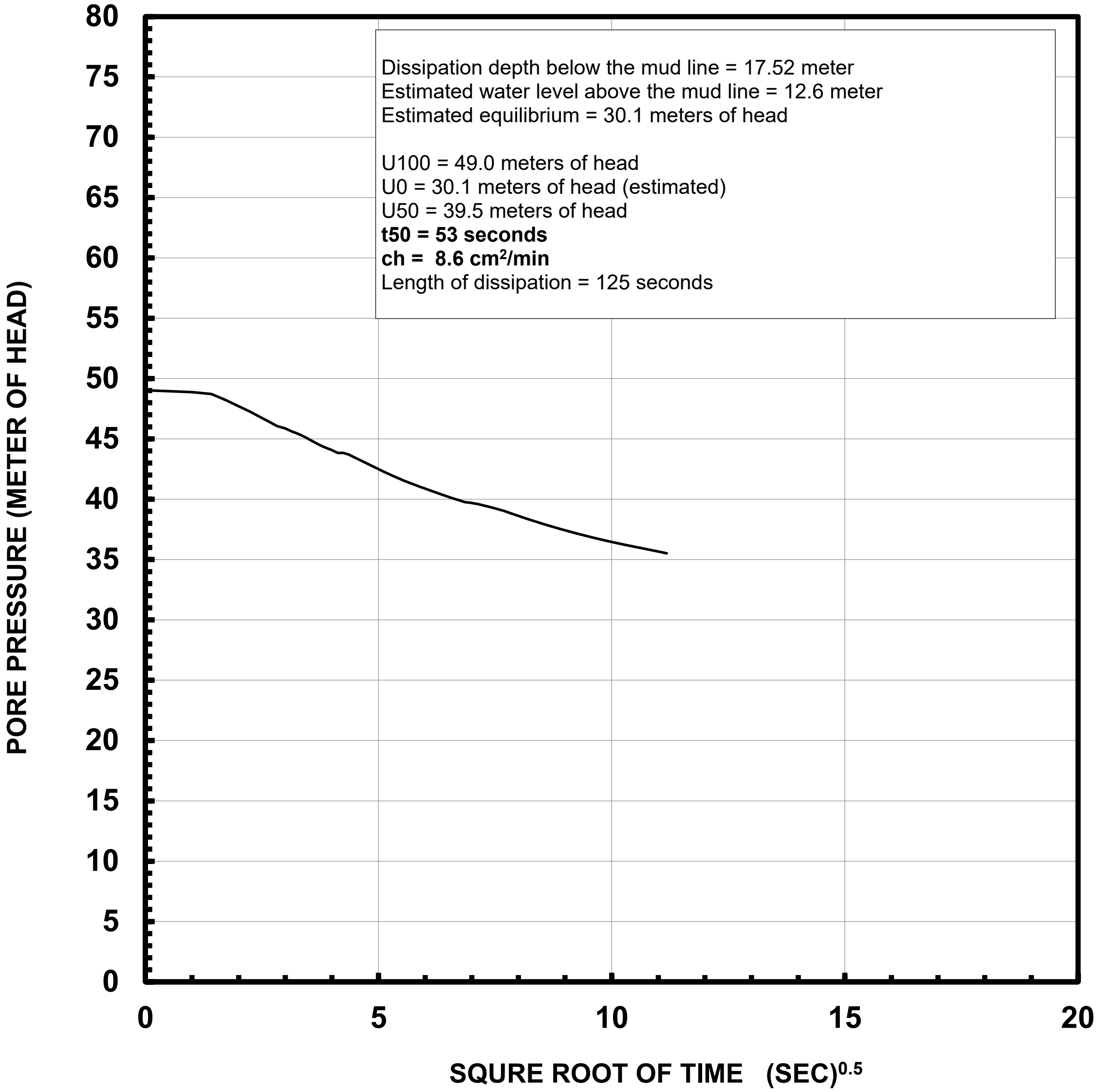
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
14.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

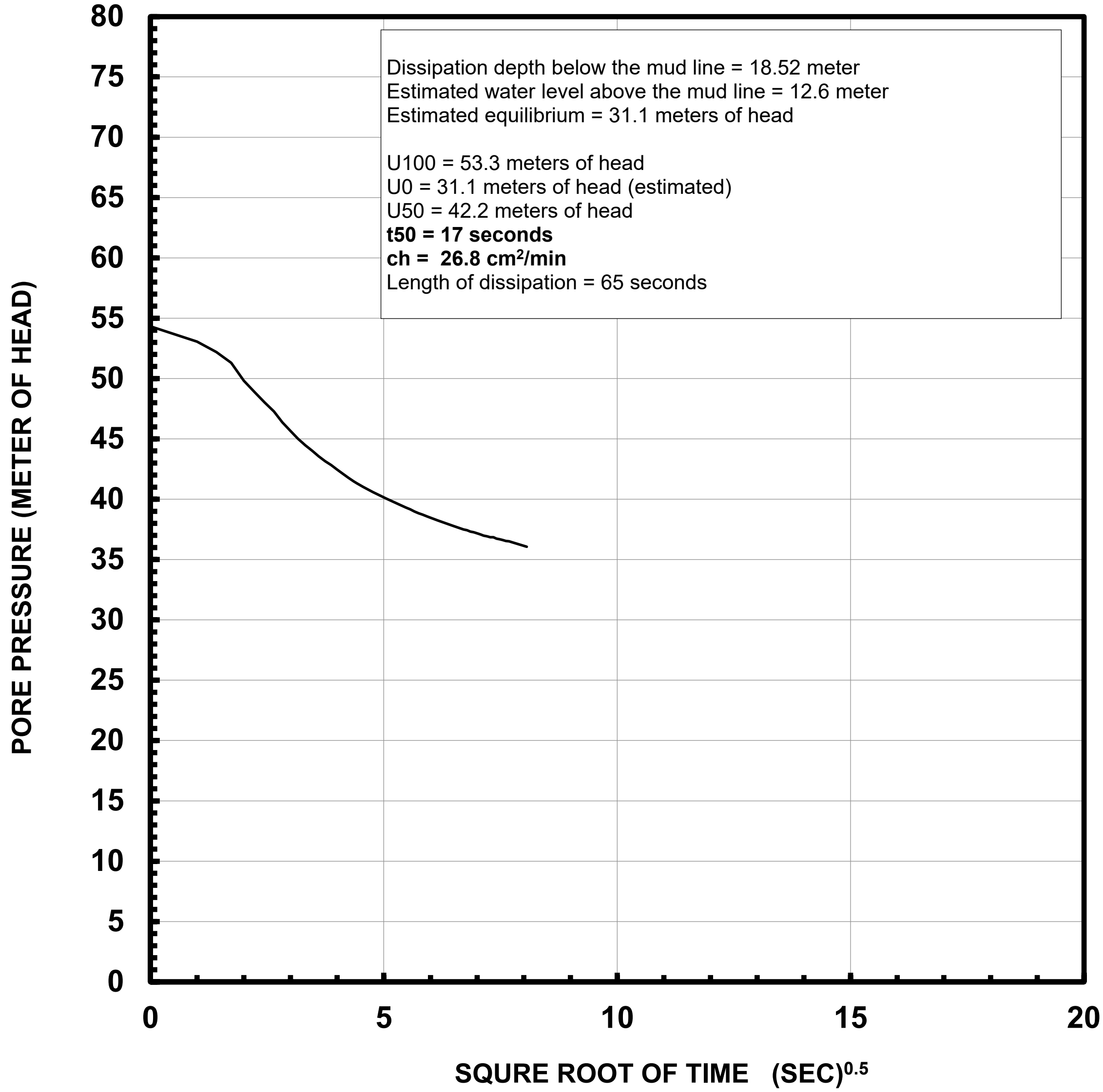
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
17.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

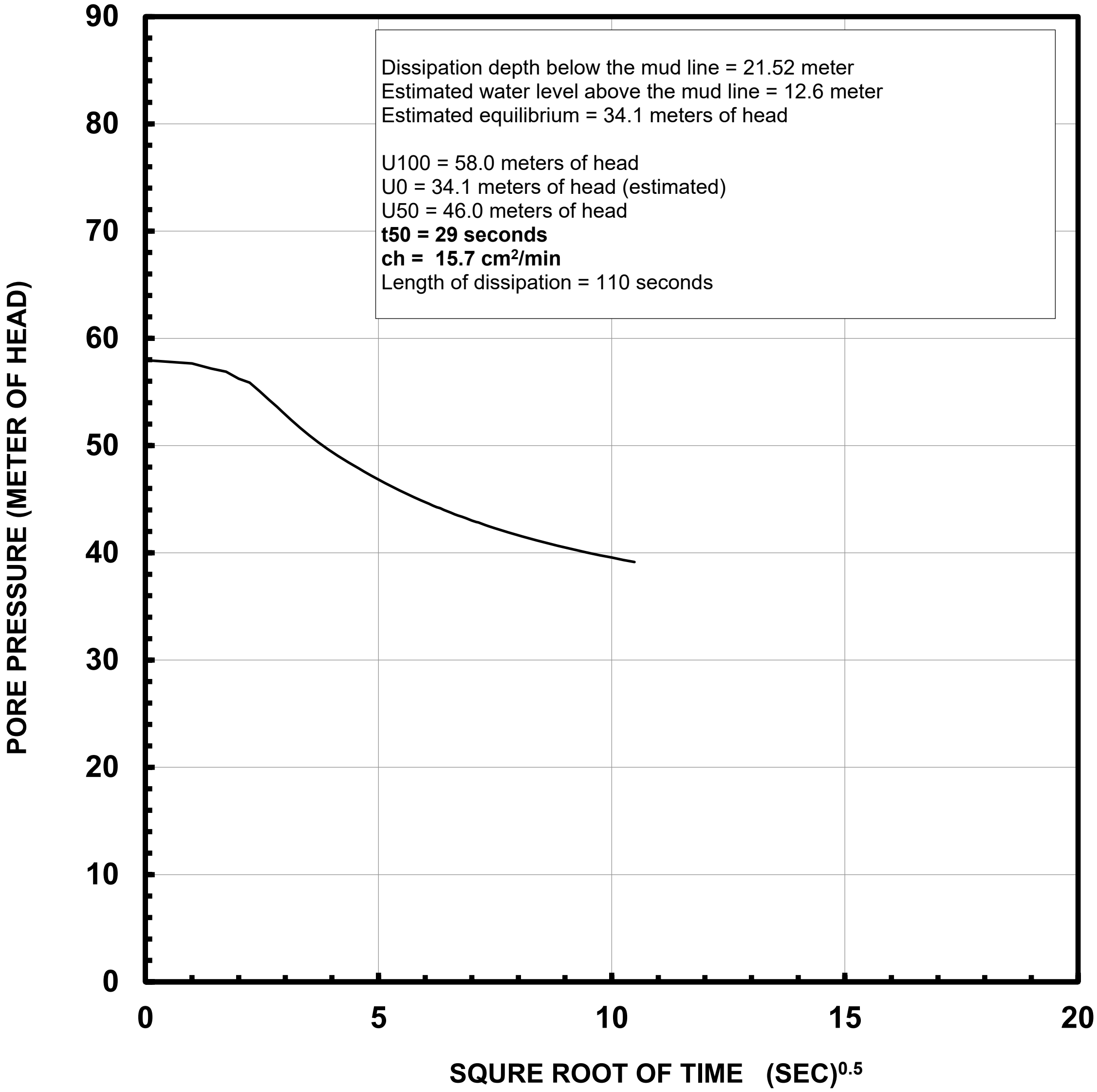
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
18.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

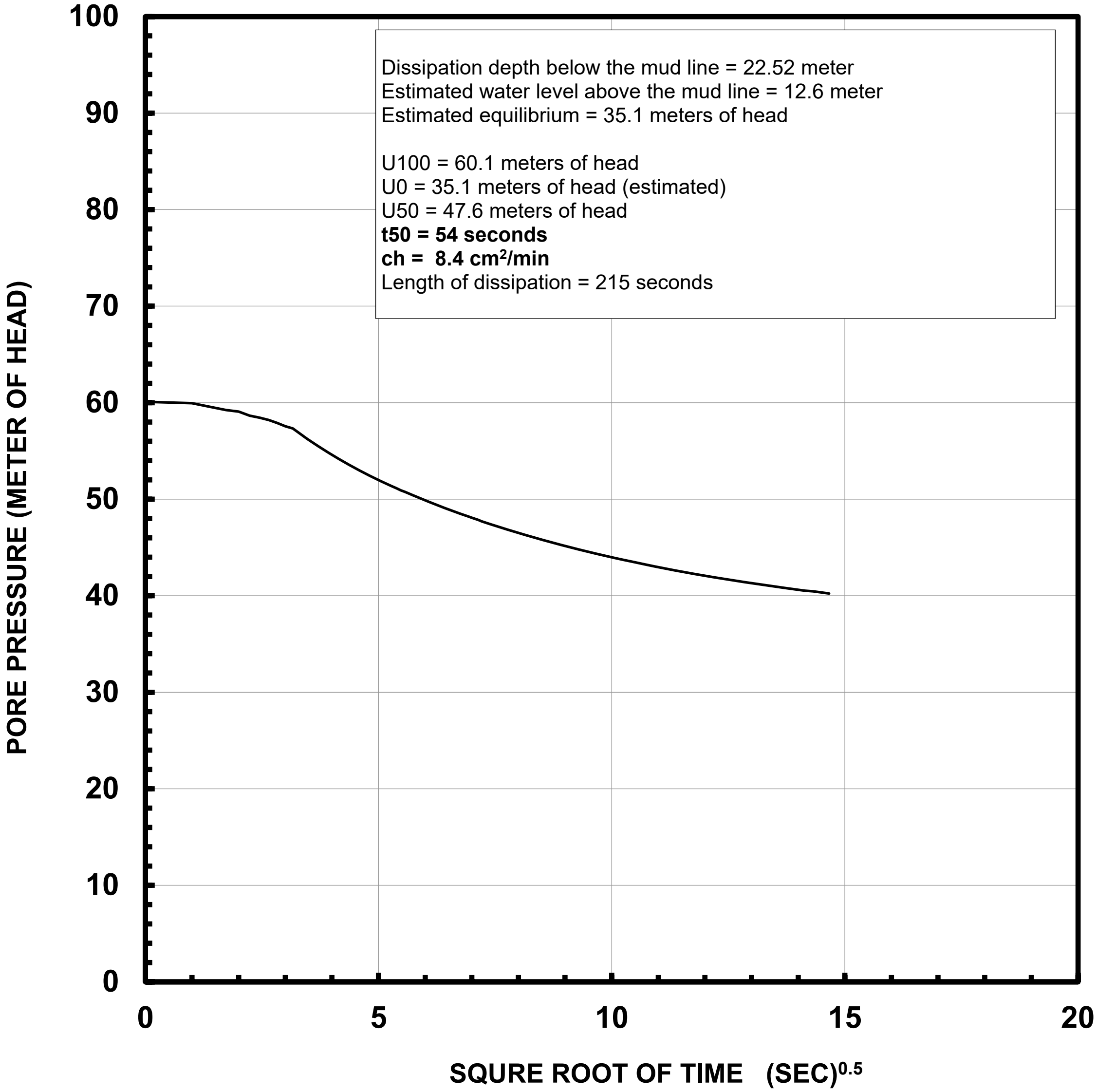
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
21.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

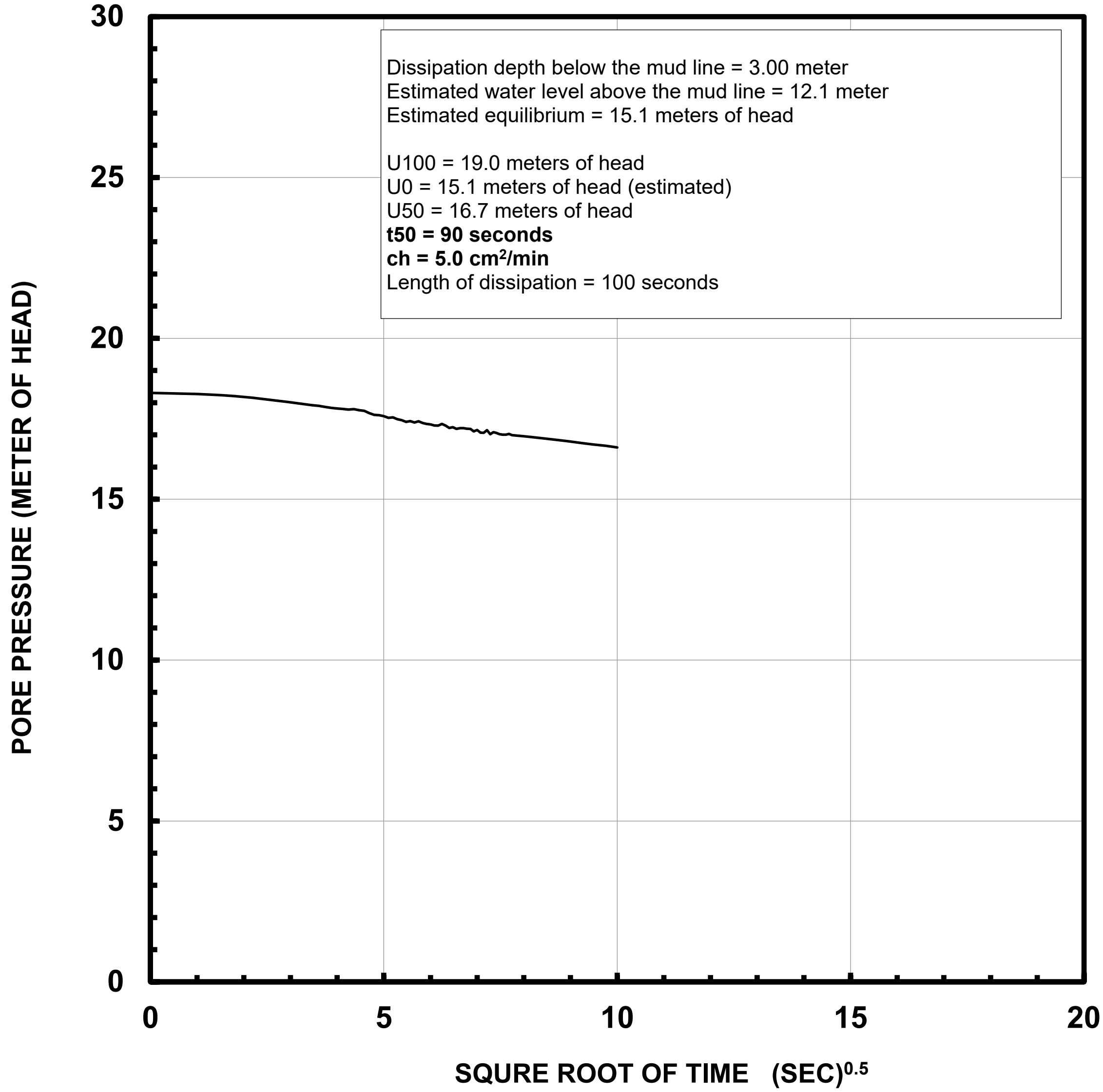
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 18
22.52 METER DEPTH
JULY 1, 2023



Schwartz SOIL TECH

ORANO

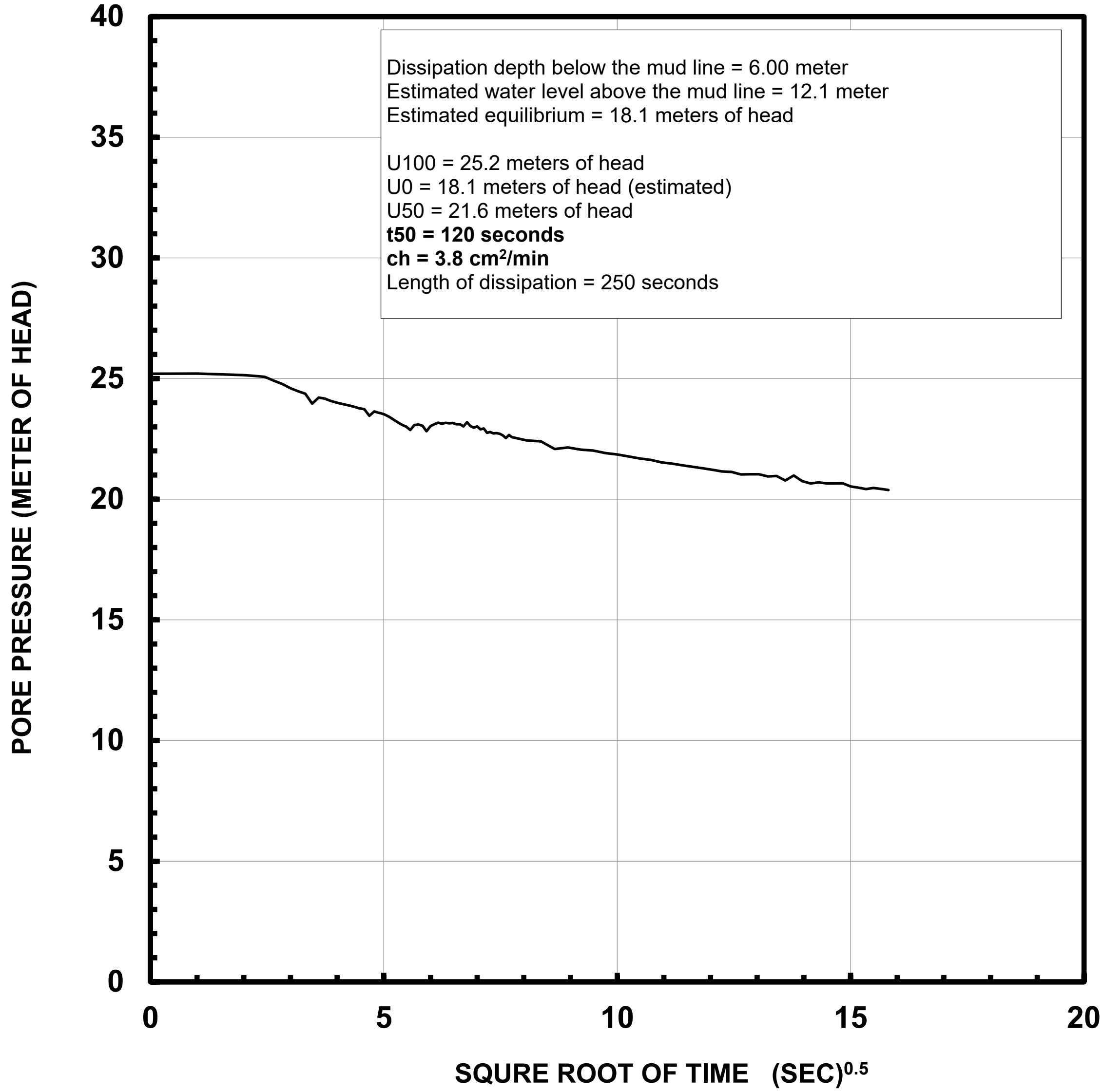
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
3.00 METER DEPTH
JUNE 22, 2023



Schwartz SOIL TECH

ORANO

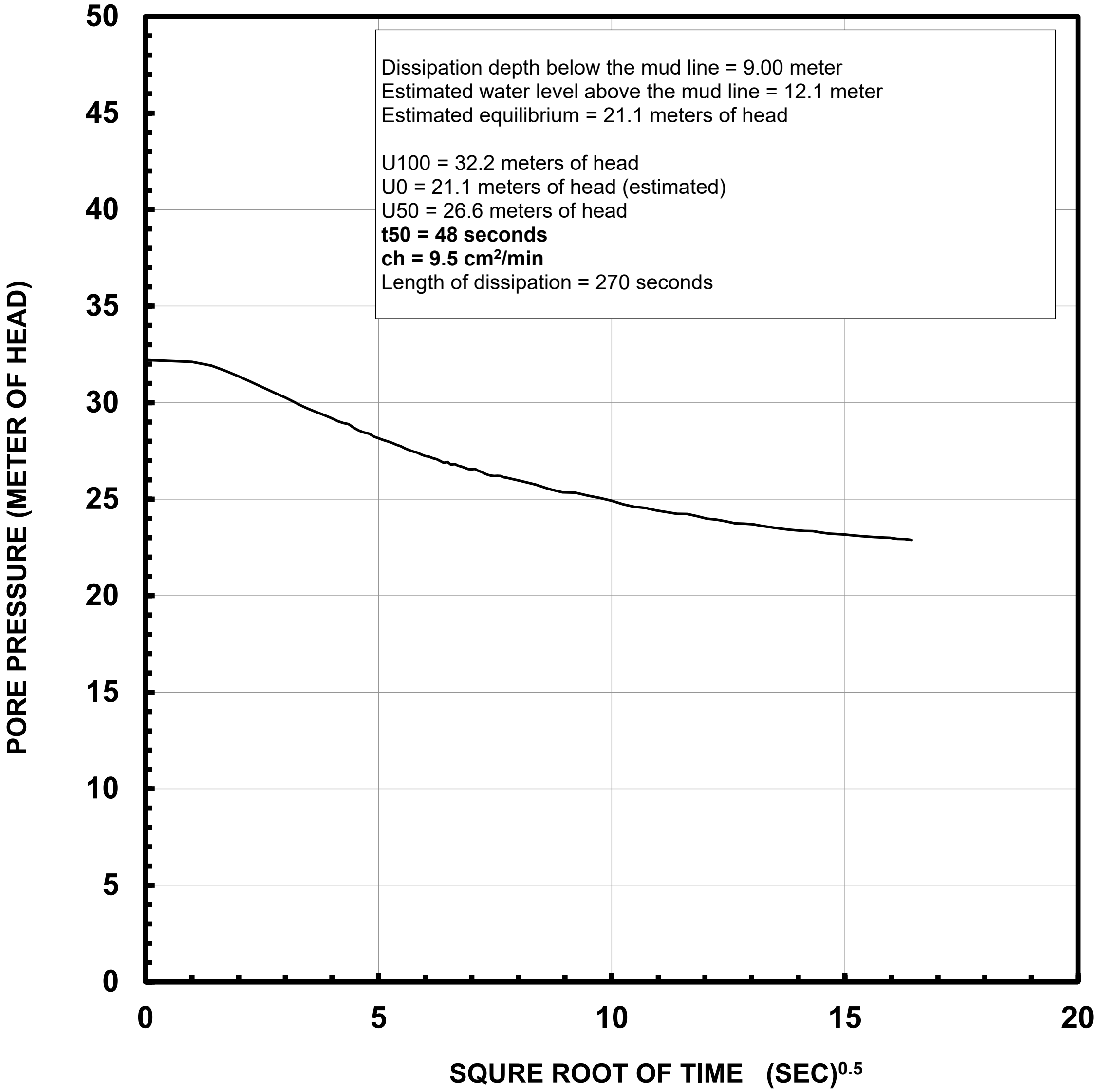
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
6.00 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

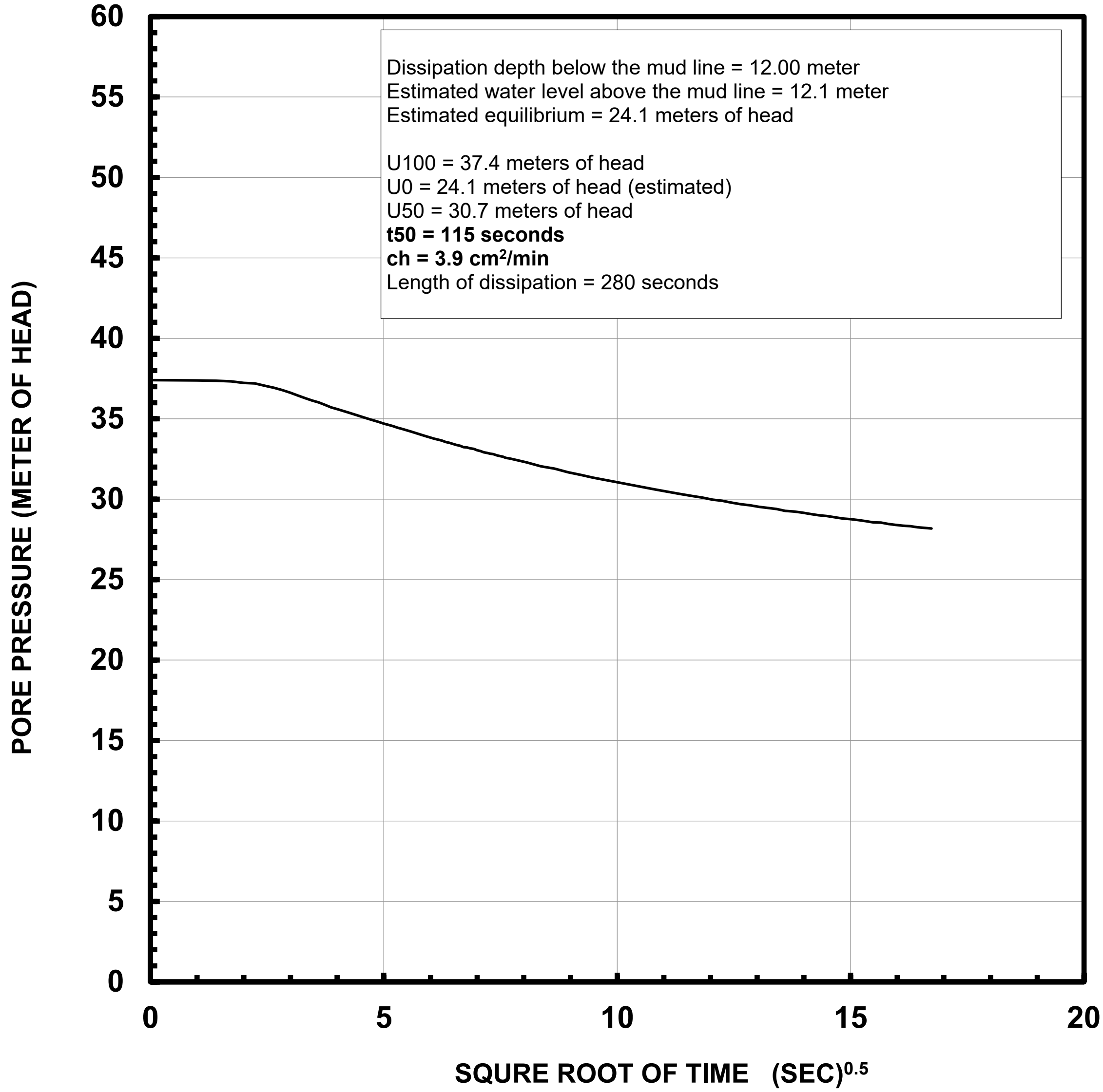
ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
9.00 METER DEPTH
JUNE 23, 2023



ORANO

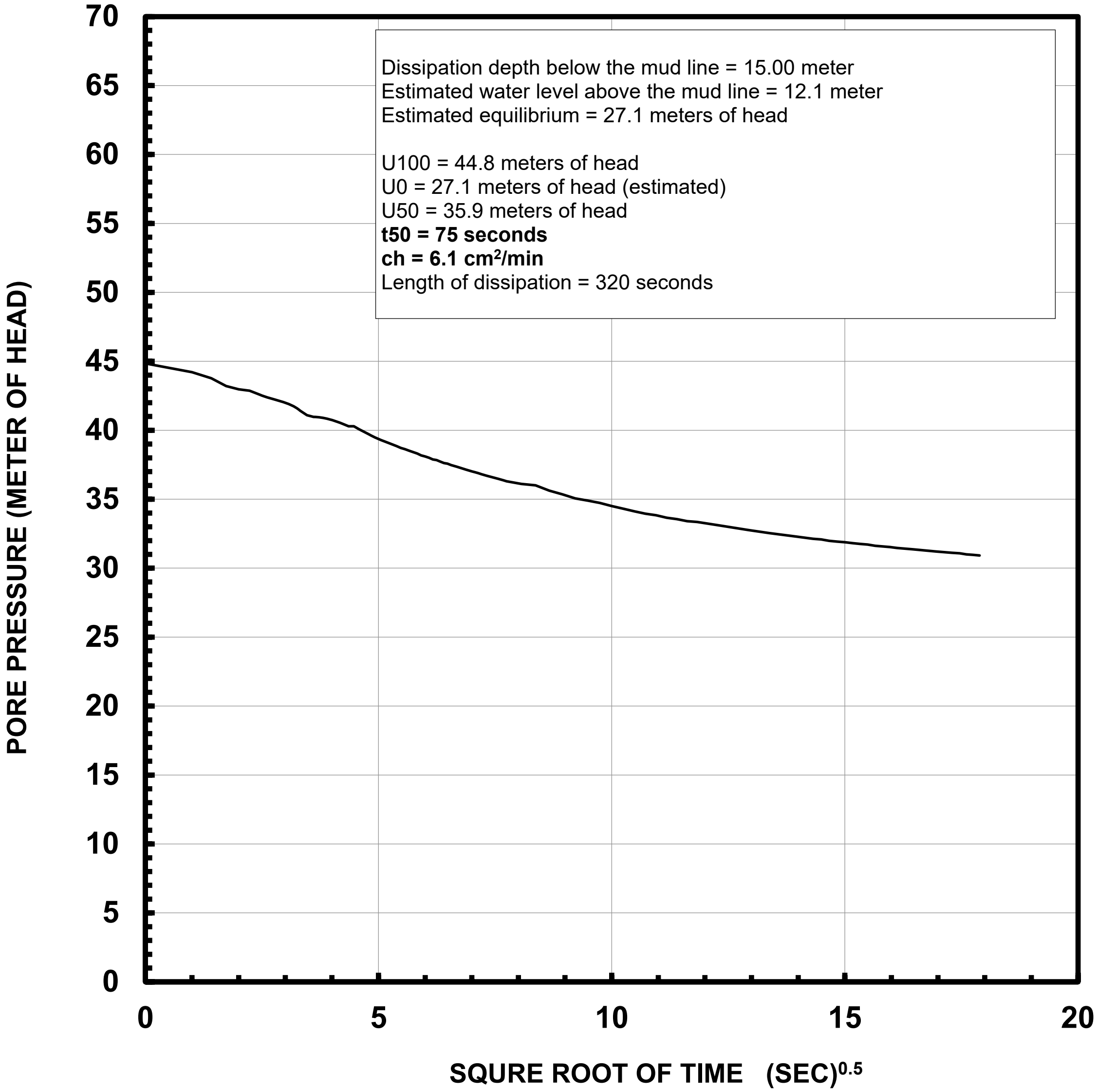
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
12.00 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

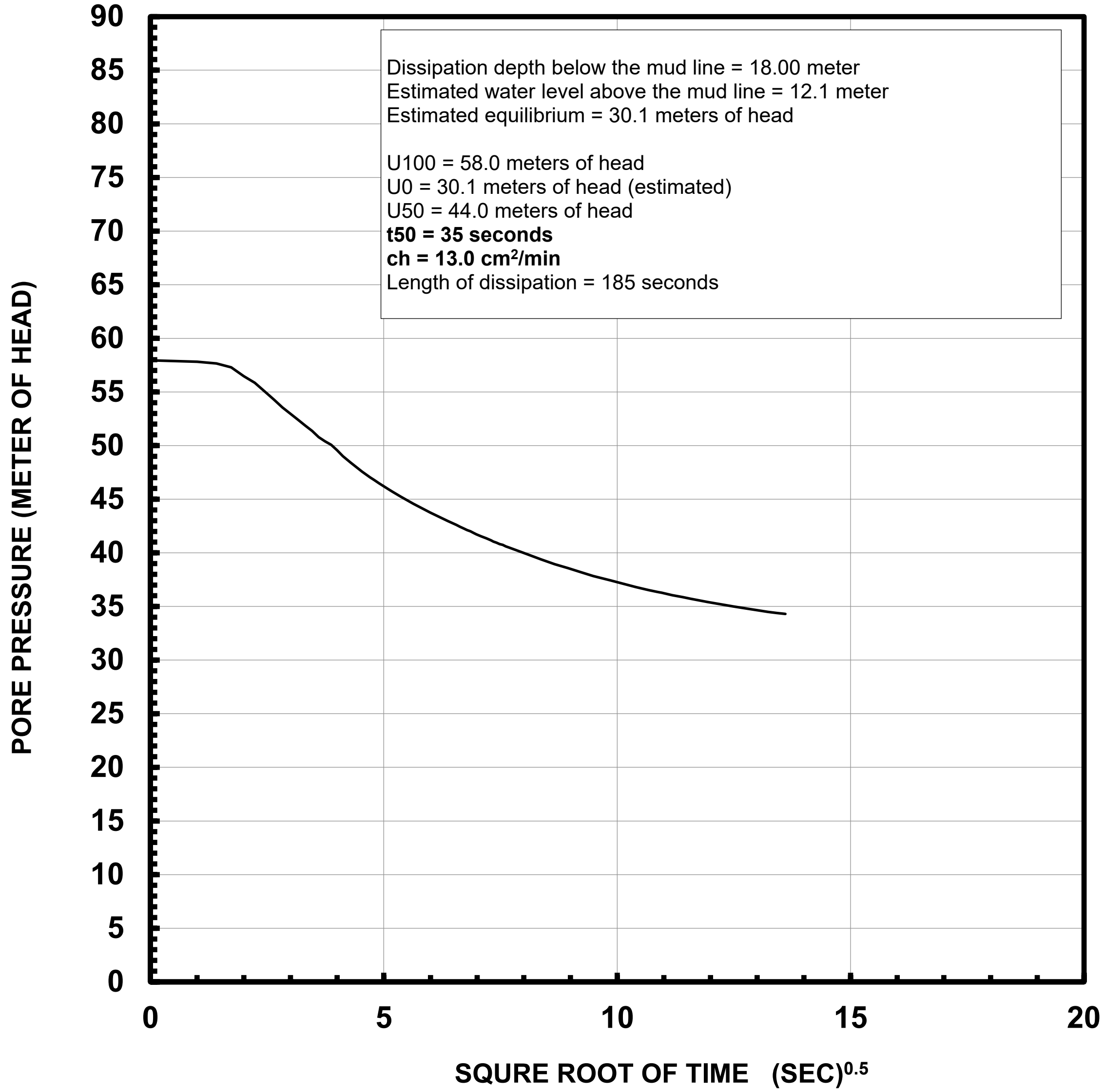
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
15.00 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

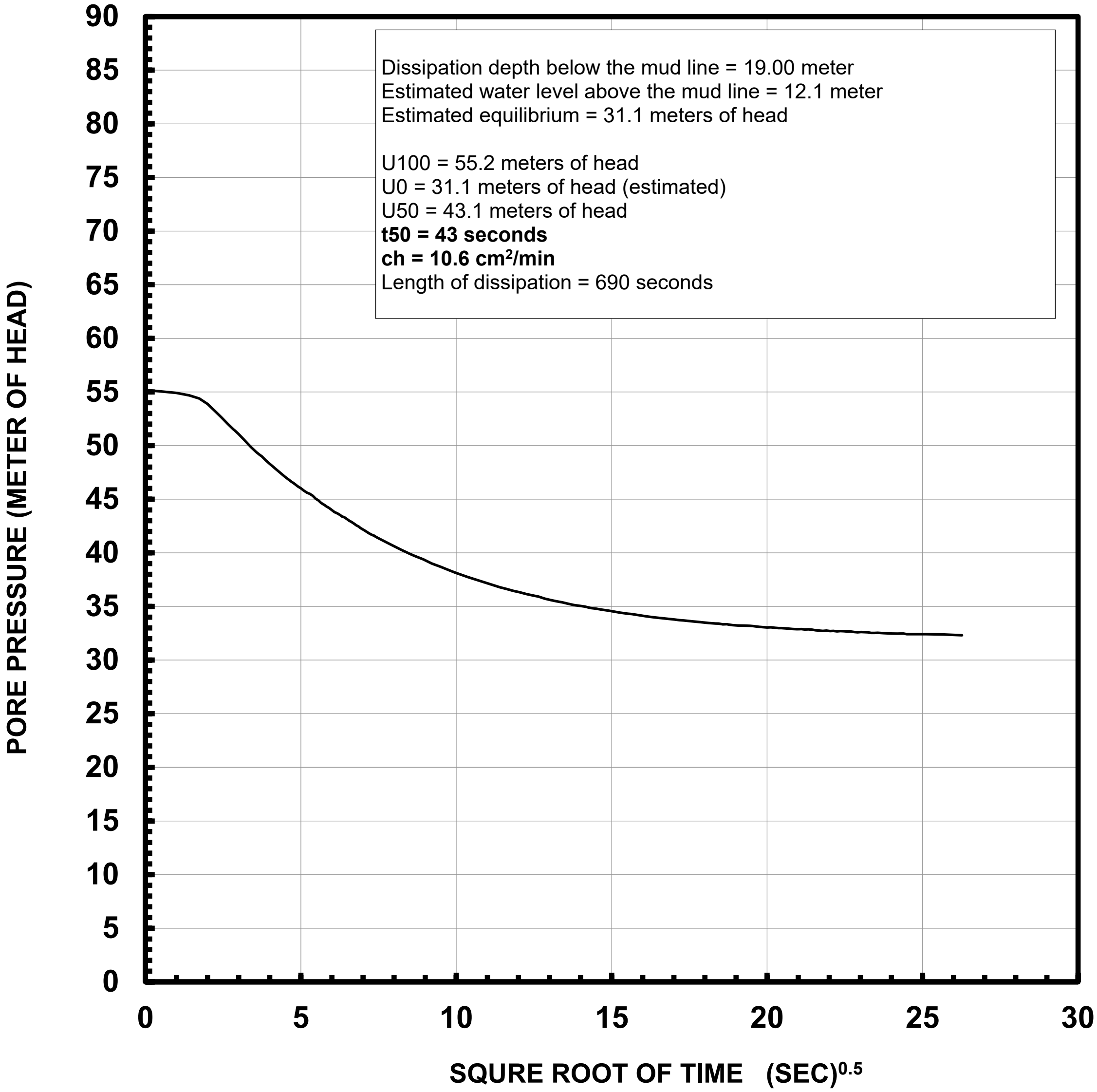
U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
18.00 METER DEPTH
JUNE 23, 2023



Schwartz SOIL TECH

ORANO

U2 PORE PRESSURE DISSIPATION
2023 TOVP McCLEAN LAKE JEB PIT
TMF23 - 19
19.00 METER DEPTH
JUNE 23, 2023

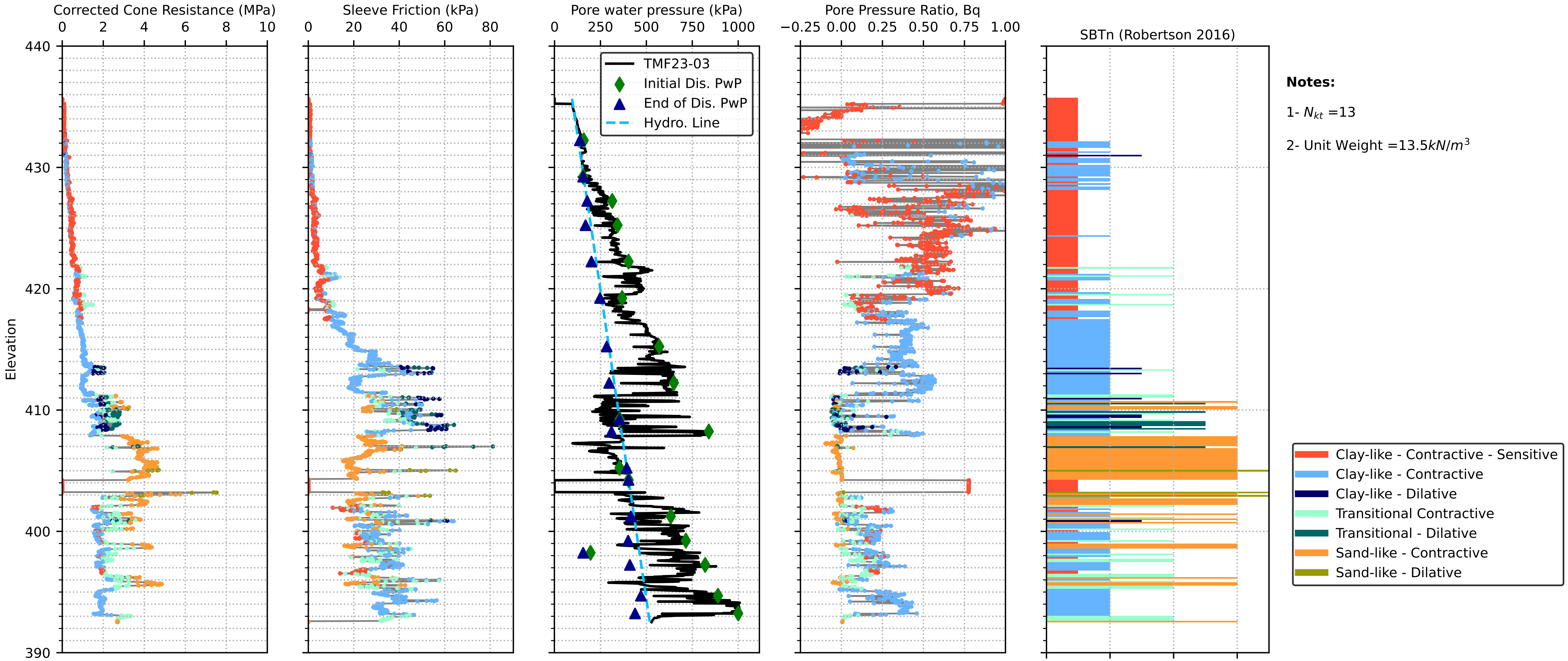


Schwartz SOIL TECH

Appendix C.2 SRK CPT Plots

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-03
Cone ID :
Comments :



Notes:

1- N_{kt} =13

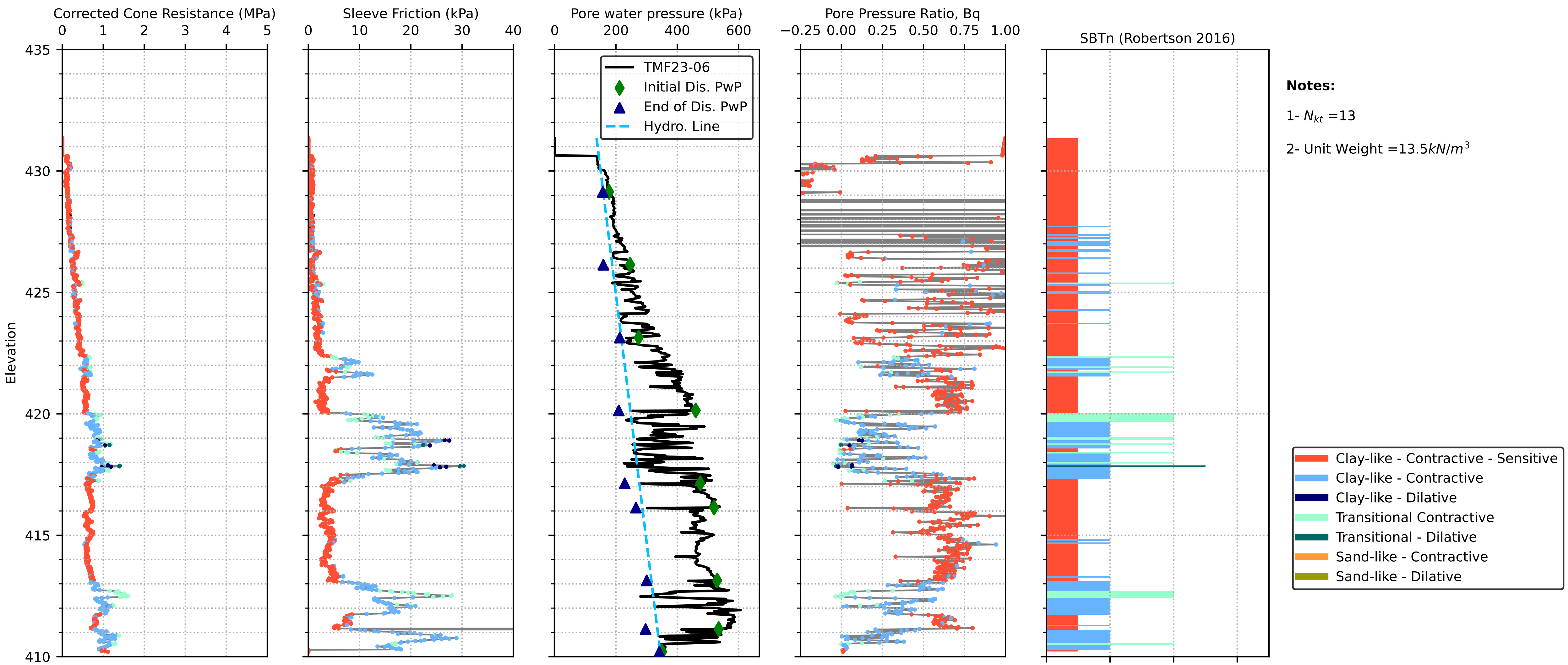
2- Unit Weight =13.5kN/m^3

Project : CAPR002676
Total Depth (m) : 43.16
Phreatic Depth (m) : -9.7

Easting (m) : 11221.52
Northing (m) : 5241.345
Elevation (m) : 435.675

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-06
Cone ID :
Comments :



Notes:

1- N_{kt} =13

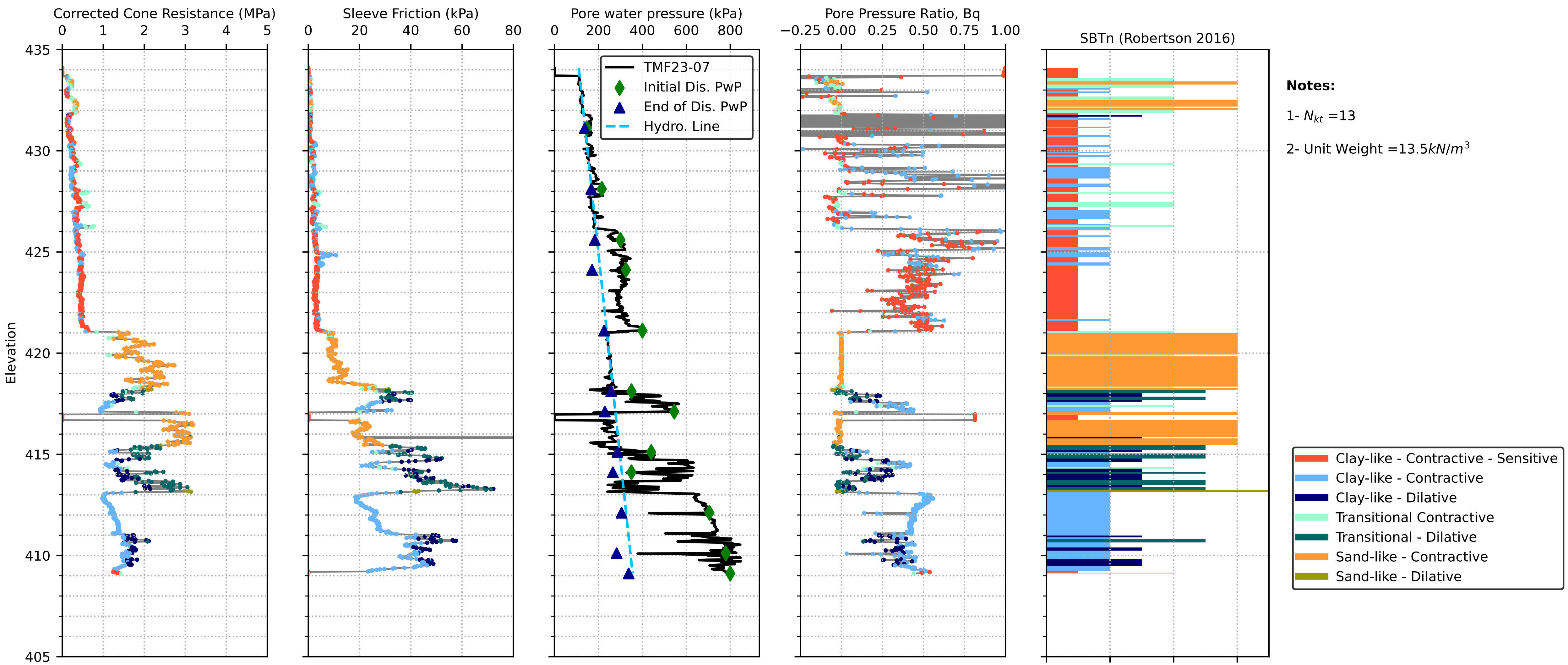
2- Unit Weight =13.5kN/m^3

Project : CAPR002676
Total Depth (m) : 21.18
Phreatic Depth (m) : -13.9

Easting (m) : 5292.721
Northing (m) : 11118.15
Elevation (m) : 431.38

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-07
Cone ID :
Comments :

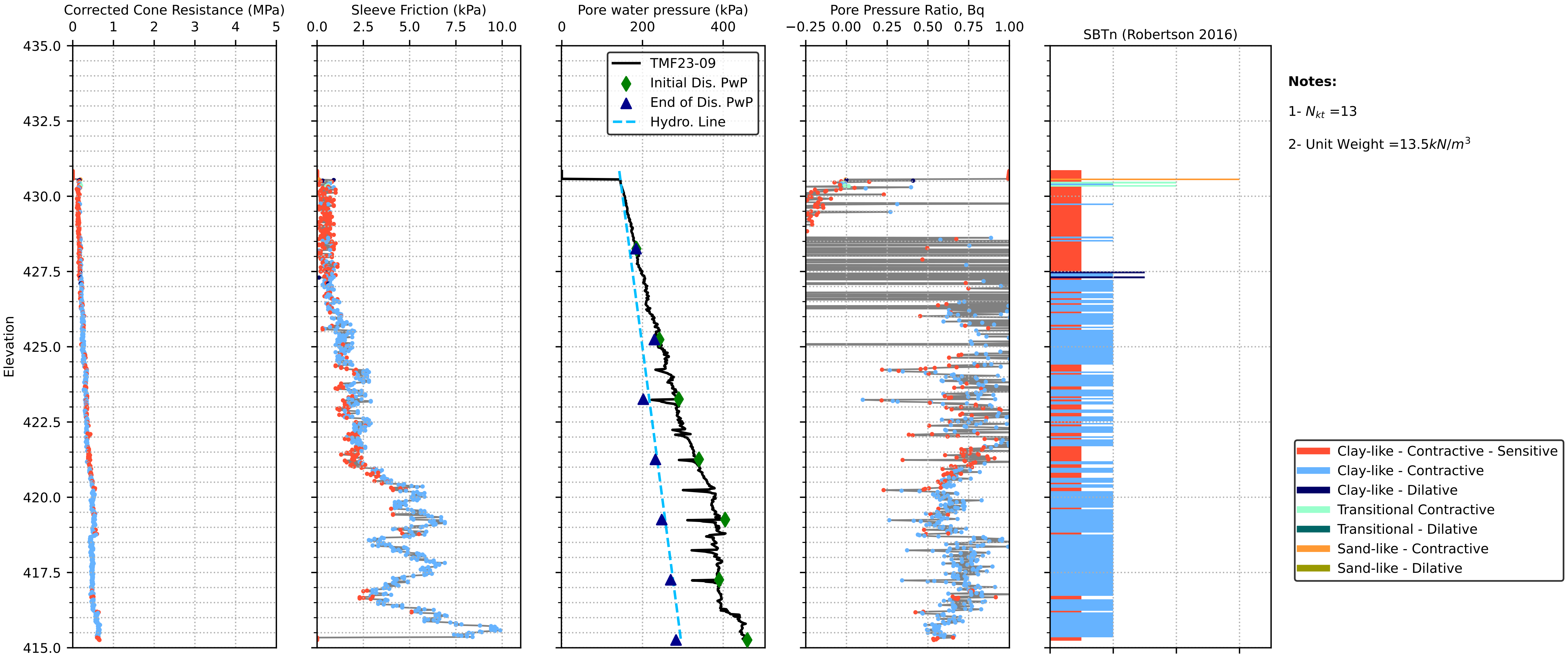


Project : CAPR002676
Total Depth (m) : 25.0
Phreatic Depth (m) : -11.2

Easting (m) : 11250.44
Northing (m) : 5383.67
Elevation (m) : 434.112

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-09
Cone ID :
Comments :



Notes:

1- N_{kt} =13

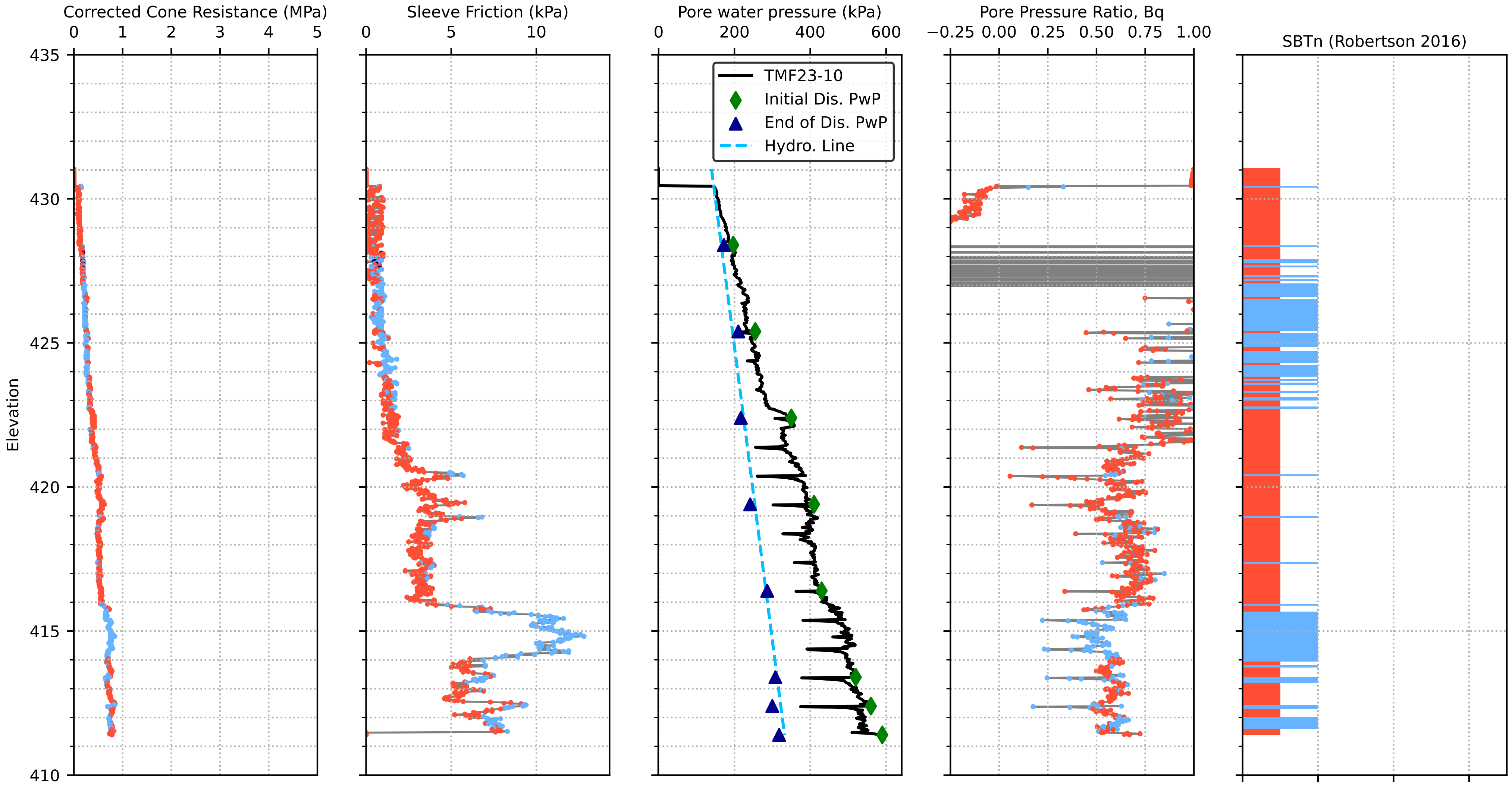
2- Unit Weight =$13.5 kN/m^3$

Project : CAPR002676
Total Depth (m) : 15.6
Phreatic Depth (m) : -14.5

Easting (m) : 11314.265
Northing (m) : 5329.795
Elevation (m) : 430.858

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-10
Cone ID :
Comments :



Notes:

1- N_{kt} =13

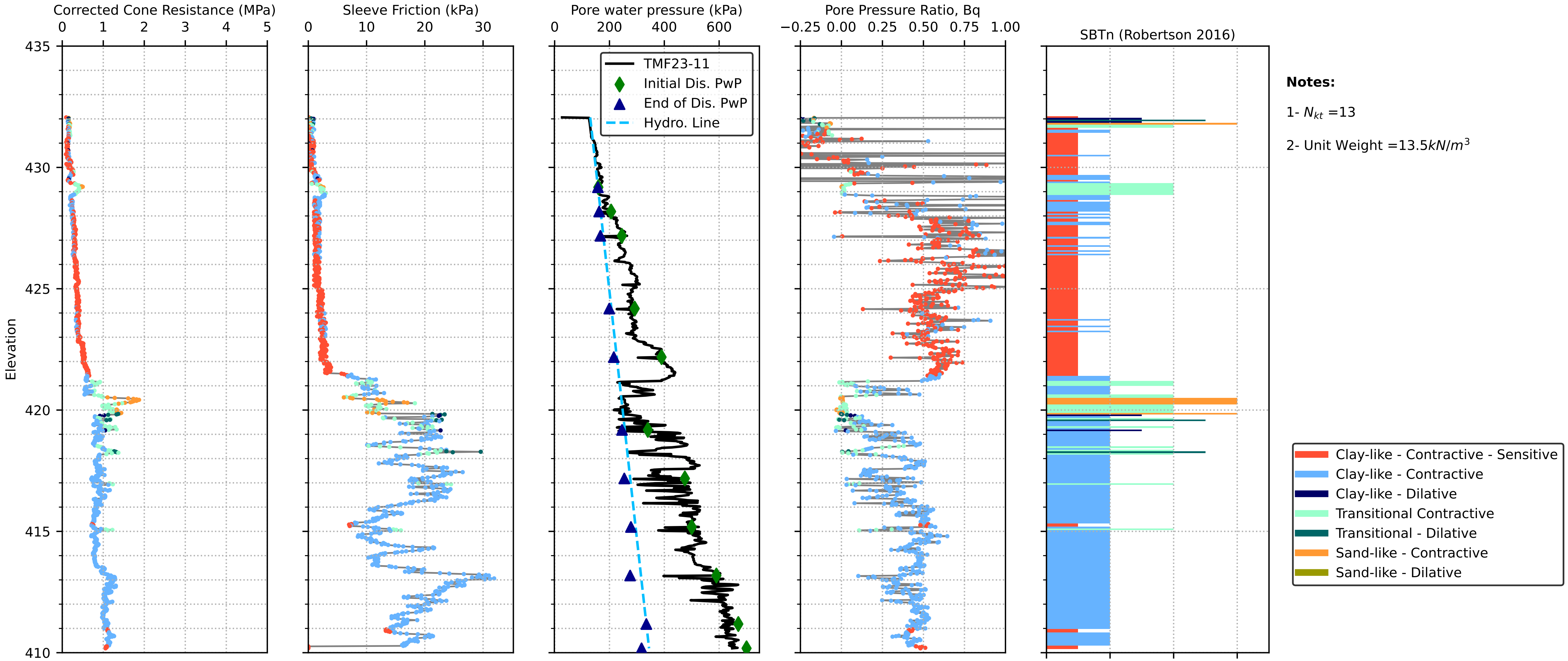
2- Unit Weight =13.5kN/m^3

Project : CAPR002676
Total Depth (m) : 19.66
Phreatic Depth (m) : -14.2

Easting (m) : 11293.511
Northing (m) : 5346.076
Elevation (m) : 431.056

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-11
Cone ID :
Comments :



Notes:

1- N_{kt} =13

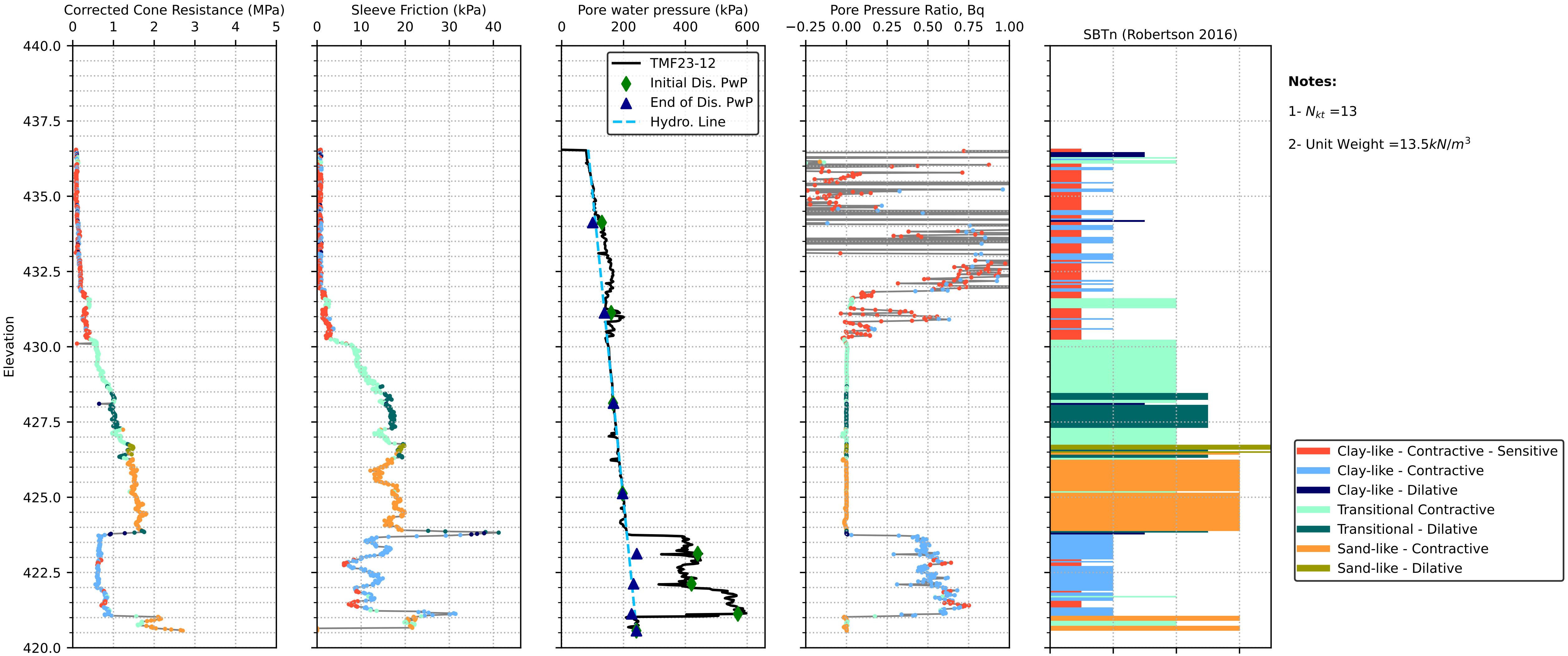
2- Unit Weight =$13.5 kN/m^3$

Project : CAPR002676
Total Depth (m) : 21.9
Phreatic Depth (m) : -13.2

Easting (m) : 11275.659
Northing (m) : 5355.435
Elevation (m) : 432.081

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-12
Cone ID :
Comments :



Notes:

1- N_{kt} =13

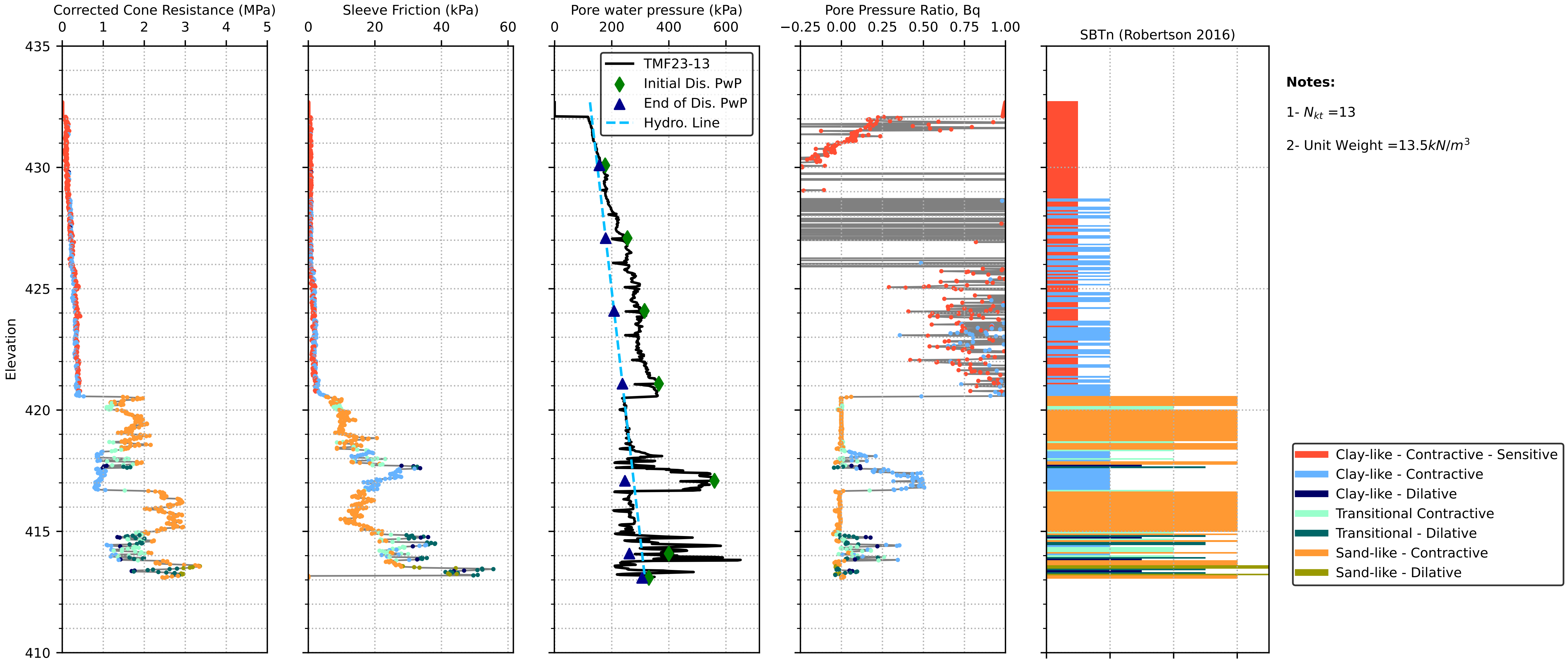
2- Unit Weight =13.5kN/m^3

Project : CAPR002676
Total Depth (m) : 16.0
Phreatic Depth (m) : -8.7

Easting (m) : 11260.279
Northing (m) : 5370.259
Elevation (m) : 436.565

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-13
Cone ID :
Comments :

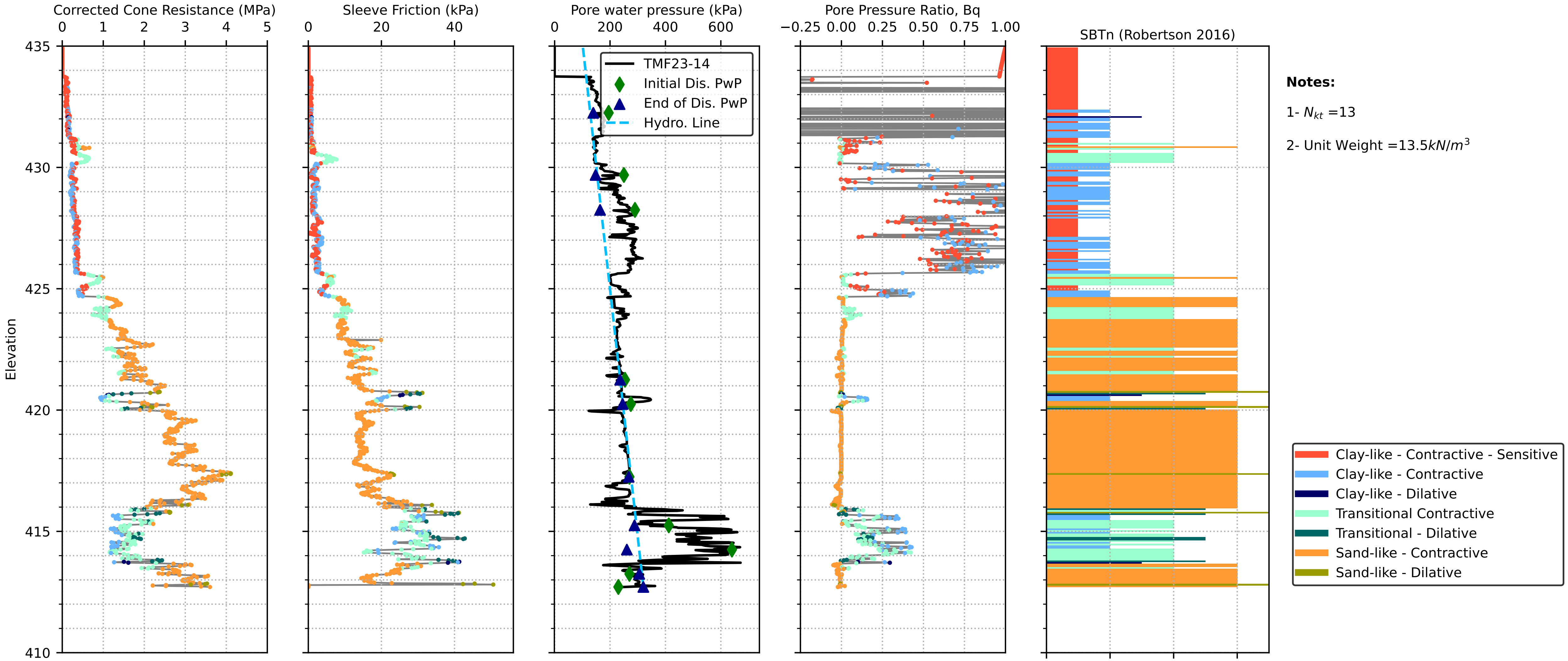


Project : CAPR002676
Total Depth (m) : 19.62
Phreatic Depth (m) : -12.6

Easting (m) : 5391.954
Northing (m) : 11234.969
Elevation (m) : 432.704

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-14
Cone ID :
Comments :



Notes:

1- N_{kt} =13

2- Unit Weight =13.5kN/m^3

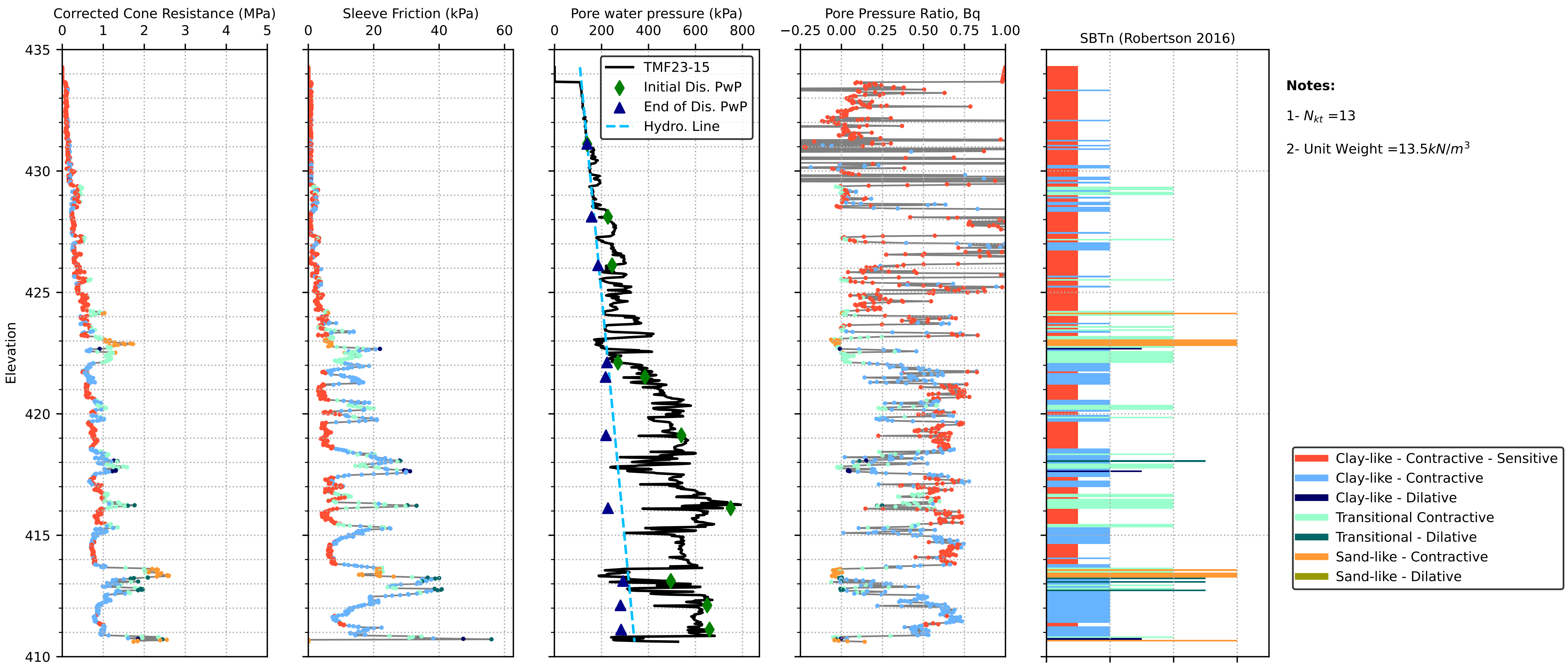
Project : CAPR002676
Total Depth (m) : 22.24
Phreatic Depth (m) : -10.4

Easting (m) : 11249.185
Northing (m) : 5364.18
Elevation (m) : 434.948

srk consulting

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-15
Cone ID :
Comments :

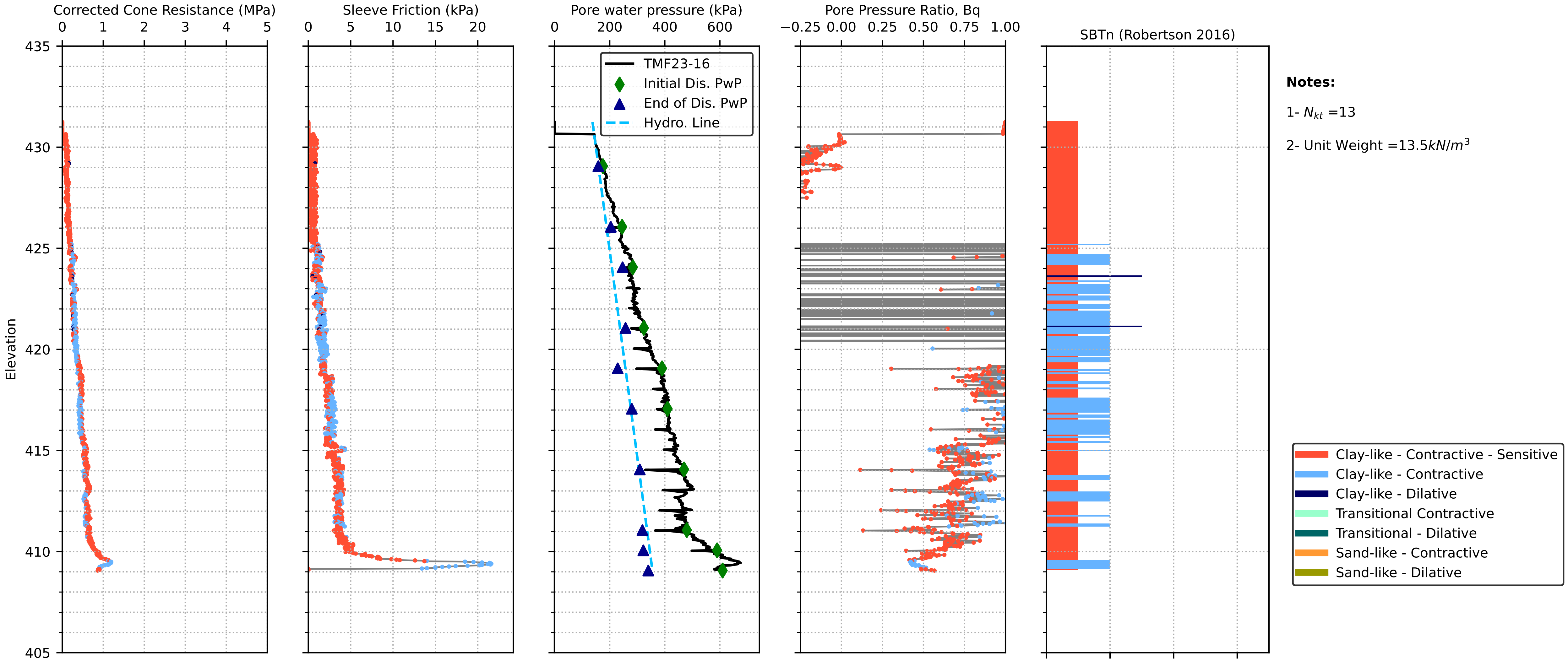


Project : CAPR002676
Total Depth (m) : 23.68
Phreatic Depth (m) : -11.0

Easting (m) : 5363.951
Northing (m) : 11138.309
Elevation (m) : 434.296

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-16
Cone ID :
Comments :



Notes:

1- N_{kt} =13

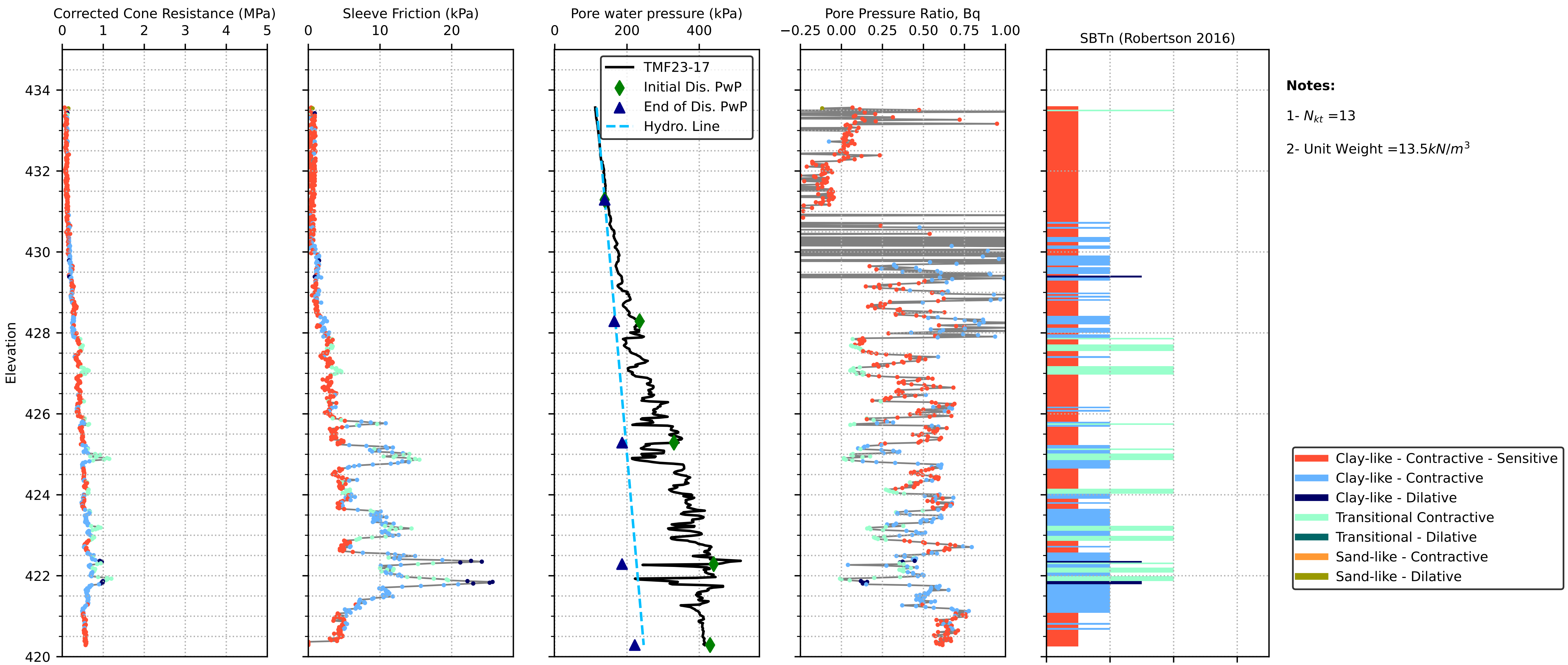
2- Unit Weight =$13.5 kN/m^3$

Project : CAPR002676
Total Depth (m) : 22.2
Phreatic Depth (m) : -14.0

Easting (m) : 11258.958
Northing (m) : 5420.216
Elevation (m) : 431.262

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-17
Cone ID :
Comments :



Notes:

1- N_{kt} =13

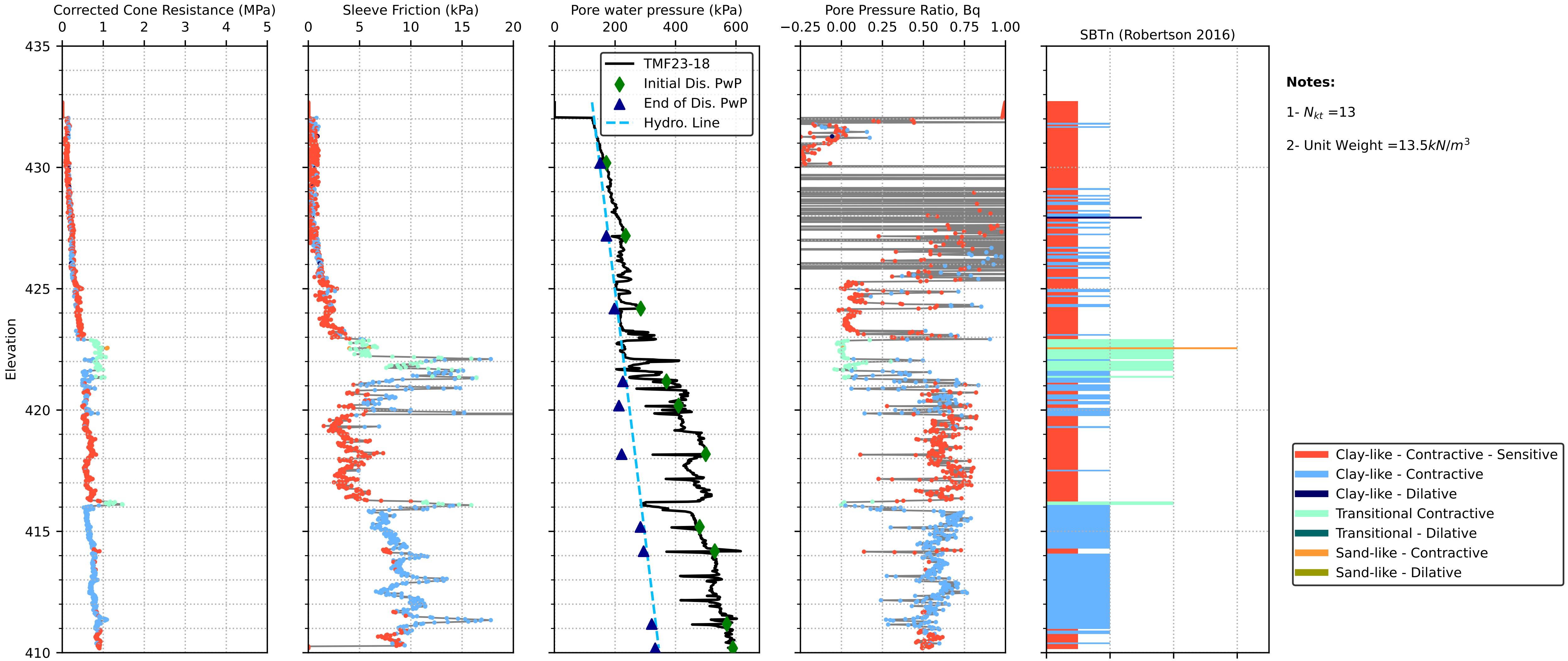
2- Unit Weight =$13.5 kN/m^3$

Project : CAPR002676
Total Depth (m) : 13.3
Phreatic Depth (m) : -11.8

Easting (m) : 11305.441
Northing (m) : 5251.58
Elevation (m) : 433.588

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-18
Cone ID :
Comments :

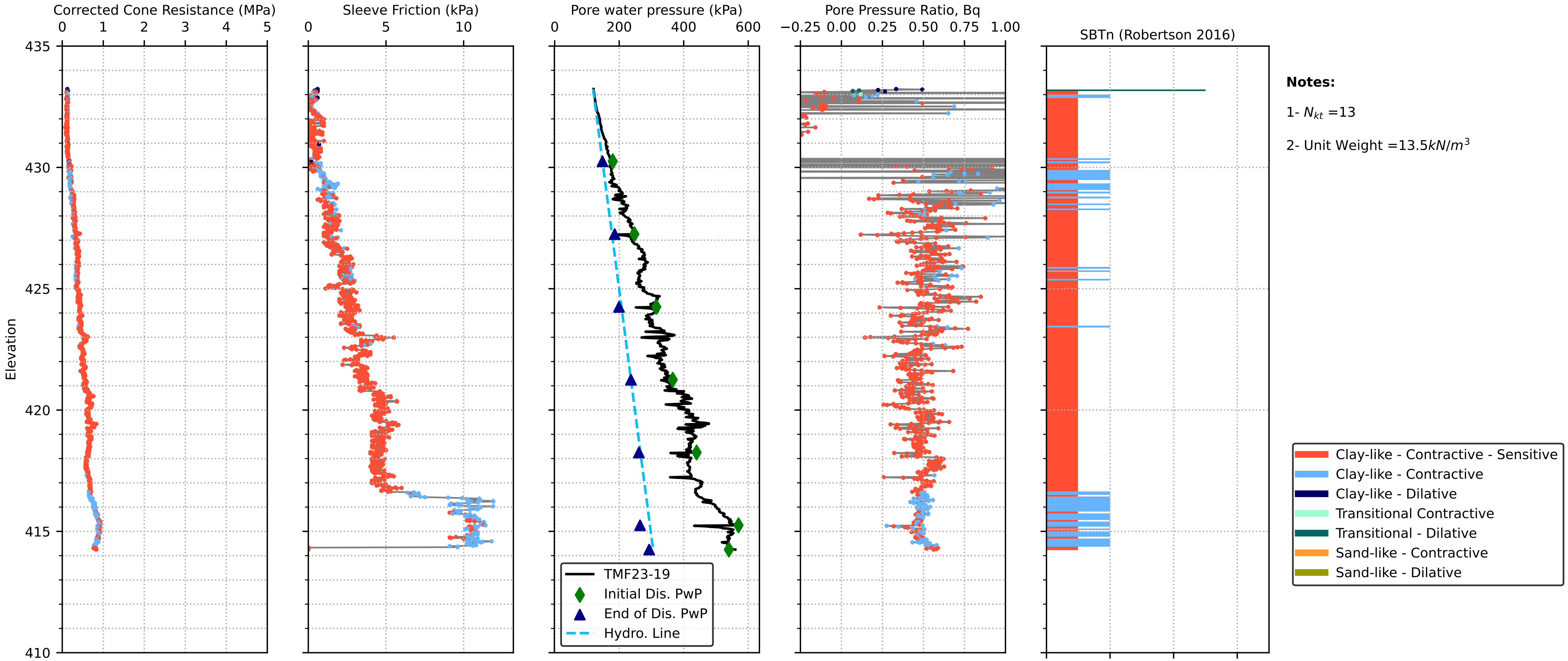


Project : CAPR002676
Total Depth (m) : 22.52
Phreatic Depth (m) : -12.6

Easting (m) : 5372.632
Northing (m) : 11113.307
Elevation (m) : 432.702

Program : McClean Lake 2023 TOVP Drilling Supervision
DateAnalysis 2023-10-30
Location McClean Lake

CPT ID : TMF23-19
Cone ID :
Comments :



Notes:

1- N_{kt} =13

2- Unit Weight =13.5kN/m^3

Project : CAPR002676
Total Depth (m) : 19.0
Phreatic Depth (m) : -12.1

Easting (m) : 11185.121
Northing (m) : 5181.761
Elevation (m) : 433.25

Appendix D Sampling Summary

Appendix D – Collected Samples Summary

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-19	TMF23-19-Dredge	Dredge	433.25	Tailings surface	-	-	N/A
TMF23-17	TMF23-17-Dredge	Dredge	433.588	Tailings surface	-	-	N/A
TMF23-03	TMF23-03-Dredge	Dredge	435.675	Tailings surface	-	-	N/A
TMF23-09	TMF23-09-Dredge	Dredge	430.86	Tailings surface	-	-	N/A
TMF23-10	TMF23-10-Dredge	Dredge	431.06	Tailings surface	-	-	N/A
TMF23-11	TMF23-11-Dredge	Dredge	432.081	Tailings surface	-	-	N/A
TMF23-12	TMF23-12-Dredge	Dredge	436.565	Tailings surface	-	-	N/A
TMF23-07	TMF23-07-Dredge	Dredge	434.112	Tailings surface	-	-	N/A
TMF23-14	TMF23-14-Dredge	Dredge	434.948	Tailings surface	-	-	N/A
TMF23-16	TMF23-16-Dredge	Dredge	431.262	Tailings surface	-	-	N/A
TMF23-13	TMF23-13-Dredge	Dredge	432.704	Tailings surface	-	-	N/A
TMF23-15	TMF23-15-Dredge	Dredge	434.296	Tailings surface	-	-	N/A
TMF23-18	TMF23-18-Dredge	Dredge	432.702	Tailings surface	-	-	N/A
TMF23-06	TMF23-06-Dredge	Dredge	431.38	Tailings surface	-	-	N/A
TMF23-05	TMF23-05-Dredge	Dredge	434.99	Tailings surface	-	-	N/A
TMF23-05	TMF23-05-SA02	Shelby	433.1	1.89	-	-	98.4%
TMF23-05	TMF23-05-SA03	Shelby	430.71	4.28	-	-	97.5%
TMF23-05	TMF23-05-SA04[1]	Shelby	427.71	7.28	-	-	99.2%
TMF23-05	TMF23-05-SA01-GT	Shelby	427.1	7.89	-	-	100.0%
TMF23-05	TMF23-05-SA05	Shelby	424.71	10.28	-	-	91.8%
TMF23-05	TMF23-05-SA06	Shelby	421.71	13.28	-	-	100.0%
TMF23-05	TMF23-05-SA07	Shelby	418.71	16.28	-	-	100.0%
TMF23-05	TMF23-05-SA08[1]	Shelby	415.69	19.3	-	-	100.0%
TMF23-05	TMF23-05-SA02-GT	Shelby	415.08	19.91	-	-	100.0%
TMF23-05	TMF23-05-SA09	Shelby	412.69	22.3	-	-	100.0%
TMF23-05	TMF23-05-SA10	Shelby	409.69	25.3	-	-	100.0%

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-05	TMF23-05-SA11	Shelby	406.701	28.29	-	-	100.0%
TMF23-05	TMF23-05-SA12	Shelby	403.701	31.29	-	-	100.0%
TMF23-05	TMF23-05-SA13	Shelby	400.681	34.31	-	-	96.7%
TMF23-05	TMF23-05-SA14[1]	Shelby	397.701	37.29	-	-	97.5%
TMF23-05	TMF23-05-SA15A	Shelby	394.681	40.31	-	-	42.6%
TMF23-05	TMF23-05-SA15B	Shelby	394.071	40.92	-	-	100.0%
TMF23-05	TMF23-05-SA16	Shelby	391.711	43.28	-	-	60.7%
TMF23-05	TMF23-05-SA17	Shelby	388.711	46.28	-	-	79.5%
TMF23-08	TMF23-08-Dredge	Dredge	436.29	Tailings Surface			N/A
TMF23-08	TMF23-08-SA02A	Shelby	435.36	0.93	-	-	29.5%
TMF23-08	TMF23-08-SA02B	Shelby	434.14	2.15	-	-	85.2%
TMF23-08	TMF23-08-SA03A[1, 2]	Shelby	432.36	3.93	-	-	49.2%
TMF23-08	TMF23-08-SA03B[1, 2]	Shelby	431.14	5.15	-	-	89.3%
TMF23-08	TMF23-08-SA04[1]	Shelby	429.36	6.93	-	-	100.0%
TMF23-08	TMF23-08-SA05	Shelby	426.36	9.93	-	-	86.1%
TMF23-08	TMF23-08-SA06	Shelby	423.28	12.93	-	-	100.0%
TMF23-08	TMF23-08-SA07	Shelby	420.36	15.93	-	-	95.9%
TMF23-07	TMF23-07-SA02A	Shelby	433.2	0.68	-	-	39.3%
TMF23-07	TMF23-07-SA02B	Shelby	432.59	1.29	-	-	94.3%
TMF23-07	TMF23-07-SA03A	Shelby	430.81	3.07	-	-	52.6%
TMF23-07	TMF23-07-SA03B	Shelby	430.2	3.68	-	-	97.5%
TMF23-07	TMF23-07-SA04A	Shelby	427.2	6.68	-	-	75.4%
TMF23-07	TMF23-07-SA04B	Shelby	426.59	7.29	-	-	96.7%
TMF23-07	TMF23-07-SA05	Shelby	424.81	9.07	-	-	100.0%
TMF23-07	TMF23-07-SA06	Shelby	421.81	12.07	-	-	100.0%
TMF23-07	TMF23-07-SA01-GT	Shelby	419.4	14.48	-	-	89.6%
TMF23-07	TMF23-07-SA07[1]	Shelby	418.79	15.09	-	-	100.0%
TMF23-07	TMF23-07-SA08	Shelby	415.82	18.06	-	-	100.0%
TMF23-07	TMF23-07-SA09[1]	Shelby	412.79	21.09	-	-	100.0%
TMF23-07	TMF23-07-SA02-GT	Shelby	412.18	34	-	-	85.0%
TMF23-07	TMF23-07-SA03-GT	Shelby	410.41	35.77	-	-	70.9%
TMF23-07	TMF23-07-SA10[1]	Shelby	409.8	36.38	-	-	100.0%
TMF23-07	TMF23-07-SA11[1]	Shelby	406.8	39.38	-	-	97.5%
TMF23-02	TMF23-02-Dredge	Dredge		Tailings surface	-	-	N/A
TMF23-01	TMF23-01-Dredge	Dredge		Tailings surface	-	-	N/A

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-07	TMF23-07-SA12	Shelby	403.8	30.08	-	-	96.7%
TMF23-07	TMF23-07-SA13[1]	Shelby	400.81	33.07	-	-	91.8%
TMF23-06	TMF23-06-SA02	Shelby	428.71	2.69	-	-	98.4%
TMF23-06	TMF23-06-SA03	Shelby	425.71	5.69	-	-	99.2%
TMF23-06	TMF23-06-SA04	Shelby	422.71	8.69	-	-	99.2%
TMF23-06	TMF23-06-SA05[1]	Shelby	419.71	11.69	-	-	100.0%
TMF23-06	TMF23-06-SA01-GT	Shelby	419.1	12.3	-	-	100.0%
TMF23-06	TMF23-06-SA06	Shelby	416.71	14.69	-	-	98.4%
TMF23-06	TMF23-06-SA07	Shelby	413.68	17.72	-	-	96.7%
TMF23-06	TMF23-06-SA08	Shelby	410.69	20.71	-	-	100.0%
TMF23-06	TMF23-06-SA09[1]	Shelby	407.69	23.71	-	-	83.3%
TMF23-06	TMF23-06-SA10[1]	Shelby	405	26.4	-	-	100.0%
TMF23-06	TMF23-06-SA02-GT	Shelby	404.39	27.01	-	-	100.0%
TMF23-06	TMF23-06-SA11	Shelby	401.69	29.71	-	-	85.4%
TMF23-06	TMF23-06-SA12	Shelby	397.48	33.92	-	-	89.2%
TMF23-06	TMF23-06-SA13	Shelby	395.7	35.7	-	-	83.8%
TMF23-06	TMF23-06-SA14A	Shelby	392.7	38.7	-	-	61.8%
TMF23-06	TMF23-06-SA14B	Shelby	392.1	54.08	-	-	100.0%
TMF23-06	TMF23-06-SA15	Shelby	389.8	56.38	-	-	69.0%
TMF23-06	TMF23-06-SA16[1]	Shelby	386.71	59.47	-	-	79.0%
TMF23-06	TMF23-06-SA-GT-03	Shelby	386.1	60.8	-	-	58.0%
TMF23-06	TMF23-06-SA17A	Shelby	383.67	62.49	-	-	59.0%
TMF23-06	TMF23-06-SA17B	Shelby	383.06	63.1	-	-	51.0%
TMF23-02	TMF23-02-SA02	Shelby	429.98	2.4	-	-	100.0%
TMF23-02	TMF23-02-SA03	Shelby	427.58	4.8	-	-	100.0%
TMF23-02	TMF23-02-SA04	Shelby	424.58	7.8	-	-	100.0%
TMF23-02	TMF23-02-SA05	Shelby	421.58	10.8	-	-	100.0%
TMF23-02	TMF23-02-SA06	Shelby	418.58	13.8	-	-	100.0%
TMF23-02	TMF23-02-SA07	Shelby	415.61	16.77	-	-	92.0%
TMF23-02	TMF23-02-SA08A	Shelby	412.28	20.1	-	-	43.0%
TMF23-02	TMF23-02-SA08B	Shelby	411.68	20.7	-	-	96.0%
TMF23-02	TMF23-02-SA09A	Shelby	409.42	22.76	-	-	18.0%
TMF23-02	TMF23-02-SA9B	Shelby	408.8	23.38	-	-	96.0%
TMF23-02	TMF23-02-SA10[1]	Shelby	406.45	25.94	-	-	96.0%
TMF23-02	TMF23-02-SA011	Shelby	403.8	28.58	-	-	96.0%
TMF23-02	TMF23-02-SA12[1]	Shelby	400.58	31.81	-	-	71.0%
TMF23-02	TMF23-02-SA13A	Shelby	397.71	34.67	-	-	16.0%

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-02	TMF23-02-SA13B	Shelby	397.11	35.27	-	-	92.0%
TMF23-02	TMF23-02-SA014[1]	Shelby	411.68	20.7	-	-	88.0%
TMF23-02	TMF23-02-SA15[1]	Shelby	409.42	22.76	-	-	69.0%
TMF23-02	TMF23-02-SA16A	Shelby	408.8	23.38	-	-	25.0%
TMF23-02	TMF23-02-SA16B	Shelby	406.45	25.94	-	-	92.0%
TMF23-02	TMF23-02-SA017A	Shelby	403.8	28.58	-	-	59.0%
TMF23-02	TMF23-02-SA17B	Shelby	400.58	31.81	-	-	43.0%
TMF23-02	TMF23-02-SA18A	Shelby	381.79	50.69	-	-	65.0%
TMF23-02	TMF23-02-SA19A	Shelby	379.7	52.68	-	-	34.0%
TMF23-02	TMF23-02-SA19B	Shelby	379.10	52.28	-	-	100.0%
TMF23-01	TMF23-01-SA02	Shelby	423.49	1.67	-	-	96.0%
TMF23-01	TMF23-01-SA03	Shelby	429.49	4.668	-	-	100.0%
TMF23-01	TMF23-01-SA04	Shelby	426.49	7.668	-	-	100.0%
TMF23-01	TMF23-01-SA05	Shelby	423.49	10.668	-	-	100.0%
TMF23-01	TMF23-01-SA06	Shelby	420.47	13.688	-	-	96.0%
TMF23-01	TMF23-01-SA07A	Shelby	417.73	16.328	-	-	25.0%
TMF23-01	TMF23-01-SA07B	5ft SPT	417.50	16.658	417.50	415.98	84.0%
TMF23-01	TMF23-01-SA08	5ft SPT	414.68	19.478	414.905	413.385	100.0%
TMF23-01	TMF23-01-SA09A	5ft SPT	411.68	22.478	411.88	410.46	64.0%
TMF23-02	TMF23-01-SA09B	Shelby	411.05	22.953	-	-	71.0%
TMF23-01	TMF23-01-SA10	5ft SPT	408.43	25.71	408.43	407.06	60.0%
TMF23-01	TMF23-01-SA11	5ft SPT	405.56	28.60	405.56	404.04	80.0%
TMF23-01	TMF23-01-SA12	5ft SPT	402.48	31.68	402.28	400.96	100.0%
TMF23-01	TMF23-01-SA13	5ft SPT	399.46	34.70			100.0%
TMF23-01	TMF23-01-SA14A	5ft SPT	398.85	34.70	399.76	398.24	100.0%
TMF23-01	TMF23-01-SA14B	5ft SPT	398.24	35.31	398.24	396.72	80.0%
TMF23-01	TMF23-01-SA15	5ft SPT	395.47	38.69	395.47	393.95	66.0%
TMF23-01	TMF23-01-SA16	5ft SPT	391.87	42.29	391.87	390.35	74.0%
TMF23-01	TMF23-01-SA17	2ft SPT	388.77	45.39	388.77	387.16	100.0%
TMF23-01	TMF23-01-SA18	2ft SPT	386.66	47.50	386.66	386.05	100.0%
TMF23-01	TMF23-01-SA19	2ft SPT	383.59	50.57	383.59	382.98	100.0%
TMF23-03	TMF23-03-SA02	Shelby	-	-	-	-	90.0%
TMF23-03	TMF23-03-SA03A	Shelby	-	-	-	-	54.1%
TMF23-03	TMF23-03-SA03B	Shelby	-	-	-	-	77.0%
TMF23-03	TMF23-03-SA04	Shelby	-	-	-	-	98.4%
TMF23-03	TMF23-03-SA01-GT	Shelby	-	-	-	-	77.0%
TMF23-03	TMF23-03-SA05	Shelby	-	-	-	-	100.0%

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-03	TMF23-03-SA06	Shelby	-	-	-	-	100.0%
TMF23-03	TMF23-03-SA07	5ft SPT	419.79	15.21	419.31	418.53	49.9%
TMF23-03	TMF23-03-SA08	5ft SPT	417.25	17.76	416.79	415.77	70.2%
TMF23-03	TMF23-03-SA09A	5ft SPT	414.37	20.64	414.24	413.43	50.5%
TMF23-03	TMF23-03-SA09B	5ft SPT	413.43	21.58	413.43	412.9	32.8%
TMF23-03	TMF23-03-SA10[1]	Shelby	-	-	-	-	100.0%
TMF23-03	TMF23-03-SA02-GT	Shelby	-	-	-	-	100.0%
TMF23-03	TMF23-03-SA11A	5ft SPT	411.35	23.66	410.97	410.65	26.2%
TMF23-03	TMF23-03-SA11B	5ft SPT	410.65	24.36	410.65	409.88	36.1%
TMF23-03	TMF23-03-SA12	5ft SPT	410.05	24.96	409.72	409.386	65.6%
TMF23-03	TMF23-03-SA13	2ft SPT	407.08	27.92	406.796	406.55	54.1%
TMF23-03	TMF23-03-SA14	5ft SPT	404.14	30.87	403.66	402.74	61.7%
TMF23-03	TMF23-03-SA15	5ft SPT	401.67	33.34	401.21	400.25	62.3%
TMF23-03	TMF23-03-SA16	5ft SPT	398.65	36.36	398.04	397.23	53.1%
TMF23-03	TMF23-03-SA17[1]	Shelby	-	-	-	-	100.0%
TMF23-03	TMF23-03-SA18	5ft SPT	388.87	46.13	388.27	387.45	51.8%
TMF23-03	TMF23-03-SA19[1]	5ft SPT	386.21	48.79	385.82	384.84	66.3%
TMF23-03	TMF23-03-SA20[1]	5ft SPT	382.85	52.16	382.21	381.42	55.1%
TMF23-03	TMF23-03-SA21[1]	2ft SPT	381.35	53.66	381.06	380.76	50.8%
TMF23-04	TMF23-04-Dredge	Dredge	-	-	-	-	-
TMF23-04	TMF23-04-SA02A	Shelby	-	-	-	-	75.4%
TMF23-04	TMF23-04-SA02B	Shelby	-	-	-	-	100.0%
TMF23-04	TMF23-04-SA03[1]	Shelby	-	-	-	-	99.2%
TMF23-04	TMF23-04-SA04[1]	Shelby	-	-	-	-	93.4%
TMF23-04	TMF23-04-SA01-GT	Shelby	-	-	-	-	99.2%
TMF23-04	TMF23-04-SA05[1]	Shelby	-	-	-	-	79.2%
TMF23-04	TMF23-04-SA06[1]	5ft SPT	421.04	11.58	420.74	419.65	68.2%
TMF23-04	TMF23-04-SA07[1]	5ft SPT	418.65	13.96	418.06	417.19	54.5%
TMF23-04	TMF23-04-SA08A[1]	5ft SPT	415.70	16.92	415.53	414.55	62.3%
TMF23-04	TMF23-04-SA08B	5ft SPT	414.55	18.06	414.55	414.2	21.0%
TMF23-04	TMF23-04-SA09[1]	Shelby	-	-	-	-	100.0%
TMF23-04	TMF23-04-SA02-GT	Shelby	-	-	-	-	75.1%
TMF23-04	TMF23-04-SA10[1]	5ft SPT	410.26	22.36	409.75	408.81	59.1%
TMF23-04	TMF23-04-SA11[1]	5ft SPT	406.42	26.20	406.28	404.95	86.0%
TMF23-04	TMF23-04-SA12	5ft SPT	403.61	29.00	403.08	402.15	61.0%
TMF23-04	TMF23-04-SA13	5ft SPT	401.62	30.99	400.34	400.12	19.7%
TMF23-04	TMF23-04-SA14	5ft SPT	398.53	34.08	397.54	397.04	30.8%

Hole ID	Sample ID	Sample Type	Penetration Elevation (masl)	Depth into Tailings (mbgs)	Sample Start Elevation (masl)	Sample End Elevation (masl)	Recovery (%)
TMF23-04	TMF23-04-SA15[1]	5ft SPT	393.60	39.02	393.29	392.11	69.6%
TMF23-04	TMF23-04-SA16	5ft SPT	390.60	42.02	390.15	389.15	63.6%
TMF23-04	TMF23-04-SA17	5ft SPT	387.50	45.12	386.96	386.02	59.0%
TMF23-04	TMF23-04-SA18	5ft SPT	384.15	48.47	383.44	382.7	47.2%
TMF23-04	TMF23-04-SA19	5ft SPT	380.72	51.90	380.37	379.25	72.2%
TMF23-04	TMF23-04-SA20[1]	5ft SPT	377.90	54.72	377.34	376.44	58.4%
TMF23-04	TMF23-04-SA21[1]	5ft SPT	373.84	58.77	372.96	372.34	42.0%

Notes:

[1] The remainings of the samples are retained for additional geotechnical testing

[2] The samples TMF23-08-SA03A and TMF23-08-SA03B were combined and labelled TMF23-08-SA03, and originally divided due to the lack of recovery of the first sample.

Appendix E Imdex Ltd. Field Report

SITE REPORT

SRK CONSULTING with Paddock Drilling

McClean Lake

IMDEX

McClean Lake

Table of Contents

Site Report

Site information

Drilling environment: Barge drilling on a Tailing Dam

Target depth ~ 200ft

Hole size: HWT (114mm OD, 101 ID)

Current mud mix: 50lbs High Yield Bentonite to ~ 220L water

Water quality: some hardness including a range of trace elements (As, Cl, Cu, Ni, Pb, U, Zn)

Pain points

1. Bentonite flocculation in mud tank
2. Back pressure to the rig
3. Hole stability
4. Cleaning the hole (effecting SPT testing)

IMDEX Recommendations

Upton further discussion a representative from SRK Consulting around all the pain points as well as some of the possible recommendations, it was recommended an IMDEX representative go out to site to

- Observe,
- Test
- and implement the proposed mud program.

Mix Order	Product Name	Qty/1000L
1	SODA ASH	0.5-1kg
2	Bentonite (GEL)	23- 35kg (1-1.5 50lbs bag)
3	AMC EZEE PAC L	1-2 kg
4	AMC XANBORE	2 kg
5	AMC BORE SEAL	3-5kg

For more details refer to the mud program sent to the site

Site Visit 1, 15 August 2023

First Batch

Mix Order	Product Name	Qty/500L
1	SODA ASH	0.5kg
2	Bentonite (GEL)	1 bag (25kg)
3	AMC EZEE PAC L	1kg
4	AMC XANBORE	1kg
5	AMC BORE SEAL	3kg

pH = 9 (was 6 prior to adding in the Soda)

Note:

- Bentonite and polymers yield better at a higher pH, with the optimal pH range between 8.5 and 9.5
- Soda also softens the water, minimising the effect the dissolved ion have on the bentonite/ polymers eg flocculation, low yielding

March funnel Viscosity = 38 second

Decided to add another 1kg of AMC XANBORE which only brought the viscosity up to 42 seconds

Note:

- Water has a viscosity of 27 seconds (reference point)
- The AMC XANBORE used was to help strengthen the bentonite properties, especially in saline environments, creating the perfect body to stabilize the formation.
- AMC BORESEAL was added into the mix to bridge the gap in the pour spaces in the formation (sands) creating the ideal surface for the AMC EZEE PAC L.
- AMC EZEE PAC L acts as a sealent by creating the thing menbrain on the surface of the formation (filtercake) which in combination with BORESEAL reduces the fluid invation into the formation stoping
    1. Preventing Induced fractures/ pressure into the formation
    2. Stabilising the formation (reduces formation cave ins)
    3. Having more stable hole and all the fluid channel up the anulas results in better hole cleaning, as well a increased rate of penetration as you not regrinding the same formation over and over again but rather cutting into fresh rock/surface all the time

Outcome

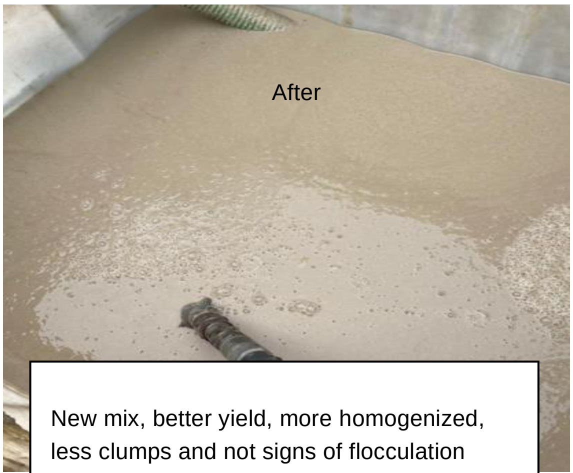
- Noticeable difference compared to previous mud mixes (bentonite only),
- Reduction in back pressure, still enough to bring to the surface
- Clumps of bentonite/ polymer notice at bottom on mix tank
-

Second batch

Mix Order	Product Name	Qty/500L
1	SODA ASH	0.5kg
2	Bentonite (GEL)	1 bag (25kg)
3	AMC EZEE PAC L	1kg
4	AMC XANBORE	2kg
5	AMC BORE SEAL	3kg

Maintained the mud ratio, however based on the observation with the clumps of product at the bottom of the tank we decide to change up the mixing system to include a 2” trash pump and that alone with the increase in sheer and mixing ability which brough the viscosity up from 41 seconds to 65 seconds as well as improved the consistency of the mud.

Pervious mud mix onsite prior to change in mixing system and mud additives (clear signs of flocculation)



New mix, better yield, more homogenized, less clumps and not signs of flocculation

Note:

After the second batch was pumped down at advanced another 10ft, there not no back pressure when they broke the rods to do a SPT test, was also noted that there only appears to be 2-3’ of sludge at the bottom and the crew where confidant they could perform a 2ft SPT

Unfortunately, the drill crew drop the sting of rods down the hole a spent 1.5hrs trying to fish it out.

Total feet drilled with new mud 15-20ft
Current depth 187ft
Roughly 20ft to go before end of hole

Conclusion

- Having the right mud mix and mixing capability is key to the success/ ease of drilling these holes
- Driller will continue with this hole and move rig to the next hole
- Drilling to commence the first week of September with the requested that a IMDEX representative be present at the start of the hole
- Proposed the rig consider using a venturi mud mixer to on the next hole, this will not only ensure better mixing a yield of the muds, but could potentially also cut down on some of the mud ratios (saving time and $$)

Site Visit 2: 3 September 2023

With the second site visit both IMDEX and the drill crew where much better prepared, especially with the new mud mixer in place.

Notes form site

- Drilled to 220 ft
- Minimal back pressure, did not need barite
- Minimal Sludge
- Where able to use the 5ft SPT, until the last two sample where they switch to the 2ft SPT
- 4 days to complete hole
- Very receptive/ accommodating drill crew.

Mixes

The below mixes were tried with Mix 5 being the overall preferred mix and what the drill crew will be using going forward

Mix Order	Product	Mix qty(kg)/500L				
		Mix 1	Mix 2	Mix 3	Mix 4	Mix 5
1	Soda Ash	0.5	0.5	0.5	0.5	0.5
2	Bentonite	12.5	25	25	25	25
3	AMC EZEE PAC L	0.5	0.5	1	1	1
4	AMC XANBORE	1	1	1	1	1
5	AMC BORESEAL	1.5	1.5	2	2	2

Viscosity (sec)	38	40	42	43	53
pH	8	8	8	8	8
Yield time (min)	5	0	5	5	15

Apart from the mix order and shearing of the product, the yield time with any bentonite mix is crucial, 10-15min is the min

PVC mixer set up: Visual

PRODUCT DATA SHEET

AMC PVC MUD MIXER XTRA LARGE™

DRILLING FLUIDS EQUIPMENT

AMC™ DRILLING OPTIMISATION

Description

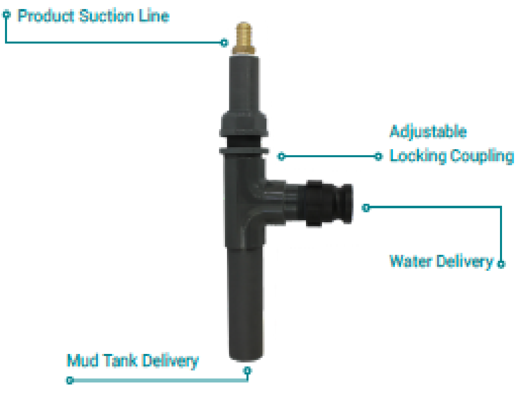
The AMC PVC MUD MIXER XTRA LARGE™ is a Venturi mixing apparatus for drilling applications.

Installation

1. Mount the AMC PVC MUD MIXER XTRA LARGE™ over the selected mix tank, face discharge downwards with the discharge well clear of the high fluid level.
2. Use cam-lock fittings; connect the AMC PVC MUD MIXER XTRA LARGE™ to the delivery line.
3. Attach the AMC PVC MUD MIXER XTRA LARGE™ clamp to the tank and lock securely.

Safe Operating Procedures

1. Ensure that the mixers are not blocked prior to mounting onto the mix tanks.
2. Ensure that the mixer is not fully closed prior to starting the mixing pump.
3. Do not exceed 150psi pump pressure through the mud mixer.



**Plastic or stainless steel*

Operation

1. Turn on water.
2. Insert the product suction line approximately 25 – 50 mm (1 – 2 inches), into the polymer powder to lift a mixture of air and polymer.
3. To increase the flow rate through the AMC PVC MUD MIXER XTRA LARGE™, increase the pump volume output or adjust the locking coupling on the unit. Unscrewing the coupling assembly will increase flow through the unit, tightening the coupling assembly will decrease flow through the unit. Do not over tighten the locking coupling. Unscrewing the coupling too far whilst the pump is operating will cause the insert section to come out, wetting the product and operator.

Cleaning

1. If the mixer blocks; remove product suction line from unit.
2. Wash the unit with fresh water until clean.
3. Dry thoroughly with air and a clean rag; DO NOT use solvents.
4. Completely unscrew the coupling assembly and inspect the o-ring for damage, then clean. Lubricate the o-ring prior to assembly.

Materials	Polyvinyl chloride
Water connection	2" (50mm) male cam-lock fitting
Recommended suction line	1 m long x 20 mm clear plastic tubing
Minimum water requirements	100 – 250 litres per minute at 40 psi
Nominal lift	1.2 metre maximum
Lift rate	1 – 1.5 kg per minute

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

IMDEX™

Leading Global mining Technology company

imdexlimited.com

AMC Drilling optimisation

Drilling fluids, Testing equipment, solids removal

www.amcmud.com

REFLEX (DEVICO)

Downhole Survey tools, rig aligners, Core orientation

www.reflexnow.com

Justin Bergh

Drilling fluid Specialist
Mobile +1 778-798-3667
Email: justin.bergh@imdexlimited.com

Mike Welwood

Mobile +1 204-430-9007
Email: mike.welwood@imdexlimited.com

Appendix F SRK Daily Job Reports

SRK Daily Report 001 – 2023 TOVP

Date:	June 22, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		**CPT Technician (Schwartz Soil-Tech Inc.)**	
				Bill Schwartz – CPT Operator	Yes

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Cloudy with rain **Afternoon:** Cloudy, rainy. Partially sunny in the afternoon. **Wind:** 5-14 km/h **Min:** 7°C **Max:** 14°C **Comment:** Wind was not a concern	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks. Specific discussion dedicated to working near water. Reviewed life jacket protocol and emergency evacuation procedures.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- General photos of the barge, support boat, and the site are provided in photo sheets 2 and 3.
- The drill rig was driven onto the barge on June 21st. See photo sheet 4.
- Prior to launching the barge, the newly installed railing on the barge needed to be fitted with PVC guards to prevent damaging the anchor lines. This process delayed launching the barge until 11:00 AM. See photo sheet 5 to view the PVC guards.
- The barge was piloted to be within 3 m from the proposed TMF23-19 location.
- The general setup of the CPTu and drilling equipment was conducted between approximately 1:00 PM and 4:00 PM.
- Placement of the casing required to complete the CPTu sounding at TMF23-19 was placed started at 4:25 PM, and the cone was advanced at approximately 4:45 PM.

- 3 m of cone was advanced before the day ended. The cone was retrieved at the end of the day, but the casing was left in place. The casing is set just above the tailings.

Plan for Tomorrow:

- Complete CPTu TMF23-19
- Move the barge to TMF23-17
- Complete CPTu at TMF23-17

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
11:00	Ramp	TMF23-19	1.25	▪ Move complete. See photo sheet 6.

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours)	Number of PPDT [1]	Comments
TMF23-19	12.1	433.25	Ongoing (3m)	Ongoing	Ongoing	▪ NQ casing was provided from the barge deck until 0.4m above the tailings surface. ▪ CPTu was advanced to 3m before the end of the day. Cone rods were tripped out and will be advanced to the same elevation tomorrow to resume the sounding. ▪ See photo sheet 7 to view the drill rig setup and instrument.

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ See photo sheet 8.

Daily Drilling Progress[1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.

Tentative Program Schedule

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			• Dredge sample taken
June 23, 2023	TMF23-17	X			• N/A

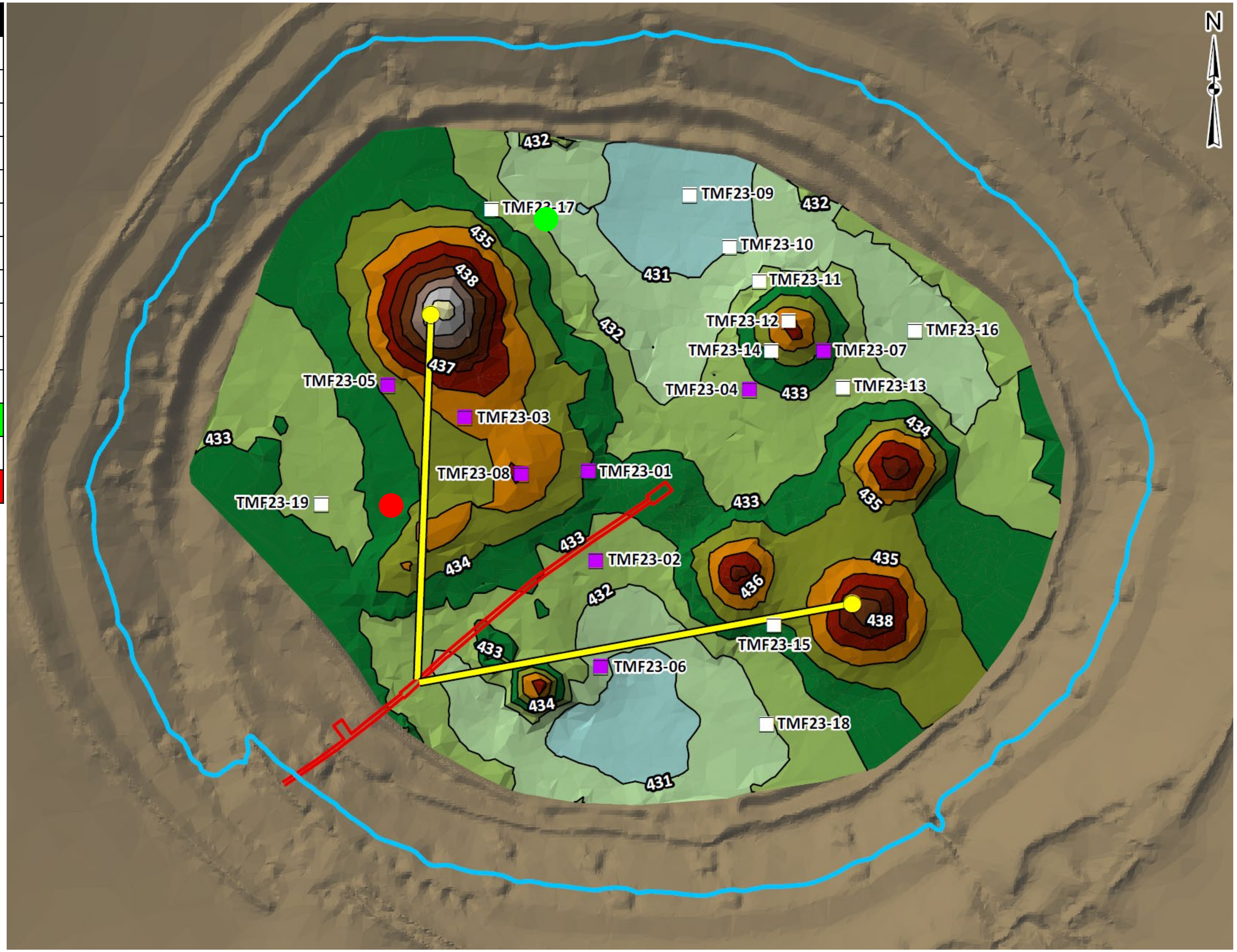
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 24, 2023	TMF23-03	X			• N/A
June 25, 2023	TMF23-09	X			• N/A
June 25, 2023	TMF23-10	X			• N/A
June 26, 2023	TMF23-11	X			• N/A
June 26, 2023	TMF23-12	X			• N/A
June 27, 2023	TMF23-14	X			• N/A
June 27, 2023	TMF23-07	X			• N/A
June 28, 2023	TMF23-13	X			• N/A
June 28, 2023	TMF23-16	X			• N/A
June 29, 2023	TMF23-15	X			• N/A
June 30, 2023	TMF23-06	X			• N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program

Hole ID	Status
TMF23-03	Incomplete
TMF23-06	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	In Progress



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 22, 2023	AN	1

Photo 1: Support Boat (June 21st , 2023)

Photo 2: Preliminary Barge Inspection (June 21st , 2023)

Photo 3: Preliminary Site Overview (June 21st , 2023)

srk consulting	orano	**2023 TOVP Program**
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: June 22, 2023 | Approved: AN | Photo Sheet: 2

Photo 4: Deck of the Barge (June 21st , 2023)

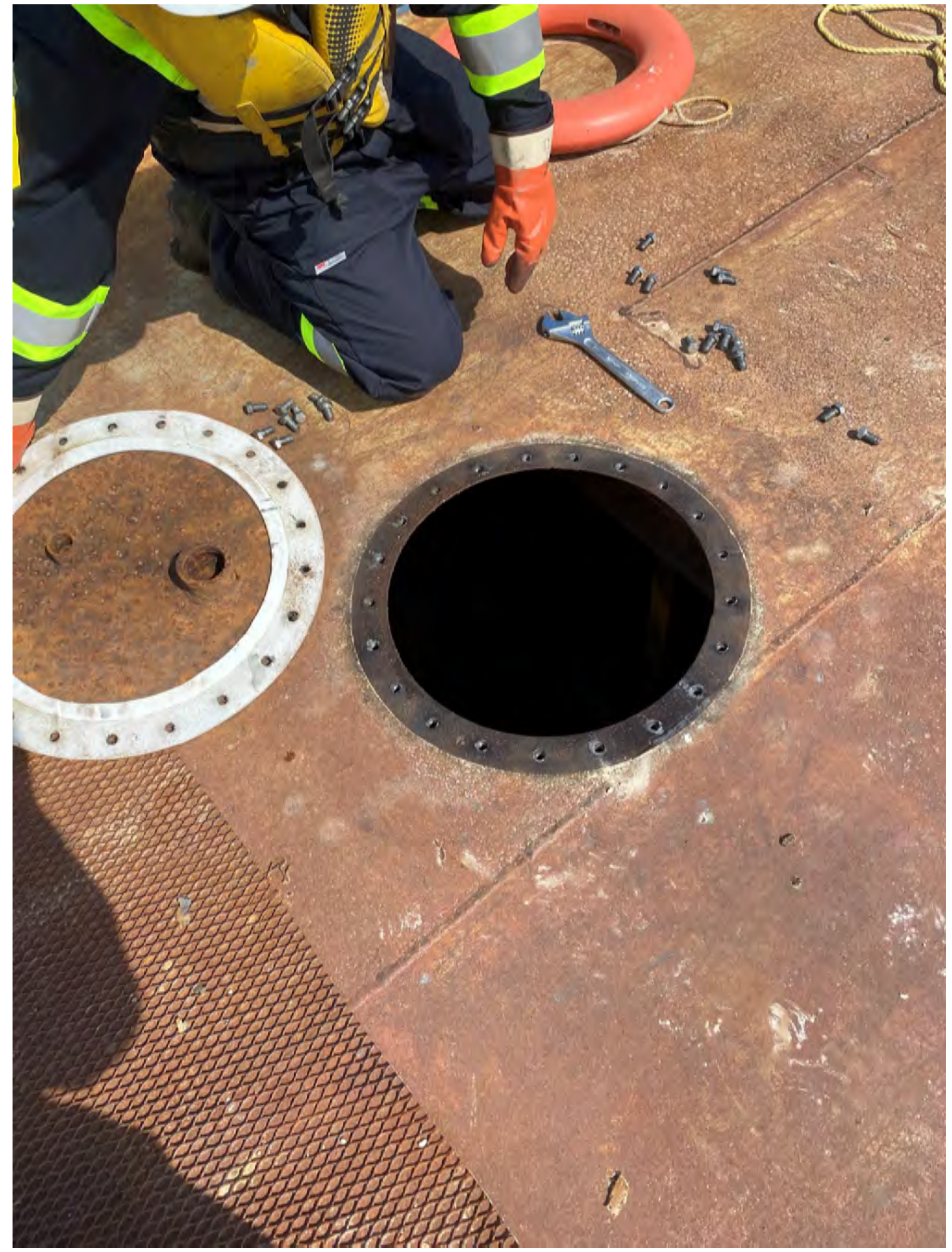


Photo 5: Barge Inspection (June 21st , 2023)

Photo 6: Stern of the Barge (June 21st , 2023)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: June 22, 2023	Approved: AN	Photo Sheet: 3

Photo 7: Drill Loading (looking N) (June 21st , 2023)

Photo 8: Drill Loading (looking S) (June 21st , 2023)

Photo 9: Drill loading (looking SW) (June 21st , 2023)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 22, 2023 · Approved: AN · Photo Sheet: 4

Photo 10: Installation of the Plastic Covers for Railings (June 22nd , 2023)

Photo 11: Preparation of the Plastic Covers for Railings (June 22nd , 2023)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 22, 2023 · Approved: AN · Photo Sheet: 5

Photo 12: View from the Launched Barge (looking N) (June 22nd , 2023)

Photo 13: View from the Launched Barge (looking SE) (June 22nd , 2023)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
June 22, 2023	AN	**6**

Photo 14: CPTu Set-up (June 22nd, 2023)

Photo 15: Assembled Cone (June 22nd, 2023)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: June 22, 2023	Approved: AN	Photo Sheet: 7

Photo 16: TMF23-19 Sealed Dredge Sample (June 22nd, 2023)

Photo 17: TMF Pond Overview from June 22nd, 2023 (looking NE)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 22, 2023 / Approved: AN / Photo Sheet: 8

SRK Daily Report 002 – 2023 TOVP

Date:	June 23, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Out		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny with some clouds. **Wind:** 3-10 km/h **Min:** 3.2 °C **Max:** 22.8 °C **Comment:** Wind was not a concern	**Three Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks. The conversation focused on revisiting the risks and hazards identified in previous meetings, while also exploring the potential for any newly emerging hazardous procedures.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Adam L. departed the site in the morning.
- Figure 1 shows the status of each boring in a plan view.
- General site overview is shown in photo sheets 2 and 6.
- The starting position of the CPTu's initial rod was set 0.7 meters above the surface of the tailings. As a result, the initial measurement (pushed rod) covers a depth of only 0.3 meters.

Plan for Tomorrow:

- Move the barge to TMF23-03
- Complete CPTu at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
13:30	TMF23-19	TMF23-17	0.83	▪ Move Complete. See photo sheet 5.

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-19	12.1	433.25	19	3.33 [3]	7	▪ The test proceeded, commencing 3 meters below the tailings level, as it was left off the day before.
TMF23-17	11.8	433.59	13.3	1.5	5	▪ The first rod extending 0.3 m below tailings surface. See photo sheet 4 for set-up overview.

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.
3. The overall duration includes the time spent on portion of the test conducted the previous day.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour. See photo sheet 3.

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.

Tentative Program Schedule

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			• Dredge sample taken
June 23, 2023	TMF23-17	X			• Dredge sample taken. Initial CPTu rod that was pushed into tailings ended at 0.3 below tailings level.
June 24, 2023	TMF23-03	X			• N/A
June 25, 2023	TMF23-09	X			• N/A
June 25, 2023	TMF23-10	X			• N/A

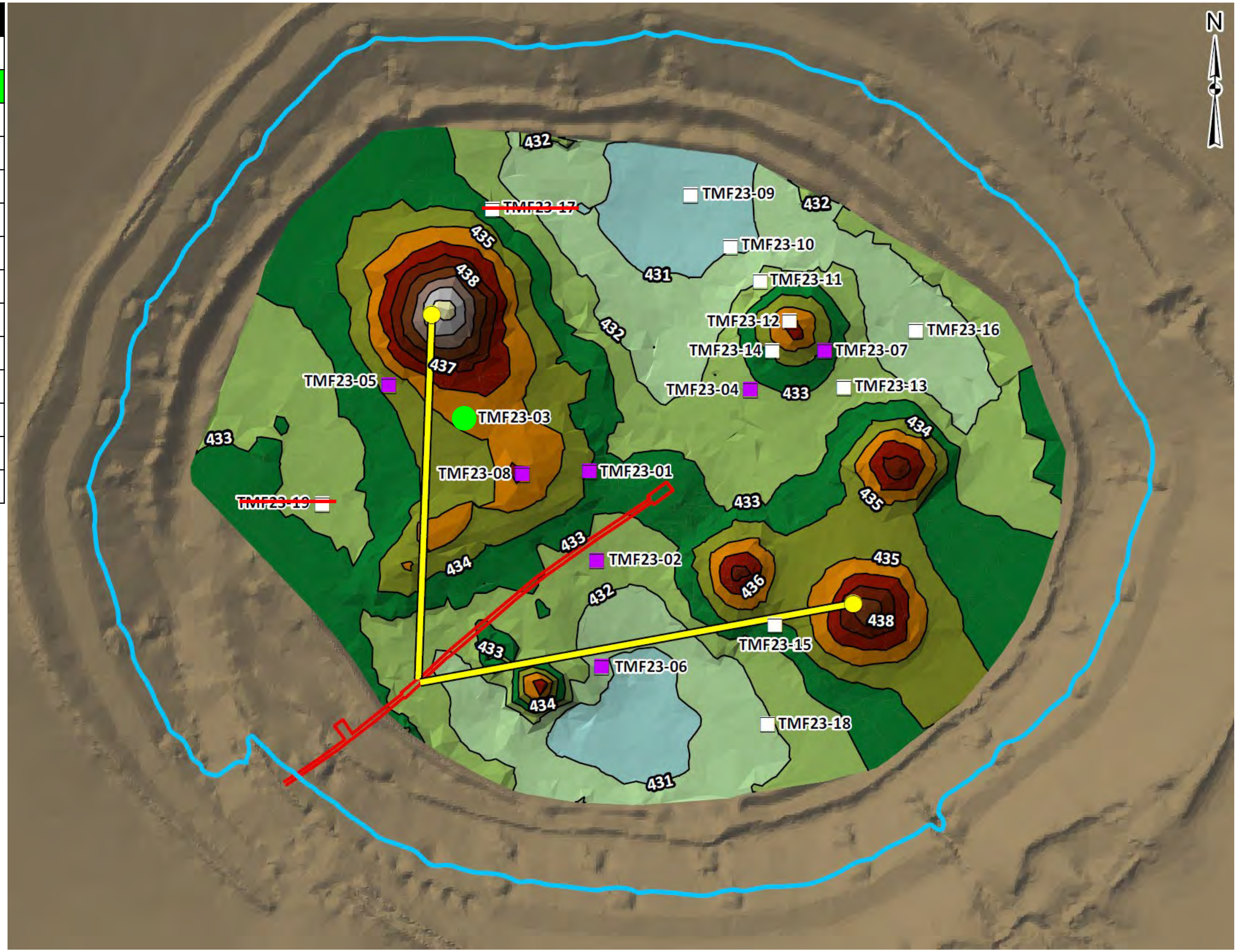
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 26, 2023	TMF23-11	X			• N/A
June 26, 2023	TMF23-12	X			• N/A
June 27, 2023	TMF23-14	X			• N/A
June 27, 2023	TMF23-07	X			• N/A
June 28, 2023	TMF23-13	X			• N/A
June 28, 2023	TMF23-16	X			• N/A
June 29, 2023	TMF23-15	X			• N/A
June 30, 2023	TMF23-06	X			• N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program

Hole ID	Status
TMF23-03	Incomplete
TMF23-06	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 23, 2023	AN	1

Photo 1: Morning Site Overview (looking N)

Photo 2: Morning Site Overview (looking NE)

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: June 23, 2023	Approved: AN	Photo Sheet: 2

Photo 3: Launching Area (looking NW)

Photo 4: TMF23-17 Dredge Sample

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: June 23, 2023	Approved: AN	Photo Sheet: 3

Photo 5: CPTu Set-up (looking E)

Photo 6: CPTu Set-up (looking NE)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: June 23, 2023 · Approved: AN · Photo Sheet: 4

Photo 7: Barging to TSF23-17 (General Overview)

Photo 8: Barging to TSF23-17 (General Overview – Turning)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: June 23, 2023 / Approved: AN / Photo Sheet: 5

Photo 9: End of the Day Photo (looking W)

Photo 10: End of Day Photo (looking N)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: June 23, 2023 · Approved: AN · Photo Sheet: 6

SRK Daily Report 003 – 2023 TOVP

Date:	June 24, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny with some overcast and rain. **Wind:** 4-57 km/h **Min:** 11.1 °C **Max:** 27.7 °C **Comment:** Strong wind affected the barge movement.
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- The general daily site overview is shown in photo sheet 2.
- Adverse wind conditions resulted in a significant increase in the time required to move the barge, taking approximately 2.75 hours.
- The process of casing advancement on average took around 2 hours to complete.
- The barge exhibited swinging and rotating movements, making it challenging to stabilize with anchors and adjust its position accordingly.
- The test had to be halted at a depth of 17.44 m due to substantial rebound, necessitating further casing advancement.
- Due to disturbance incurred due to casing advancement, the CPTu non-zero readings commence from a depth of 0.44 m below the tailings elevation.
- The steel casing was left in place overnight to enable the continuation of the CPTu test the following day, as the process of extracting and reinserting it is time-consuming and may cause further delays.

Plan for Tomorrow:

- Complete CPTu at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:15	TMF23-17	TMF23-03	2.75	▪ The move has been completed, but due to strong winds, it took longer than expected to stabilize the barge. Despite installing 15 anchors to keep it in place, there was still some rotation noticed (Photo Sheet 2)

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-03	9.7	435.68	Ongoing (17.44)	Ongoing	Ongoing	▪ The first 0.44 m below the tailings surface was disturbed during casing installation to prevent it from sticking up too high above the deck. As a result, the CPTu non-zero readings start from 0.44 m below the tailings elevation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed (Photo Sheet 3).

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour (Photo Sheet 4)

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.

Tentative Program Schedule

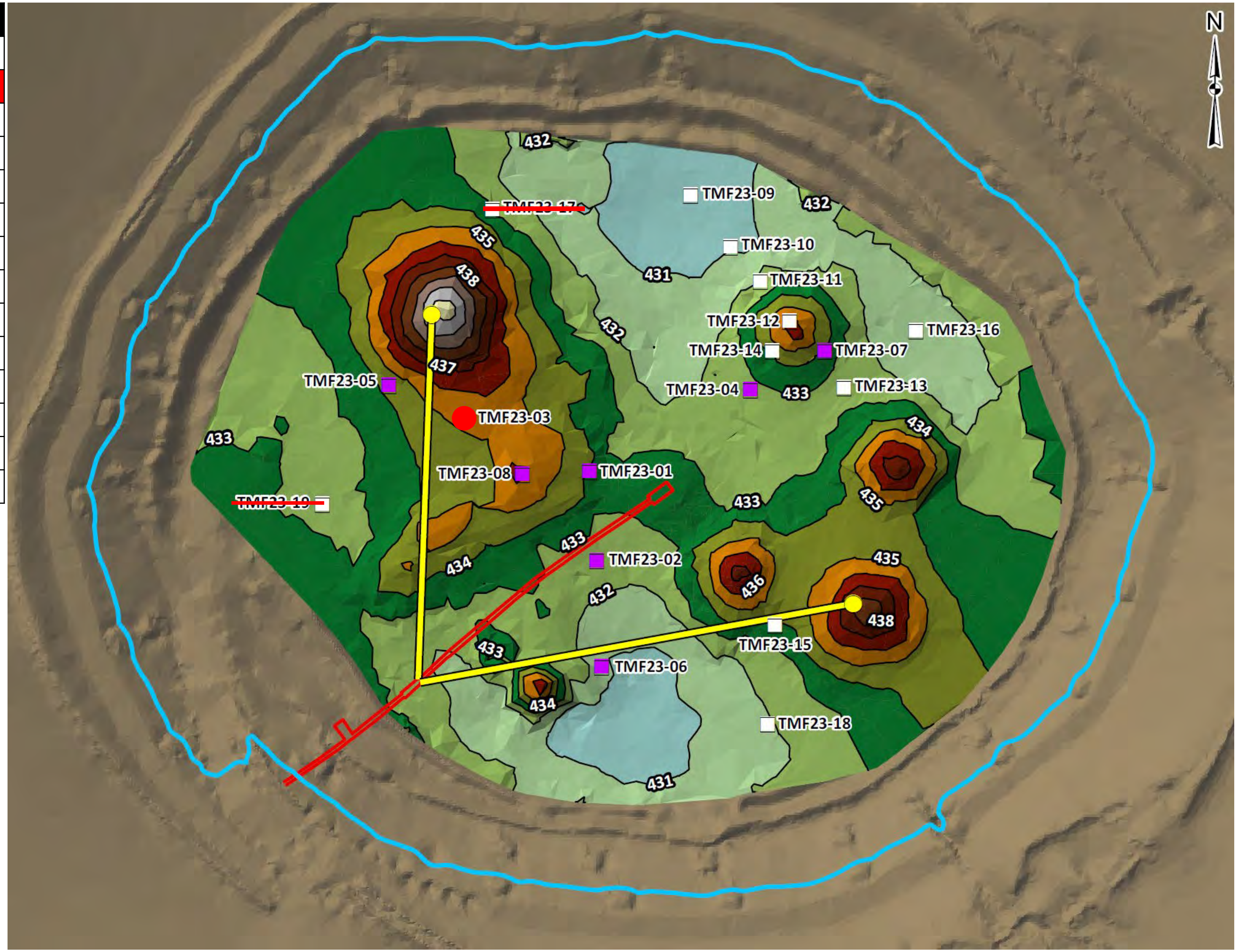
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			• Dredge sample taken.

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-17	X			• Dredge sample taken. Initial CPTu rod that was pushed into tailings ended at 0.3 below tailings level.
June 24, 2023	TMF23-03	X			• Dredge sample taken. • Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. • Additionally, the first 0.44 m below the tailings surface was disturbed during casing installation to prevent it from protruding too high above the deck. Therefore, the CPTu non-zero readings were taken from 0.44 m below the tailings elevation. • The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			• N/A
June 26, 2023	TMF23-09	X			• N/A
June 26, 2023	TMF23-10	X			• N/A
June 27, 2023	TMF23-11	X			• N/A
June 27, 2023	TMF23-12	X			• N/A
June 28, 2023	TMF23-14	X			• N/A
June 28, 2023	TMF23-07	X			• N/A
June 29, 2023	TMF23-13	X			• N/A
June 29, 2023	TMF23-16	X			• N/A
June 30, 2023	TMF23-15	X			• N/A
July 1, 2023	TMF23-06	X			• N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program	
Hole ID	Status
TMF23-03	In Progress
TMF23-06	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program	
Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 24, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
June 24, 2023	AN	2

Photo 3: CPTu Set-up (Casing)

Photo 4: CPTu Set-up (Casing Installation)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: June 24, 2023	Approved: AN	Photo Sheet: 3

Photo 5: View from the Barge (looking S)

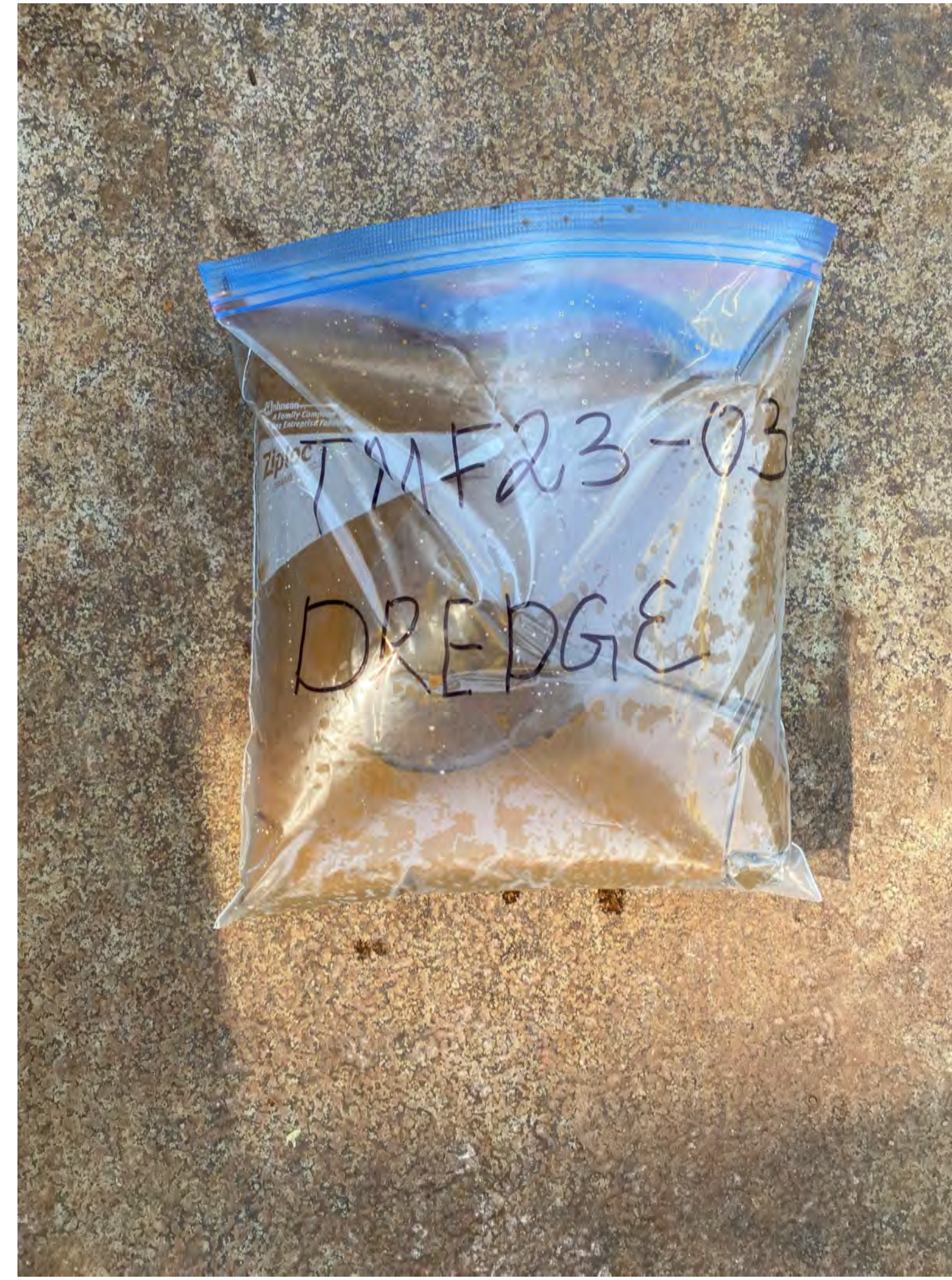


Photo 6: TMF23-03 Dredge Sample

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: June 24, 2023	Approved: AN	Photo Sheet: 4

SRK Daily Report 004 – 2023 TOVP

Date:	June 25, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind:** 3-12 km/h **Min:** 4.2 °C **Max:** 15.6 °C **Comment:** Windy conditions caused rotational motions in the barge during the afternoon.	**Three Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings:	**Summary:**
06:00 – Toolbox talk	- General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- The general daily site overview is shown in photo sheet 2.
- Before continuation of the test 50' of steel casing was pulled up and re-installed to ensure a proper fit.
- The first 0.44 m of the test is unreliable due to the disturbance associated with casing advancement into the mudline.
- The interval between 17.2 and 17.44 m below tailings surface was disturbed due to the casing advancement. Nevertheless, since this interval had been graphed/assessed before, this would not affect the results (See photo sheets 3 and 4 for an example of CPTu set-up).
- The interval between 31.44 and 32.44 m below tailings surface was disturbed due to the casing advancement (See photo sheets 3 and 4 for an example of CPTu set-up).
- Mud was added to prevent soil from heaving into the casing (See photo sheet 4).

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-09
- Complete CPTu at TMF23-09
- Move to the location of CPTU TMF23-10
- Complete CPTu TMF23-10

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-03	9.7	435.68	43.16	12.5	18	N/A

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
N/A						

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.

Tentative Program Schedule

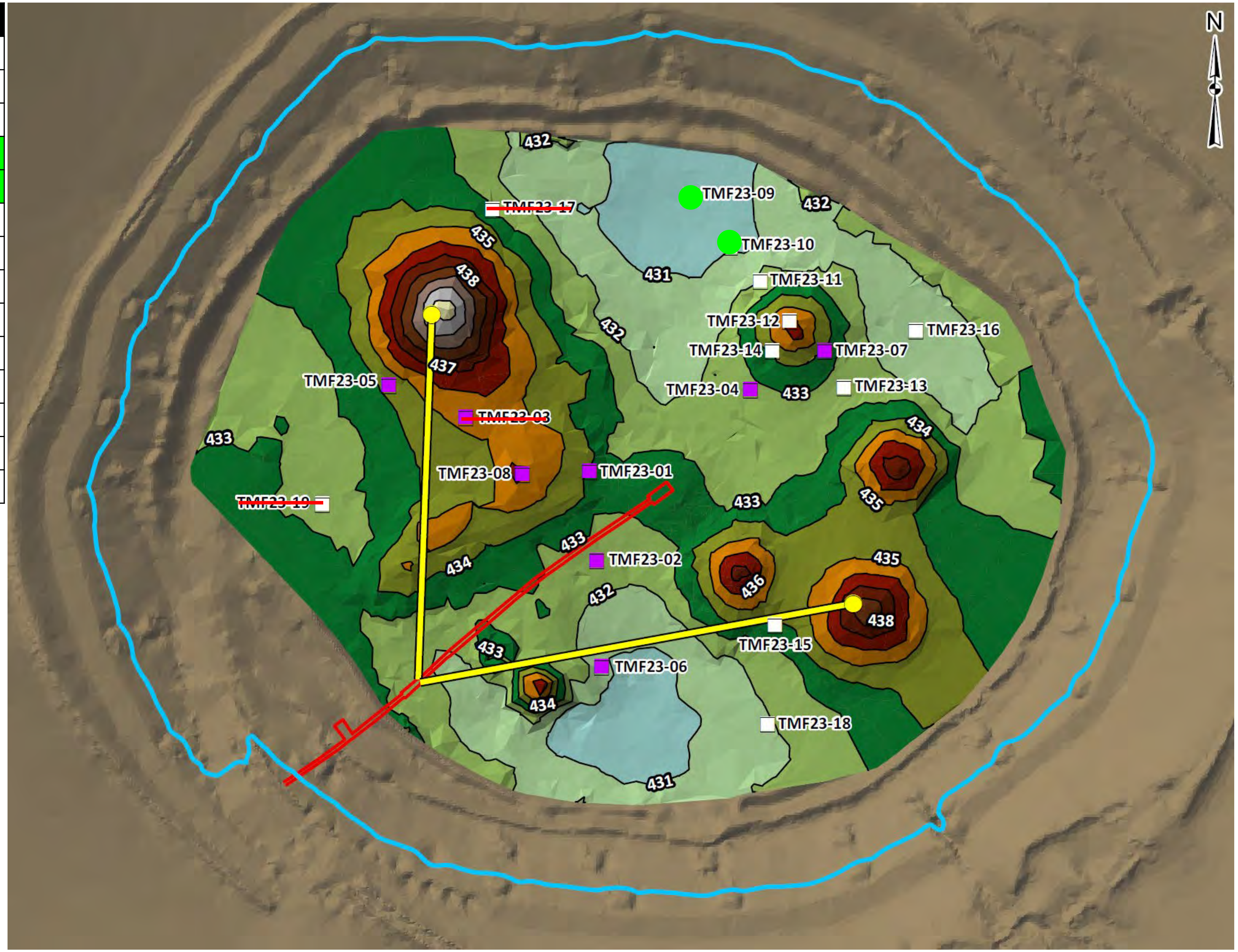
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ N/A
June 23, 2023	TMF23-17	X			▪ N/A
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ N/A
June 26, 2023	TMF23-10	X			▪ N/A
June 27, 2023	TMF23-11	X			▪ N/A
June 27, 2023	TMF23-12	X			▪ N/A
June 28, 2023	TMF23-14	X			▪ N/A
June 28, 2023	TMF23-07	X			▪ N/A
June 29, 2023	TMF23-13	X			▪ N/A
June 29, 2023	TMF23-16	X			▪ N/A
June 30, 2023	TMF23-15	X			▪ N/A
July 1, 2023	TMF23-06	X			▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program	
Hole ID	Status
~~TMF23-03~~	~~Complete~~
TMF23-06	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program	
Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 25, 2023	AN	1

Photo 1: Morning Site Overview (looking N)

Photo 2: Evening Site Overview (looking W)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: June 25, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: CPTu Set-up (Casing Connection)

Photo 4: CPTu Set-up (Casing Advancement)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 25, 2023 / Approved: AN / Photo Sheet: 3

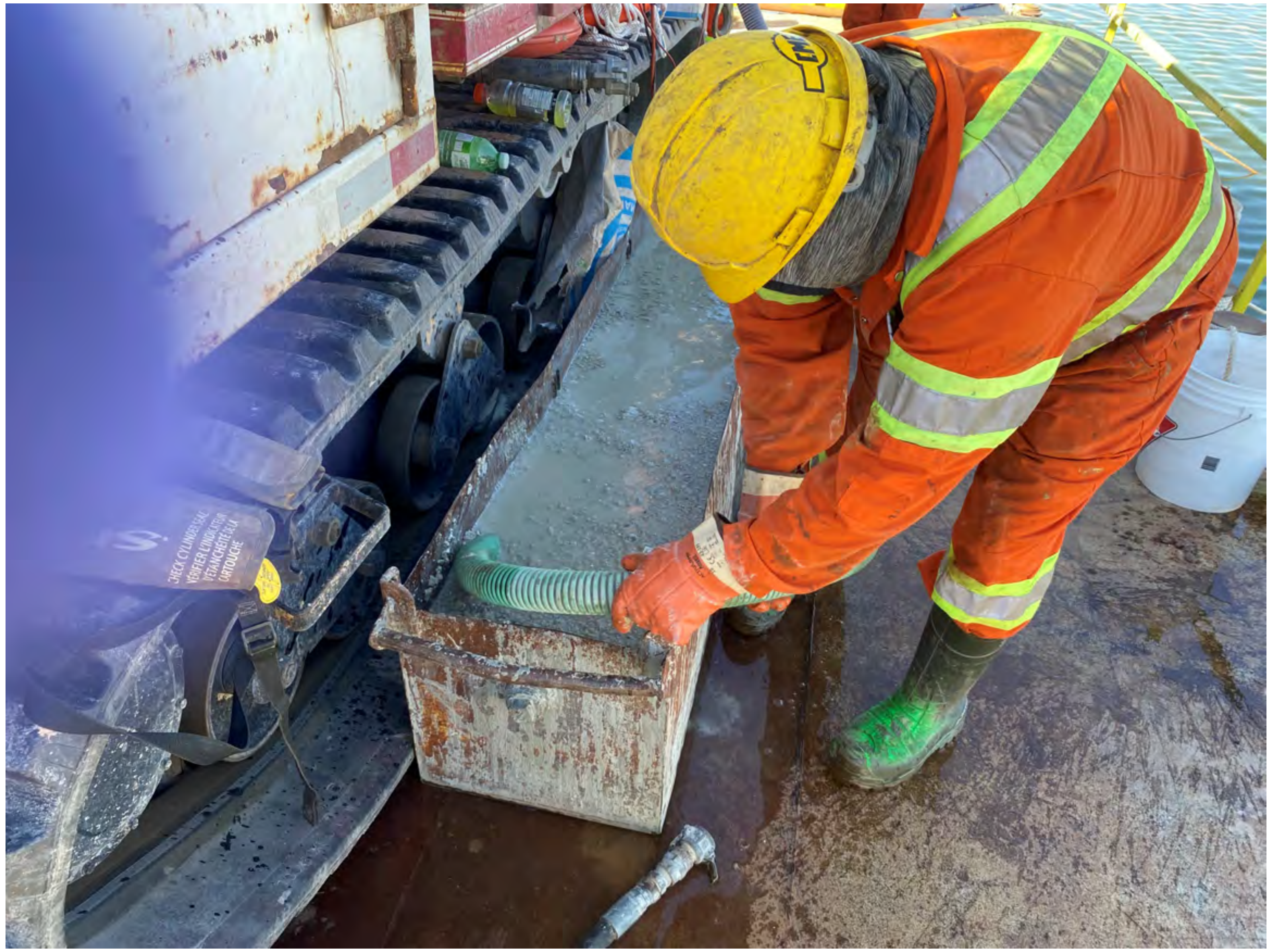


Photo 5: CPTu Set-up (Bentonite Mix)

Photo 6: CPTu Set-up (Pushing of the cone)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
June 25, 2023	AN	**4**

SRK Daily Report 005 – 2023 TOVP

Date:	June 26, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.			**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny. Overcast after 3:30 pm **Wind:** 2-15 km/h **Min:** 1.6 °C **Max:** 20.9 °C **Comment:** Windy conditions caused rotational motions in the barge during the afternoon.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Site overview at the start and end of the workday is illustrated in Photo Sheet 2.
- Photo Sheet 5 shows the area overview from the barge.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-11
- Complete CPTu at TMF23-11
- Move to the location of CPTU TMF23-12
- Complete CPTu TMF23-12

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:30	TMF23-03	TMF23-09	0.5	▪ N/A
13:00	TMF23-09	TMF23-10	1.75	▪ The growing wind force made it difficult for the barge to rapidly secure its position above the intended site.

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-09	14.5	430.86	15.6	1.5	7	▪ See the Photo Sheet 3 for an illustration of the set-up example.
TMF23-10	14.2	431.06	19.66	1.75	8	▪ See the Photo Sheet 3 for an illustration of the set-up example.

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	N/A	N/A	▪ Dark brown to grey colour with some orange specs (Photo Sheet 4).

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	N/A	N/A	▪ Dark brown to grey colour with some orange specs (Photo Sheet 4).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Tentative Program Schedule

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			N/A
June 23, 2023	TMF23-17	X			N/A
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			N/A
June 27, 2023	TMF23-11	X			N/A
June 27, 2023	TMF23-12	X			N/A
June 28, 2023	TMF23-14	X			N/A
June 28, 2023	TMF23-07	X			N/A
June 29, 2023	TMF23-13	X			N/A
June 29, 2023	TMF23-16	X			N/A
June 30, 2023	TMF23-15	X			N/A

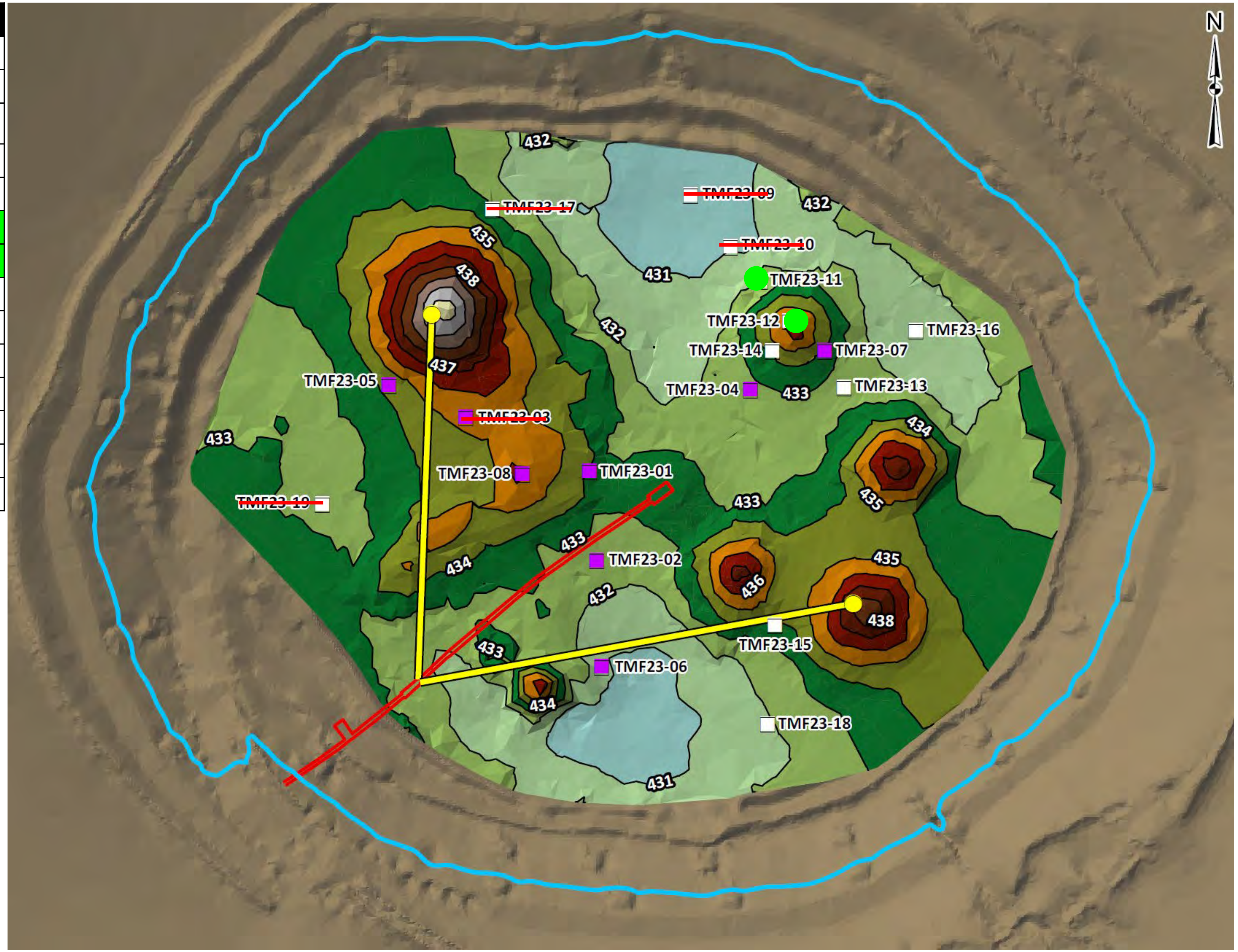
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 1, 2023	TMF23-06	X			▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program

Hole ID	Status
~~TMF23-03~~	~~Complete~~
TMF23-06	Incomplete
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 26, 2023	AN	1

Photo 1: Morning Site Overview (looking W)

Photo 2: Evening Site Overview (looking W)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 26, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: CPTu Set-up (Cone and Casing)

Photo 4: CPTu Set-up (Cone Pushing)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
June 26, 2023	AN	3

Photo 5: TMF23-09 Dredge Sample

Photo 6: TMF23-10 Dredge Sample

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 26, 2023 / Approved: AN / Photo Sheet: 4

Photo 7: Barge and Area Overview (Looking E)

Photo 8: Area Overview (looking S)

srk consulting Project No: CAPR002676 Location: McClean Lake	orano	**2023 TOVP Program** **Daily Report** **Figure and Photos** Date: June 26, 2023 · Approved: AN · Photo Sheet: 5

SRK Daily Report 006 – 2023 TOVP

Date:	June 27, 2023		Project Number:	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	Drilling Crew:	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny. Smoky from forest fires. **Afternoon:** Sunny. Smoky from forest fires **Wind:** 2-15 km/h **Min:** 9.1°C **Max:** 20.1 °C **Comment:** None	**Four Day Outlook:**
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-14
- Complete CPTu at TMF23-14
- Move to the location of CPTU TMF23-07
- Complete CPTu TMF23-07

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
6:50	TMF23-10	TMF23-11	1.5	▪ N/A
12:50	TMF23-11	TMF23-12	1.0	▪ N/A

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-11	13.2	432.081	21.9	2.0	11	▪ 2.8 m radius from the proposed location (within 3.0 m requirement). Possible contact with JEB/SUE tailings at around 11.9 m below tailigns surface. The test was stopped at 21.9 due to the rebound at the substantial depth (See Photo Sheet 3 for a set-up example).
TMF23-12	8.7	436.565	16.0	2.0	8	▪ Due to a significant rebound, the test was stopped at 16.0 m below tailings surface (See Photo Sheet 3 for a set-up example)

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-11	TMF23-11-DREDGE	DREDGE	432.081	N/A	N/A	▪ Light to dark brown colour with traces of orange areas (See Photo Sheet 4).

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-12	TMF23-12-DREDGE	DREDGE	436.565	N/A	N/A	▪ Black to dark grey colour with traces of orange areas (See Photo Sheet 4).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.

Tentative Program Schedule

Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The casing was not advanced to reach a target depth of 26.0 m below tailings level as the contact with JEB/SUE tailings had been established. It was decided to move on to the next test.

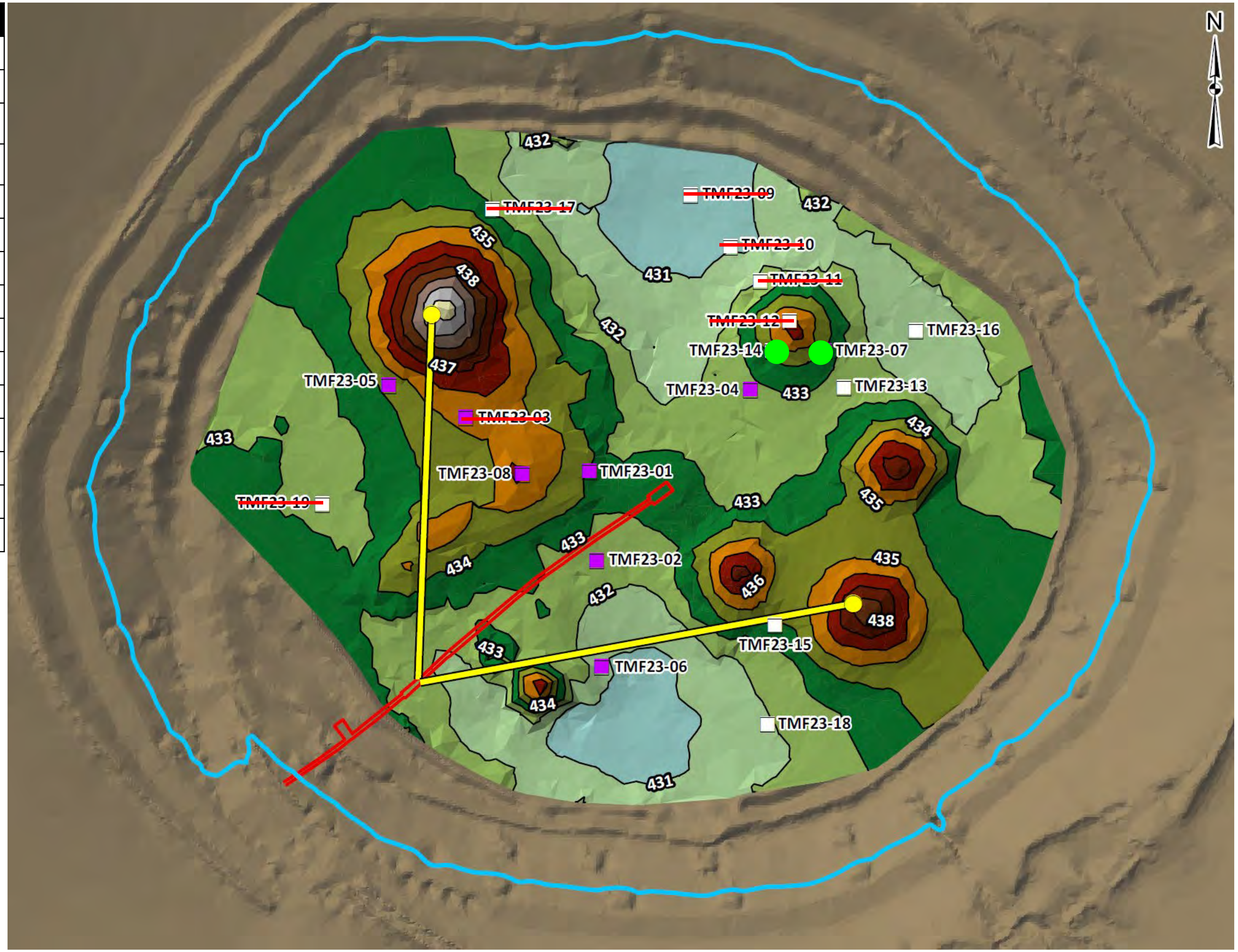
Date	Location ID	CPTu	Geochemical	Geotechnical	Comments
June 28, 2023	TMF23-14	X			▪ N/A
June 28, 2023	TMF23-07	X			▪ N/A
June 29, 2023	TMF23-13	X			▪ N/A
June 29, 2023	TMF23-16	X			▪ N/A
June 30, 2023	TMF23-15	X			▪ N/A
July 1, 2023	TMF23-06	X			▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.

CPTu Program

Hole ID	Status
~~TMF23-03~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
~~TMF23-11~~	~~Complete~~
~~TMF23-12~~	~~Complete~~
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 27, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: June 27, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: CPTu Set-up

Photo 4: CPTu Set-up (Casing)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 27, 2023 / Approved: AN / Photo Sheet: 3

Photo 5: TMF23-11 Dredge Sample

Photo 6: TMF23-12 Dredge Sample

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: June 27, 2023	Approved: AN	Photo Sheet: 4

SRK Daily Report 007 – 2023 TOVP

Date:	June 28, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny in the first half of the afternoon. Partially cloudy in the second half. **Wind:** 3-13 km/h **Min:** 9.4°C **Max:** 25.7 °C **Comment:** None
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- Photo Sheet 4 illustrates the view of the barge from water.
- The feed frame of the drill was rubbing over the cylinder which could prompt the potential wearing off the steel cylinder and downtime. Therefore, additional maintenance was conducted on this part of the drill starting at 4.30 pm (See Photo Sheet 5).
- TMF23-04 was carried out to compare it with historical soundings, aiming for a depth of 22 meters below the tailings surface, which corresponds to the depth of an old sounding. After reaching the desired depth, the test continued until it reached the refusal point.
- Initial TMF23-04 casing was advanced 1.5' into the mudline.
- TMF23-04 was initially stopped at 17.12 m below tailigns surface due to the rebound greater than 0.5'' as well as a spike in tip resistance.[1]

- Following the advancement of the casing to 17.12 meters below tailings elevation, approximately 8 centimeters of material was disturbed.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-13
- Complete CPTu at TMF23-13
- Move to the location of CPTU TMF23-14
- Complete CPTu TMF23-14

[1] When elevated tip resistances are experienced at depth, such as in the Jeb/Sue tailings, the resistance leads to bending in the cone rods, which are encircled by the unconsolidated cigar lake tailings. This bending can be observed through an upward movement (rebound) of the cone rod when the hydraulic press is disengaged. Around 0.5 to 1.5 inches of uplift were noticed in this instance.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:00	TMF23-12	TMF23-07	2.25	- N/A

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-07	11.2	434.11	25.0	6.25	12	- See Photo Sheet 3 for a set-up example

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	N/A	N/A	▪ Black to dark grey colour. Some orange specks (Photo Sheet 3).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	Black to dark grey colour. Some orange specks.

Tentative Program Schedule

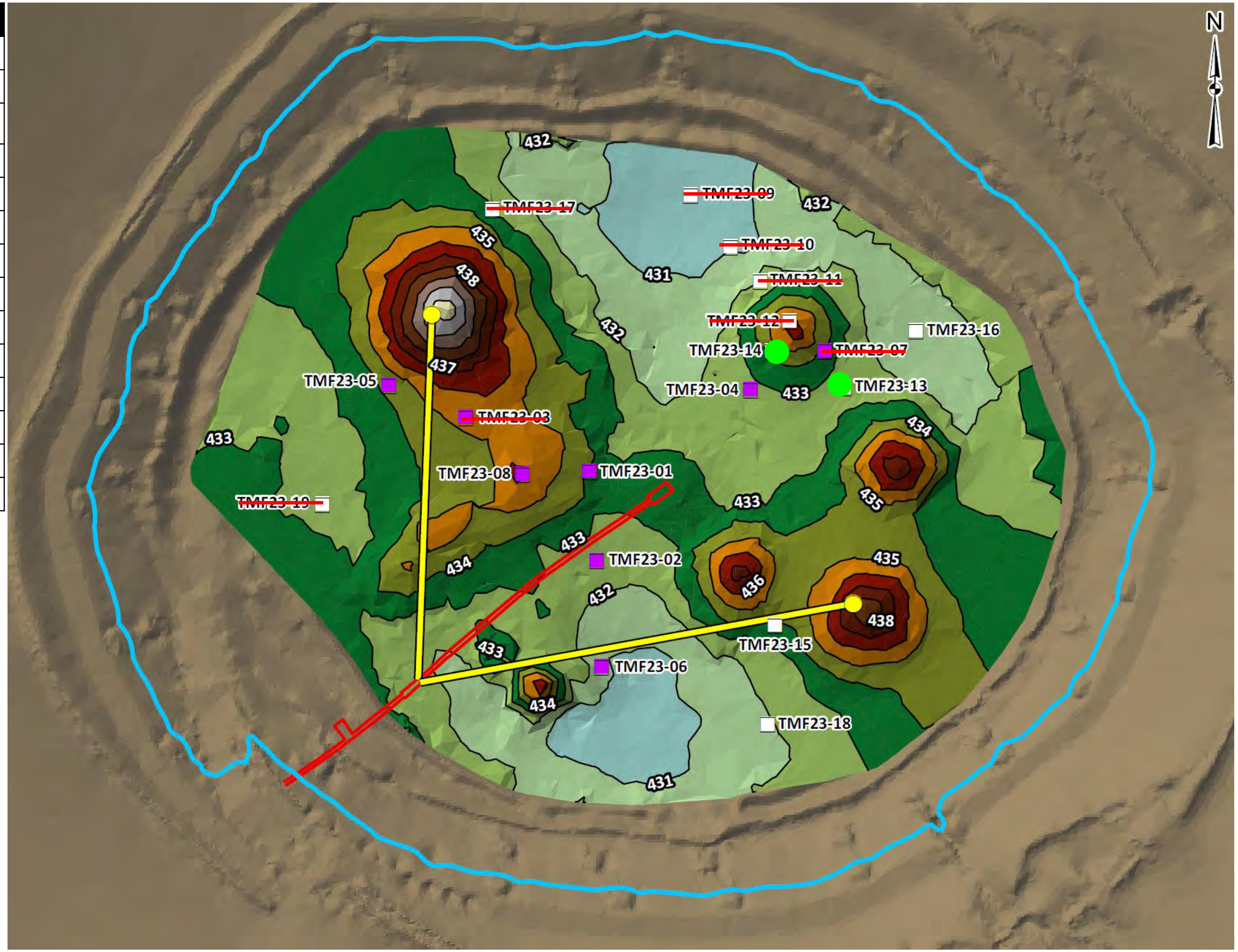
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			-
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-13	X			N/A
June 29, 2023	TMF23-14	X			N/A
June 30, 2023	TMF23-16	X			N/A
June 30, 2023	TMF23-15	X			N/A
July 1, 2023	TMF23-18	X			N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.
3. Additional locations might be selected CPTu testing if time permits.

CPTu Program	
Hole ID	**Status**
~~TMF23-03~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
~~TMF23-11~~	~~Complete~~
~~TMF23-12~~	~~Complete~~
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 28, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 28, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: CPTu Set-up

Photo 4: TMF23-04 Dredge Sample

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 28, 2023 · Approved: AN · Photo Sheet: 3

Photo 5: Barge and Site Overview (looking NE)

Photo 6: Barge Overview (looking N)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos**
		Date: June 28, 2023 | Approved: AN | Photo Sheet: **4**

Photo 7: Drill Maintenance

Photo 8: Feeding Frame and a Cylinder Contact

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 28, 2023 / Approved: AN / Photo Sheet: 5

SRK Daily Report 008 – 2023 TOVP

Date:	June 29, 2023		Project Number:	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	Drilling Crew:	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny/Overcast. **Wind:** 2-27 km/h **Min:** 11.6°C **Max:** 29.9 °C **Comment:** None	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- Initial TMF23-14 casing was advanced 1.25 m into the mudline.
- Initial TMF23-16 casing was advanced 0.6 m into the mudline.
- TMF23-14 was stopped at 22.24 m below tailigns surface due to the rebound greater than ½'' as well as a spike in tip resistance [1]. Therefore, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
- The target depth for TMF23-16 was achieved. Based on the Leapfrog Model, the Pit is located approximately 2 m below the achieved depth.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-13
- Complete CPTu at TMF23-13
- Move to the location of TMF23-15
- Complete CPTu TMF23-15

[1] When elevated tip resistances are experienced at depth, such as in the Jeb/Sue tailings, the resistance leads to bending in the cone rods, which are encircled by the unconsolidated cigar lake tailings. This bending can be observed through an upward movement (rebound) of the cone rod when the hydraulic press is disengaged. Around 0.5 to 1.5 inches of uplift were noticed in this instance.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
6:50	TMF23-07	TMF23-14	1.25	-
11:00	TMF23-14	TMF23-16	2.25	▪ Strong wind increased amount of time required to relocate the barge (Drifting)

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-14	10.4	434.948	22.24	2.0	10	▪ See Photo Sheet 3 for a set-up example
TMF23-16	14	431.262	22.2	2.0	10	▪ See Photo Sheet 3 for a set-up example

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.

2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-14	TMF23-14-DREDGE	DREDGE	434.948	Tailings surface	N/A	▪ Dark brown to grey colour (See Photo Sheet 4).
TMF23-16	TMF23-16-DREDGE	DREDGE	431.262	Tailings surface	N/A	▪ Dark to light grey. Some brown regions (See Photo Sheet 4).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	- Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	- Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	- Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	- Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	- Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	- Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	- Dark to light grey. Some brown regions.

Tentative Program Schedule

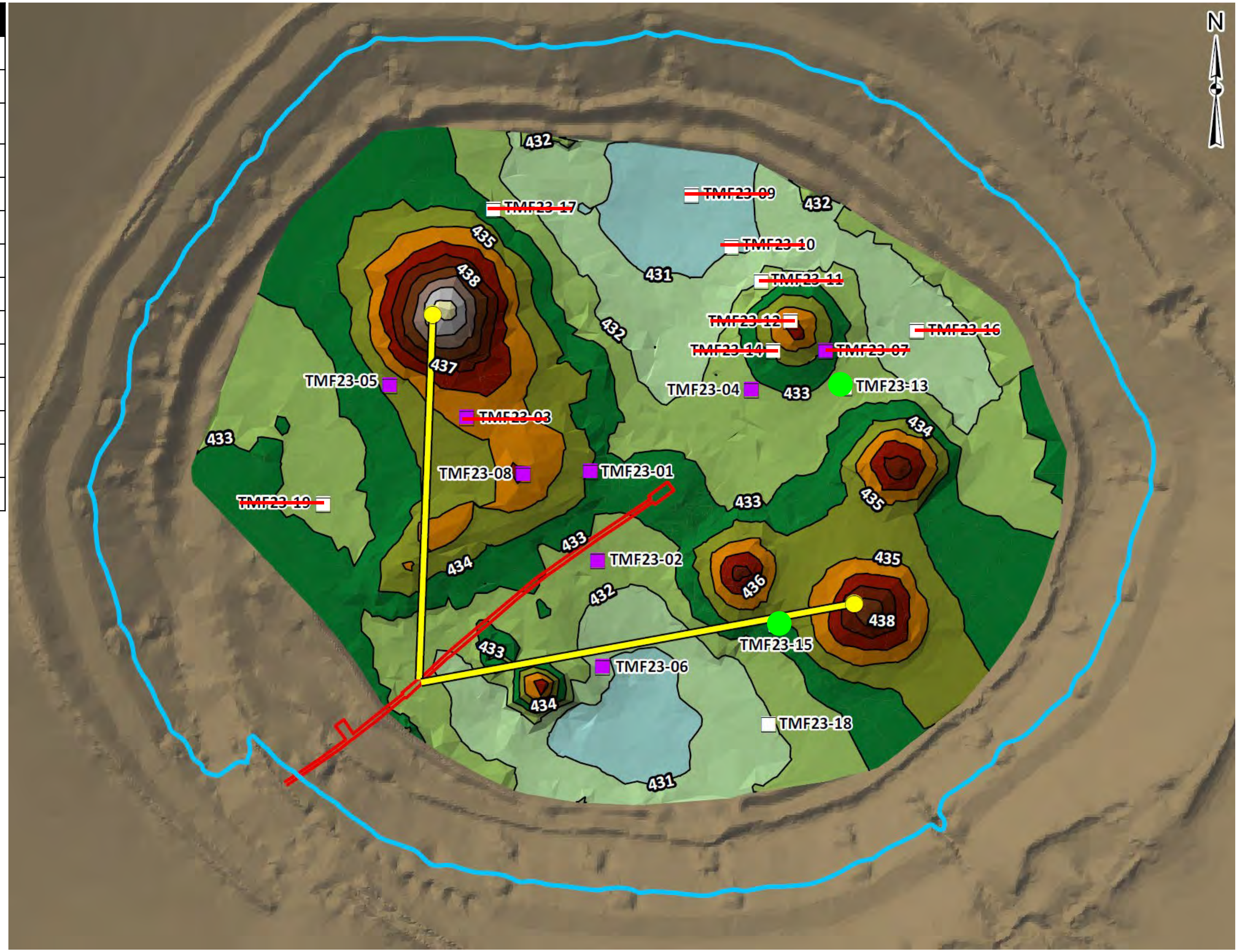
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			- -
June 23, 2023	TMF23-17	X			- -
June 24, 2023	TMF23-03	X			- Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. - The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ N/A
June 30, 2023	TMF23-15	X			▪ N/A
July 1, 2023	TMF23-18	X			▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.
3. Additional locations might be selected CPTu testing if time permits.

CPTu Program	
Hole ID	**Status**
~~TMF23-03~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
~~TMF23-11~~	~~Complete~~
~~TMF23-12~~	~~Complete~~
TMF23-13	Incomplete
TMF23-14	Complete
TMF23-15	Incomplete
~~TMF23-16~~	~~Complete~~
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~



Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 29, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: June 29, 2023	Approved: AN	Photo Sheet: 2

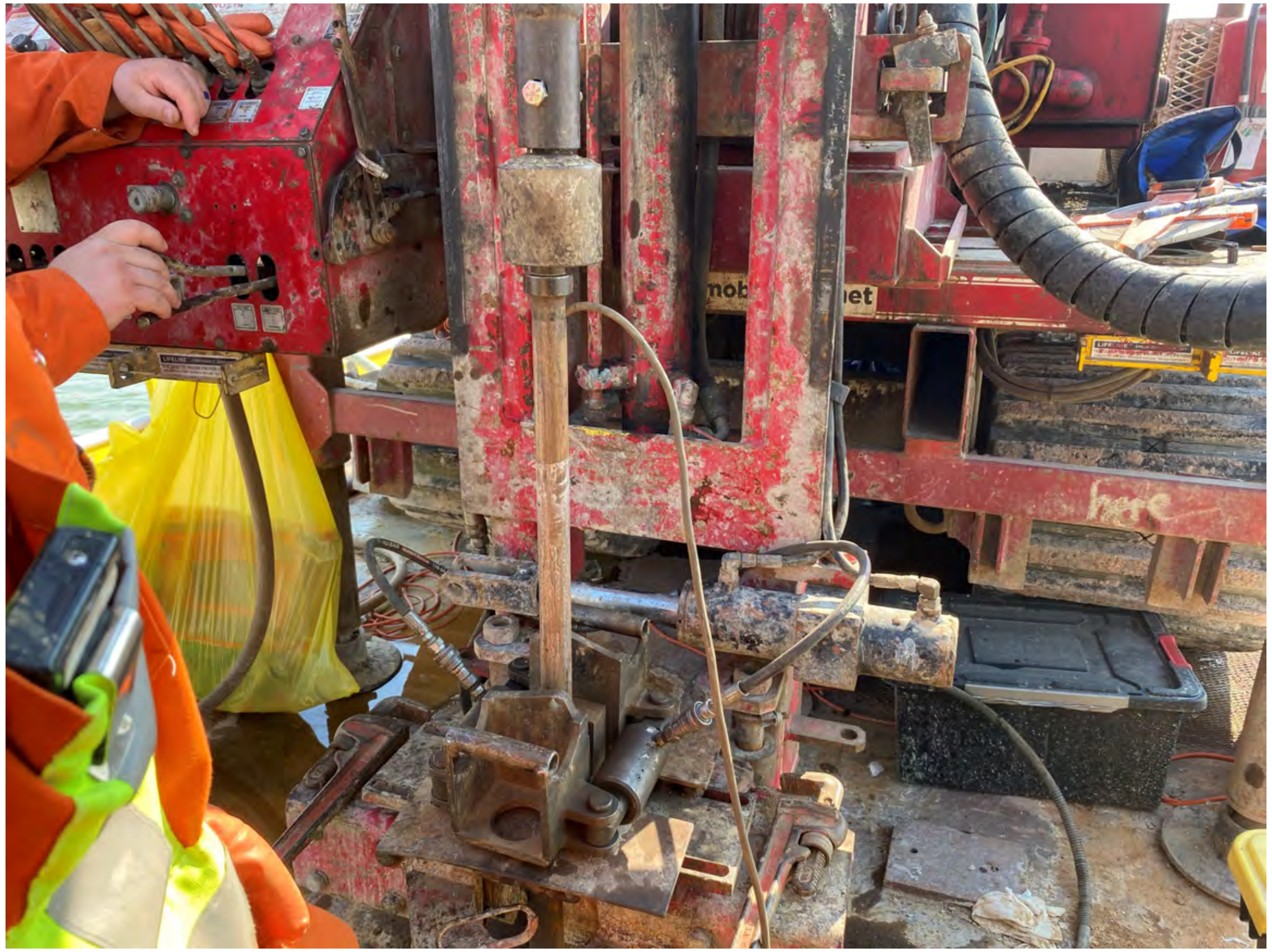


Photo 3: CPTu Set-up

Photo 4: CPTu Casing

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 29, 2023 · Approved: AN · Photo Sheet: 3

Photo 5: TMF23-14-DREDGE

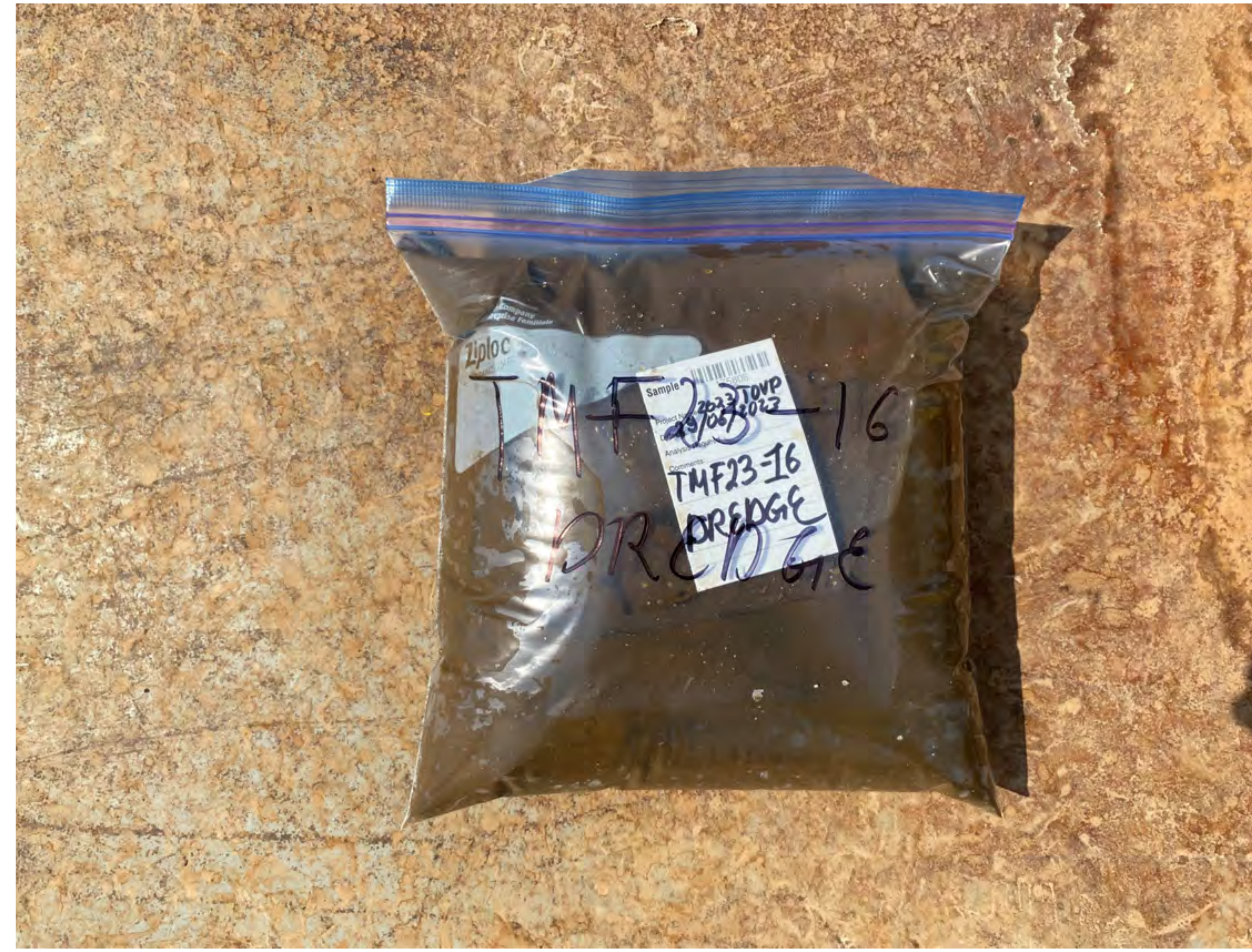


Photo 6: TMF23-16-DREDGE

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: June 29, 2023 / Approved: AN / Photo Sheet: **4**

SRK Daily Report 009 – 2023 TOVP

Date:	June 30, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny. Smoke from forest fires. **Wind:** 2-35 km/h **Min:** 16.8°C **Max:** 29.3 °C **Comment:** The barge relocation was being slowed down by the wind.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- Initial TMF23-13 casing was advanced 0.05 m into the mudline.
- Initial TMF23-15 casing was advanced 0.65 m into the mudline.
- TMF23-13 and TMF23-15 were stopped at 19.62 m and 23.68 m below tailigns surface accordingly due to the rebound greater than ½'' as well as a spike in tip resistance, sleeve friction and drop in pore water pressures [1].
- The target depth for TMF23-14 was achieved.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-18

- Complete CPTu at TMF23-18
- Move to the location of TMF23-06
- Complete CPTu TMF23-06

[1] When elevated tip resistances are experienced at depth, such as in the Jeb/Sue tailings, the resistance leads to bending in the cone rods, which are encircled by the unconsolidated cigar lake tailings. This bending can be observed through an upward movement (rebound) of the cone rod when the hydraulic press is disengaged. Around 0.5 to 1.5 inches of uplift were noticed in this instance.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:00	TMF23-16	TMF23-13	1.0	-
13:23	TMF23-13	TMF23-15	0.75	Strong wind affected the barge trajectory during move.

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-13	12.6	432.704	19.62	1.75	7	See Photo Sheet 3 for a set-up example
TMF23-15	11.0	434.296	23.68	2.0	10	See Photo Sheet 3 for a set-up example.

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-13	TMF23-13-DREDGE	DREDGE	432.704	Tailings surface	N/A	▪ Grey to dark grey colour (See Photo Sheet 4).
TMF23-15	TMF23-15-DREDGE	DREDGE	434.296	Tailings surface	N/A	▪ Light brown colour (See Photo Sheet 4).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.704	Tailings surface	N/A	Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.296	Tailings surface	N/A	Light brown colour. Some brown regions.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			-
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			-
June 30, 2023	TMF23-13	X			-
June 30, 2023	TMF23-15	X			-
July 1, 2023	TMF23-18	X			N/A
July 1, 2023 [3]	TMF23-06	X			N/A

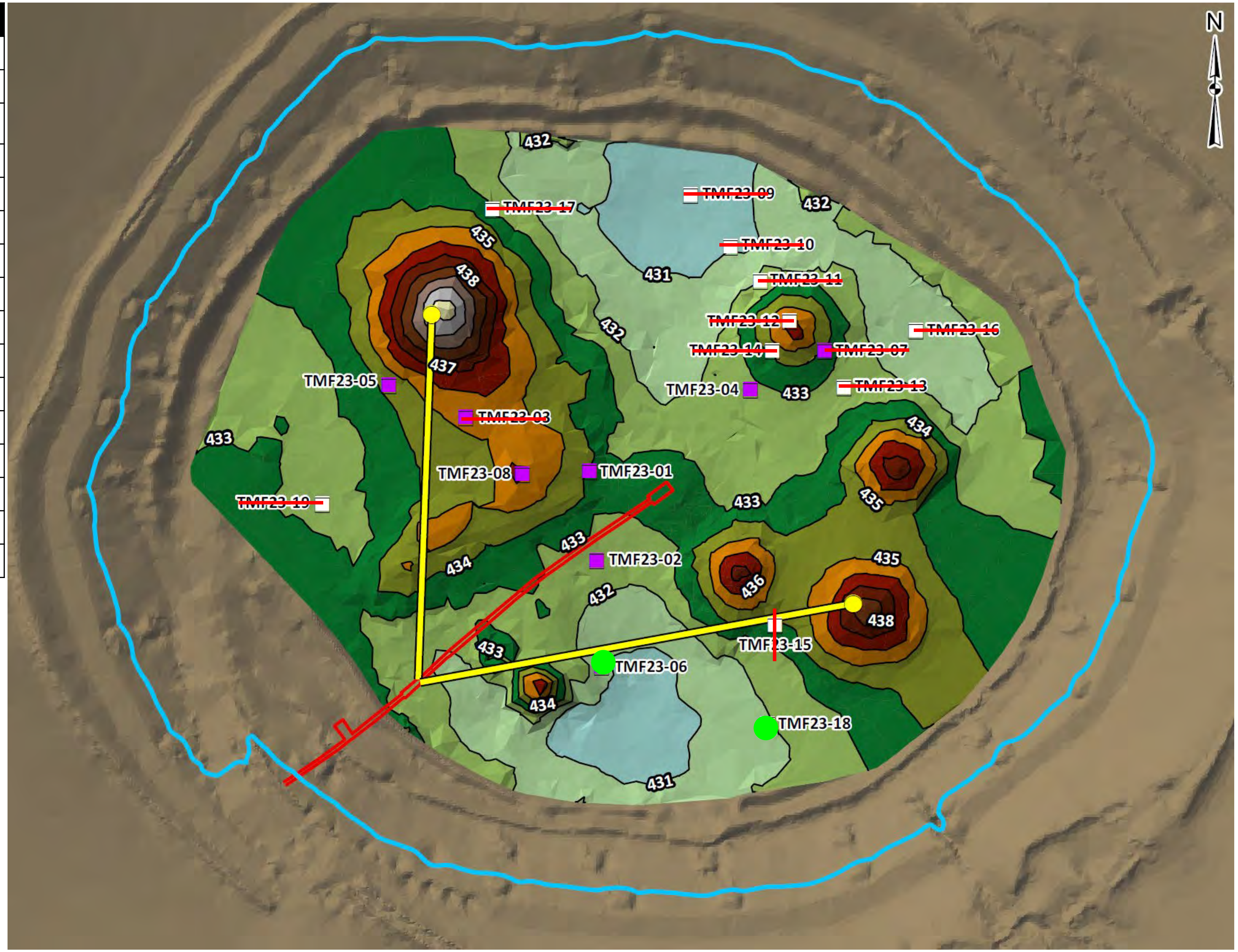
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 2, 2023 [3]	TMF23-04	X			▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.
3. Additional locations selected for CPTu testing if time permits.

CPTu Program

Hole ID	Status
~~TMF23-03~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
~~TMF23-11~~	~~Complete~~
~~TMF23-12~~	~~Complete~~
~~TMF23-13~~	~~Complete~~
~~TMF23-14~~	~~Complete~~
~~TMF23-15~~	~~Complete~~
~~TMF23-16~~	~~Complete~~
~~TMF23-17~~	~~Complete~~
TMF23-18	Incomplete
~~TMF23-19~~	~~Complete~~
TMF23-06	Incomplete
TMF23-04	Incomplete



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
June 30, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
June 30, 2023	AN	2

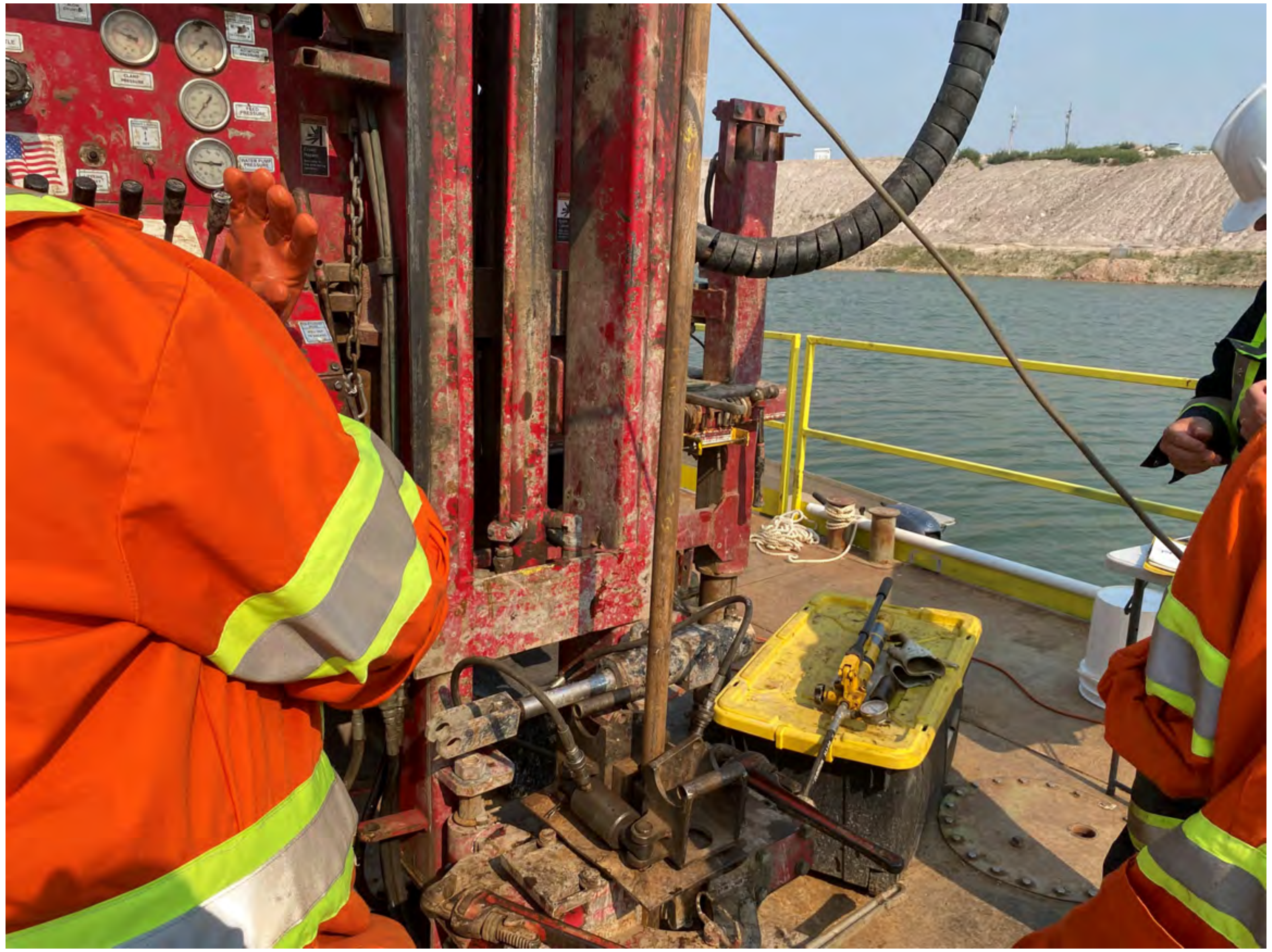
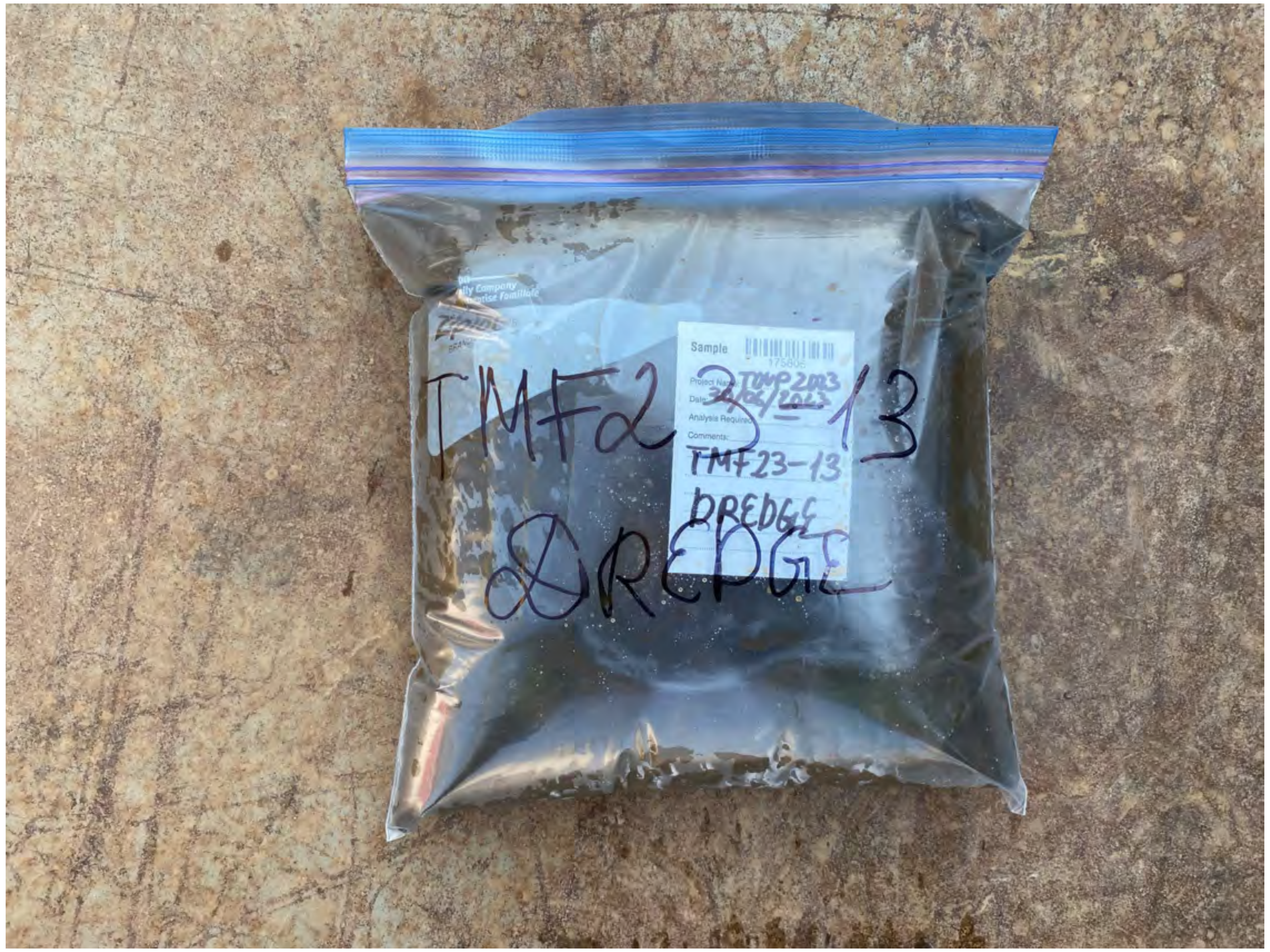


Photo 3: CPTu Set-up

Photo 4: CPTu Pushing

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: June 30, 2023	Approved: AN	Photo Sheet: 3



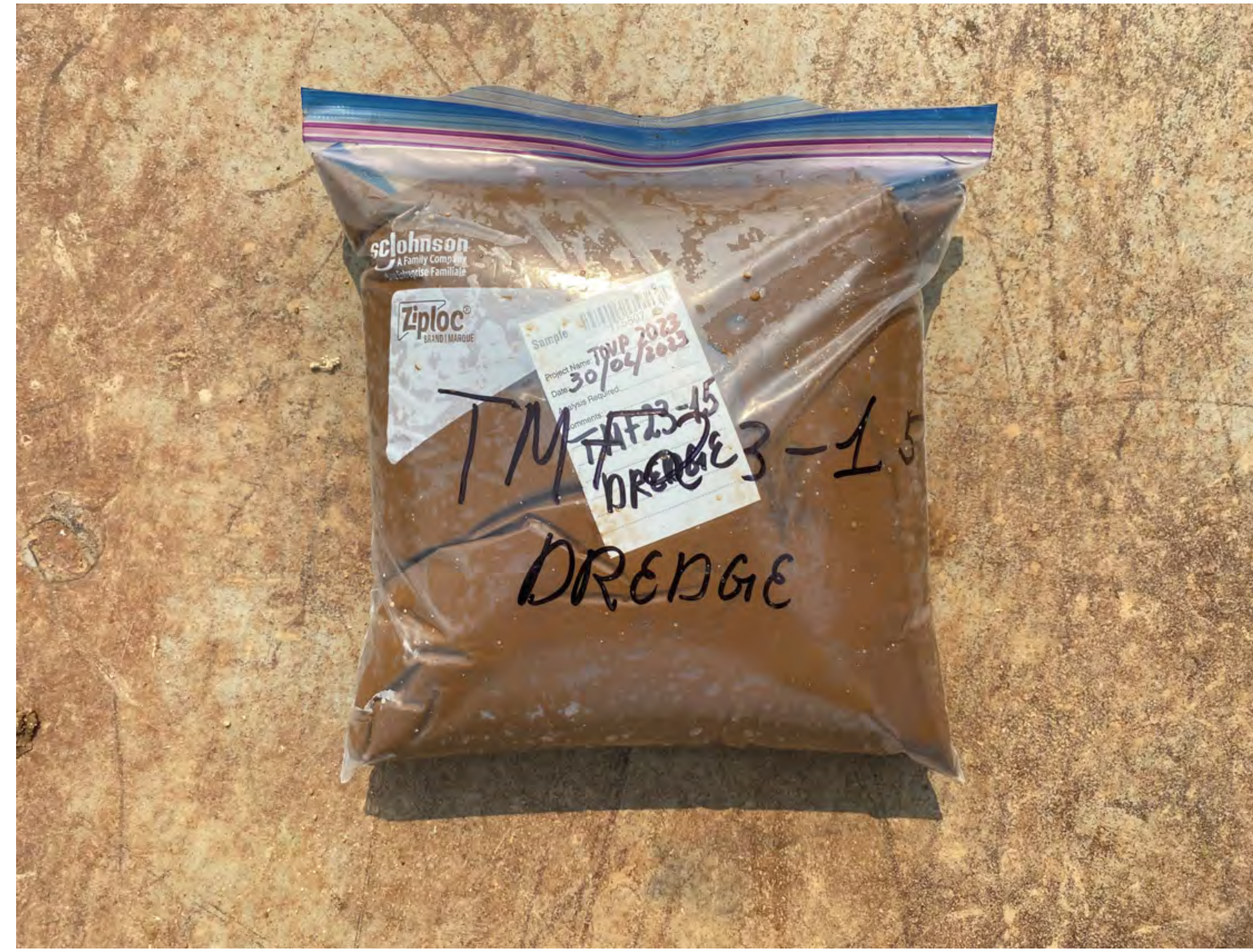


Photo 5: TMF23-13-DREDGE

Photo 6: TMF23-15-DREDGE

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: June 30, 2023 · Approved: AN · Photo Sheet: 4

SRK Daily Report 010 – 2023 TOVP

Date:	July 1, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.			**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny. Smoke from the forest fires. Overcast around 16:00. **Wind:** 2-29 km/h **Min:** 14.7°C **Max:** 27.8 °C **Comment:** Strong wind in the afternoon.	**Four Day Outlook:**
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings:	**Summary:**
06:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- The casings of TMF23-18 and TMF23-06 were positioned 0.64 m and 0.76 m into the mudline, respectively, contributing to enhanced cone stability.
- TMF23-18 and TMF23-06 were stopped at 22.52 m and 21.18 m below tailings elevation due to the significant rebound. Target elevations were achieved. [1]
- The position of TMF23-18 was adjusted to be within a 3 m radius from coordinates 5373.946E and 11112.494N, close to the previous CPTu test site, for the purpose of comparing outcomes.

Plan for Tomorrow:

- Move to the location of CPTu at TMF23-04
- Complete CPTu at TMF23-04

▪ Preparing for the sampling (unloading the CPTu equipment)

[1] The bending can be observed through an upward movement (rebound) of the cone rod when the hydraulic press is disengaged. Around 0.5 to 2.0 inches of uplift were noticed in this instance.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:30	TMF23-15	TMF23-18	0.5	▪ Fast move due to the favourable wind which pushed the barge on the spot by itself.
1:35	TMF23-18	TMF23-06	1.0	▪ Strong wind affected the duration it took to adjust the trajectory of the barge movement.

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-18	12.6	432.70	22.52	2.25	10	▪ See Photo Sheet 3 for a set-up example.
TMF23-06	13.9	431.38	21.18	2.25	9	▪ Due to strong wind the barge was experience slight swaying motion during the test (See Photo Sheet 3 for a set-up example).

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey (See Photo Sheet 4).
TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks (See Photo Sheet 4).

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level

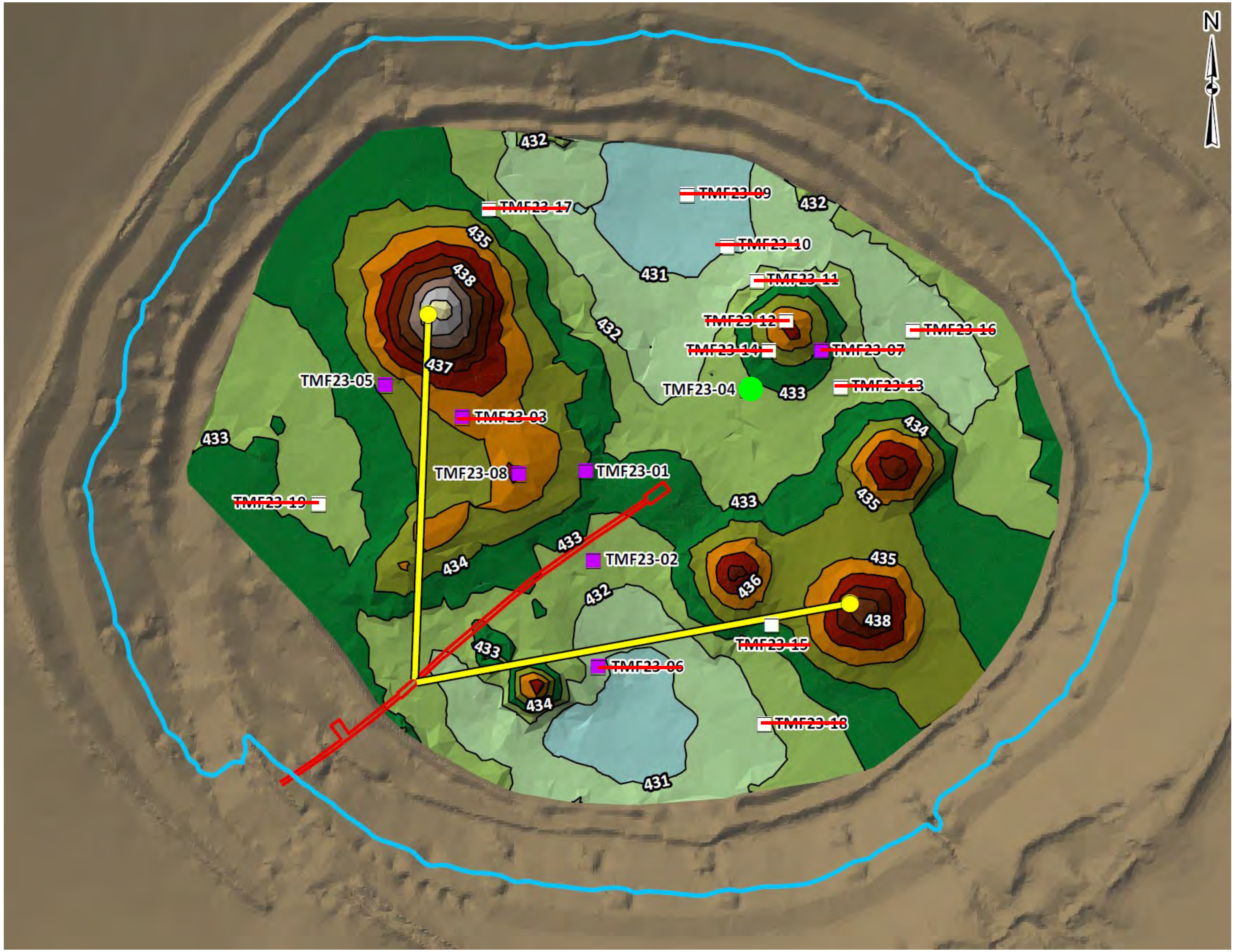
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 29, 2023	TMF23-16	X			-
June 30, 2023	TMF23-13	X			-
June 30, 2023	TMF23-15	X			-
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5373.946E and 11112.494N in order to compare the results with the old CPTu conducted there.
July 1, 2023 [3]	TMF23-06	X			-
July 2, 2023 [3]	TMF23-04	X			N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress.
3. Additional locations selected for CPTu testing if time permits.

CPTu Program

Hole ID	Status
~~TMF23-03~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-09~~	~~Complete~~
~~TMF23-10~~	~~Complete~~
~~TMF23-11~~	~~Complete~~
~~TMF23-12~~	~~Complete~~
~~TMF23-13~~	~~Complete~~
~~TMF23-14~~	~~Complete~~
~~TMF23-15~~	~~Complete~~
~~TMF23-16~~	~~Complete~~
~~TMF23-17~~	~~Complete~~
~~TMF23-18~~[1]	~~Complete~~
~~TMF23-19~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
TMF23-04	Incomplete



Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete

Legend

In Progress

Complete

Planned

[1] The position of TMF23-18 was adjusted to be within a 3 m radius from coordinates 5373.946E and 11112.494N, close to the previous CPTu test site, for the purpose of comparing outcomes.

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 1, 2023	AN	1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Evening Site Overview (looking SW)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 1, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: CPTu Set-up (Casing)

Photo 4: CPTu Rods

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 1, 2023	AN	3

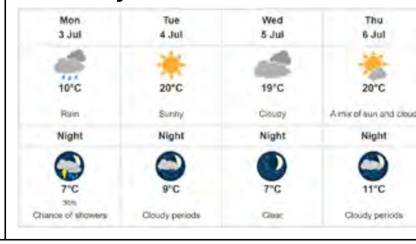
Photo 5: TMF23-18-DREDGE

Photo 6: TMF23-06-DREDGE

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 1, 2023 / Approved: AN / Photo Sheet: 4

SRK Daily Report 011 – 2023 TOVP

Date:	July 2, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Thunder, cloudy, and smoky. **Afternoon:** Cloudy, rainy. **Wind:** 2-27 km/h **Min:** 9.6°C **Max:** 16.4 °C **Comment:** Lightning caused work disruptions in the morning.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- As the crew began pulling up anchors and preparing the barge to move to TMF23-04, a thunderstorm appeared, causing a lightning alert.
- Around 10:30 am, an attempt was made to return to the barge, but due to shifting winds, further afternoon thunderstorm forecasts, and CPTu equipment cleanup time constraints, the decision was made to take the barge to the launching point for reloading and unloading.
- The lightning alarm went off again at 12:00 pm.
- At 1:00 pm, the crew started pulling up the anchors and prepared to move the barge to the launching point for reloading samples and unloading CPTu equipment.
- Since it wasn't feasible to complete TMF23-04 in the morning, the afternoon was spent cleaning the equipment and preparing for sampling.

- In summary, all necessary CPTu tests were successfully carried out, including additional tests at TMF23-06 and TMF23-07. However, the extra CPTu test at TMF23-04 could not be completed due to thunderstorm.

Plan for Tomorrow:

- Move to the location TMF23-08.
- Complete sampling at TMF23-08.
- Move to the location of TMF23-01.
- Start sampling at TMF23-01.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
13:30	TMF23-06	Launching Point	1.0	▪ CPTu campaign is complete. Moving ashore to unload and re-load the barge (Photo Sheets 3 & 4)

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
TMF23-04	N/A	N/A	N/A	N/A	N/A	▪ Not complete due to thunderstorm.

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
-	-	-	-	-	-	▪ N/A

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -

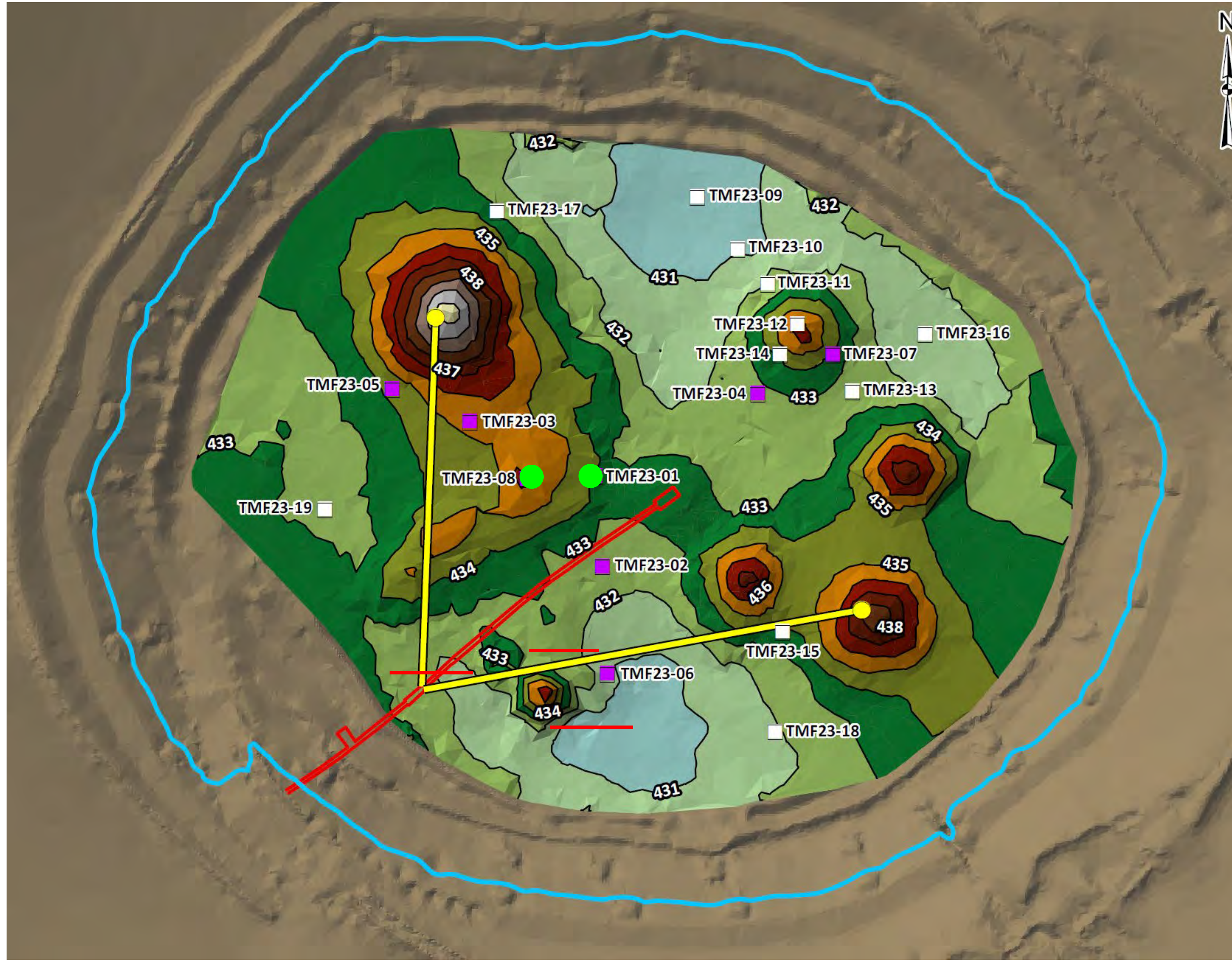
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -
July 1, 2023	TMF23-18	X			▪ The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023 [3]	TMF23-06	X			▪ -
July 2, 2023 [3]	TMF23-04	X			▪ The extra CPTu test could not be finished because of the thunderstorm.
July 3, 2023	TMF23-08		X		▪ N/A
July 3, 2023	TMF23-01		X		▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing if time permits.

Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 2, 2023	AN	1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Late Afternoon Site Overview (looking SW)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 2, 2023	AN	2

Photo 3: Barge Near the Launching Point

Photo 4: Barge Attachments (Anchoring)

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 2, 2023	AN	3

Photo 5: Landed Barge

Photo 6: Landed Barge and the Support Boat

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 2, 2023	Approved: AN	Photo Sheet: 4

SRK Daily Report 012 – 2023 TOVP

Date:	July 3, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	Yes
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez.	**Today's Weather:** **Morning:** Cloudy, rainy, windy. **Afternoon:** Cloudy, rainy. **Wind:** 8-50 km/h **Min:** 7.5°C **Max:** 12.3 °C **Comment:** Gust	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the afternoon.
- Upon arriving at the TMF at 7:00 am, there were strong winds, gusts, and top-breaking waves observed.
- The barge was seen swaying close to the shore. Due to these weather conditions, the barge was unable to maneuver.
- The decision was made to wait for the conditions to improve to avoid potential damage to both the drill and the barge.
- The weather conditions worsened throughout the day.
- Throughout this period, multiple attempts were made, and the weather was monitored at regular intervals.
- The photos of the TMF area and the barge are presented in Photo Sheets 3 & 4.

Plan for Tomorrow:

- Move to the location of TMF23-05.
- Complete sampling at TMF23-05.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	N/A

Daily CPTu Summary

Location ID	Depth of Water (m)	As-Built Tailings Elevation (masl)	As-Built Total Depth (m)	Total Time to Complete Sounding (Hours) [2]	Number of PPDT [1]	Comments
-	-	-	-	-	-	N/A

Notes:

1. The PPD tests are executed every 3 meters of the penetration or at the engineer's discretion.
2. The total time includes the driving of the steel casing and excludes the time required to disassemble the apparatus after the test.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
-	-	-	-	-	-	N/A

Daily Drilling Progress [1]

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
-	-	-	-	-	▪ N/A

Notes:

1. The drilling program is projected to start in July.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment / Sample Description
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -
July 1, 2023	TMF23-18	X			▪ The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023 [3]	TMF23-06	X			▪ -
July 2, 2023 [3]	TMF23-04	X			▪ The extra CPTu test could not be finished because of the thunderstorm.

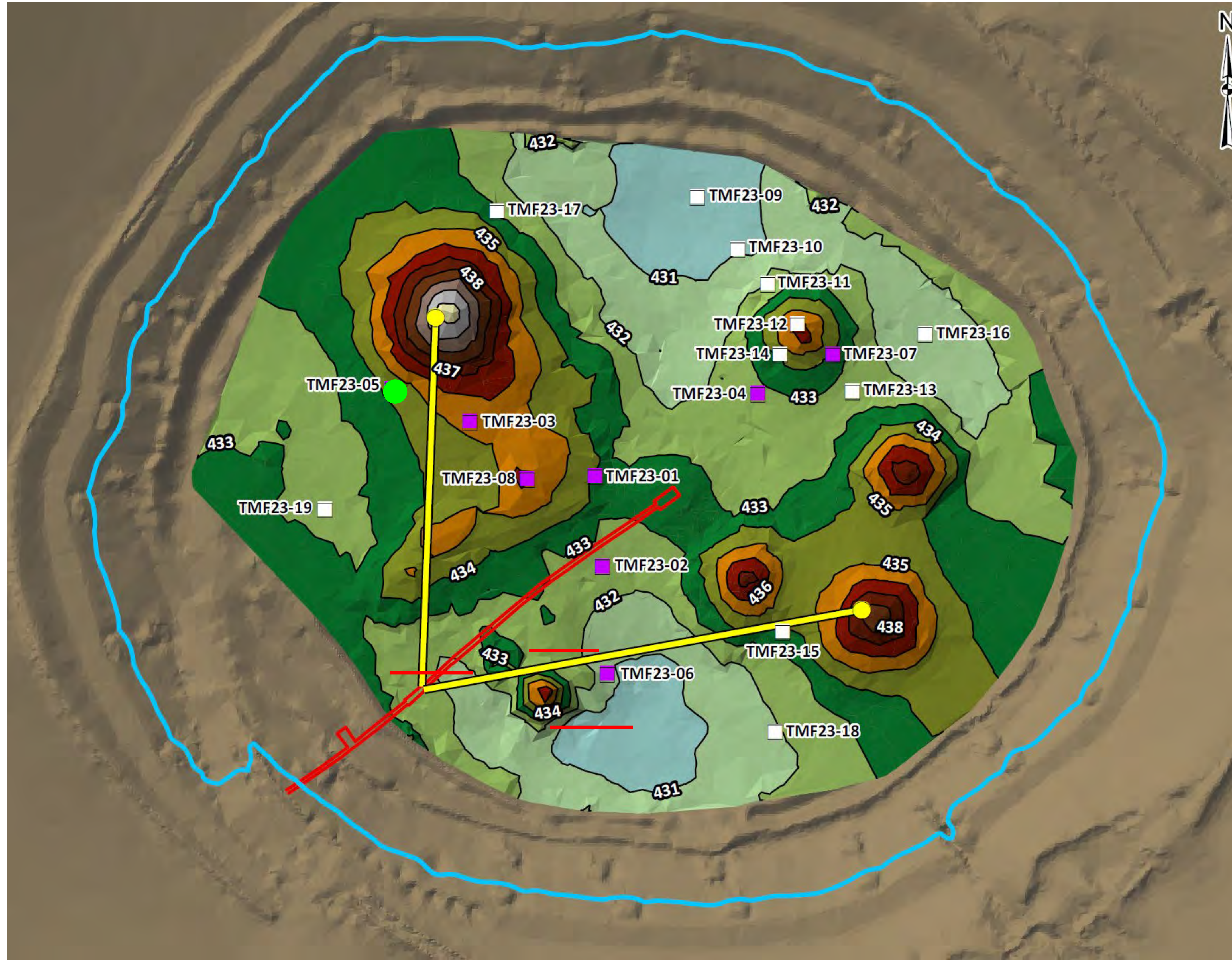
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05		X		▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing if time permits.

Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 3, 2023	AN	1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Late Afternoon Site Overview (looking SW)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 3, 2023	Approved: AN	Photo Sheet: 2

Photo 3: Barge Near the Launching Point

Photo 4: Barge Attachments (Anchoring)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 3, 2023	Approved: AN	Photo Sheet: 3

Photo 5: Landed Barge

Photo 6: Landed Barge and the Support Boat

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program		
Daily Report Figure and Photos		
Date: July 3, 2023	Approved: AN	Photo Sheet: 4

SRK Daily Report 013 – 2023 TOVP

Date:	July 4, 2023		Project Number:	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	Drilling Crew:	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	OUT
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny, wind gust **Afternoon:** Sunny, strong wind. **Wind:** 2-31 km/h **Min:** 5.1°C **Max:** 18.7 °C **Comment:** Gust	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the afternoon.
- At 8:30 am an issue with the diesel in the drill was identified. Some water was detected in the fuel. The issue was resolved.
- Because of the powerful and gusty winds, the barge was rocking and shifting around the intended drill location (TMF23-05). The anchor ropes were being strained, causing the barge to be moved by the wind and held away from the hole location during the gusty conditions.
- In the morning, three attempts were made to secure the barge and drill. However, due to concerns about potential steel damage caused by the barge's movement, it was decided to wait until the gusts subsided.
- The Shelby tubes on the barge had misaligned holes, which prevented them from connecting with the piston. These tubes were tested for their ability to attach to the piston. The decision was made to use the Shelby tubes stored in the shack (~48 tubes), while Paddock Drilling ordered additional tubes from the USA to be brought to the site.

- Photo Sheet 4 presents an example of the Shelby tube advancement mechanism.
- Photo Sheet 5 presents finalized Shelby samples.
- Shelby: d=0.075 m, l = 0.76 m
- Cone Area Ratio (a) = 0.8 (for CPTu analysis)

Plan for Tomorrow:

- Complete sampling at TMF23-05.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:00	Launching Point	TMF23-05	1.25	▪ Strong, gusting wind swayed the barge over the drilling location and prevented it from permanently staying within 3 m distance.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-05	TMF23-05-DREDGE	Dredge	434.99	Tailings surface	N/A	▪ Light brown colour. See Photo Sheet 3.
TMF23-05	TMF23-05-SA02 [2]	Shelby	433.10	1.89	98.4	▪ Light to dark brown colour. A scoop of the sample was collected from the top of the Shelby tube for PSD analysis. See Photo Sheet 4.
TMF23-05	TMF23-05-SA03	Shelby	430.71	4.28	97.5	▪ Light brown colour. A scoop of the sample was collected from the top of the Shelby tube for PSD analysis.

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)	Status	Comment
TMF23-05	15:15	17:45	2.5	Ongoing	▪ N/A

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth

Tentative Program Schedule

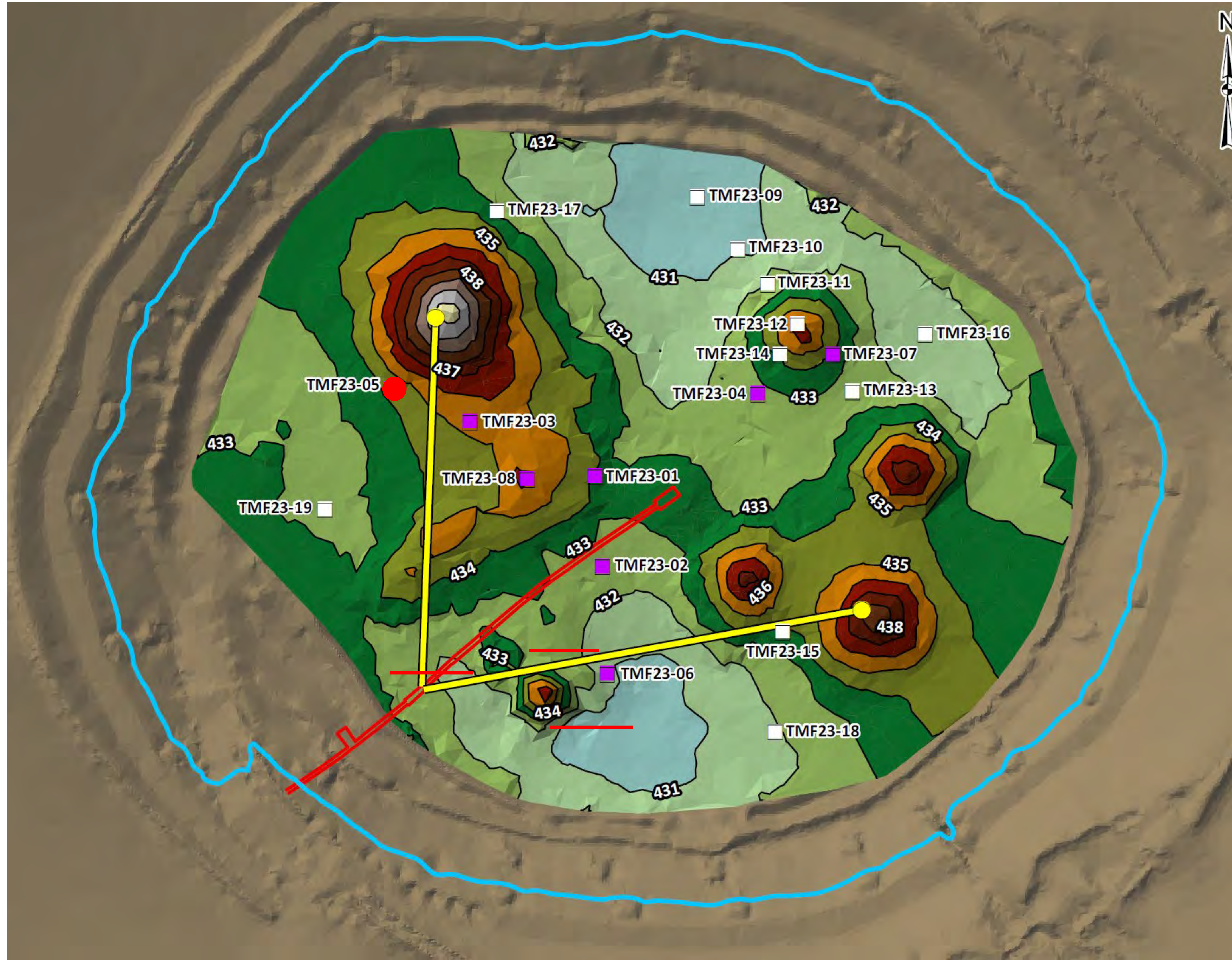
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			-
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
					Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			-
June 30, 2023	TMF23-13	X			-
June 30, 2023	TMF23-15	X			-
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023 [3]	TMF23-06	X			-
July 2, 2023 [3]	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05		X	X	N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
1. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
2. Additional locations selected for CPTu testing if time permits.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 4, 2023	AN	1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Late Afternoon Site Overview (looking SW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 4, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: TMF23-05 – Dredge

Photo 4: Shelby Tubes and Piston

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: July 4, 2023	Approved: AN	Photo Sheet: 3

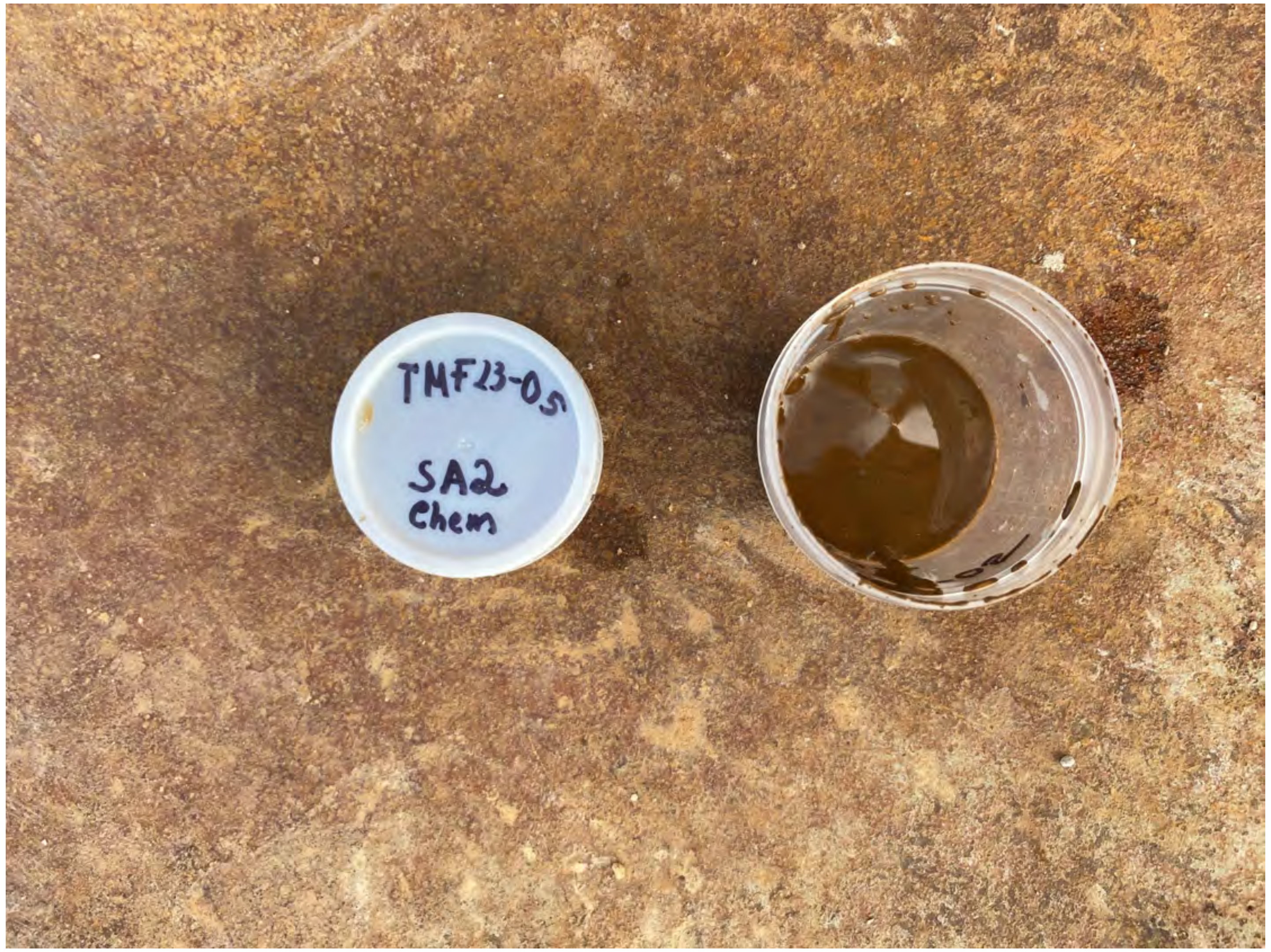


Photo 5: TMF23-05-SA02

Photo 6: TMF23-05-SA03

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 4, 2023 / Approved: AN / Photo Sheet: 4

Photo 7: Transportation of Shelby Tubes

Photo 8: Obtained Samples

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 4, 2023	Approved: AN	Photo Sheet: 5

SRK Daily Report 014 – 2023 TOVP

Date:	July 5, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		**Drillers (Paddock Drilling Ltd.)** Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 Yes Yes Yes No
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill			**Today's Weather:** **Morning:** Cloudy, rainy **Afternoon:** Cloudy, rainy **Wind:** 2-36 km/h **Min:** 11.4°C **Max:** 19.4°C **Comment:** -	**Four Day Outlook:**
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the afternoon.
- At approximately 1:30 pm, a problem involving water in the fuel was encountered and subsequently resolved.
- Paddock placed an order yesterday for new Shelby tubes (replacements), which are made of stainless-steel material.
- The estimated arrival time for the Shelby tube replacements in Saskatoon is within 3-4 business days.
- At 3:45 pm, a gusting wind moved the barge, creating complications in aligning the casing with the drill (Photo Sheet 7).

Plan for Tomorrow:

- Complete sampling at TMF23-05.
- Moving the barge ashore.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	- N/A

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-05	TMF23-05-SA04	Shelby	427.71	7.28	99.2	- Light brown colour. - Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 3).
TMF23-05	TMF23-05-SA01-GT	Shelby	427.10	7.89	100.0	- Dark brown, grey to dark green colour with some orange specks. - Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 3).
TMF23-05	TMF23-05-SA05	Shelby	424.71	10.28	91.8	- Dark brown to dark grey colour with some orange specks. - Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 4).
TMF23-05	TMF23-05-SA06	Shelby	421.71	13.28	100.0	- Dark brown colour. - Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 4).

TMF23-05	TMF23-05-SA07	Shelby	418.71	16.28	100.0	▪ Light brown to dark orange colour. ▪ Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 5)
TMF23-05	TMF23-05-SA08	Shelby	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour. ▪ Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 5)
TMF23-05	TMF23-05-SA02-GT	Shelby	415.08	19.91	100.0	▪ Light brown colour.
TMF23-05	TMF23-05-SA09	Shelby	412.69	22.3	100.0	▪ Light brown colour. ▪ Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 6).
TMF23-05	TMF23-05-SA10	Shelby	409.69	25.3	100.0	▪ Light brown colour. ▪ Some of the sample was collected from the top of the Shelby tube for PSD analysis (Photo Sheet 6).

Notes:

[1] The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-05	7:00	17:00	9.5	Ongoing	▪ N/A

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions and lunch.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	▪ Light brown colour.

[1] The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

[2] Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			-
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 29, 2023	TMF23-14	X			The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			-
June 30, 2023	TMF23-13	X			-
June 30, 2023	TMF23-15	X			-
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			-
July 2, 2023	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	N/A

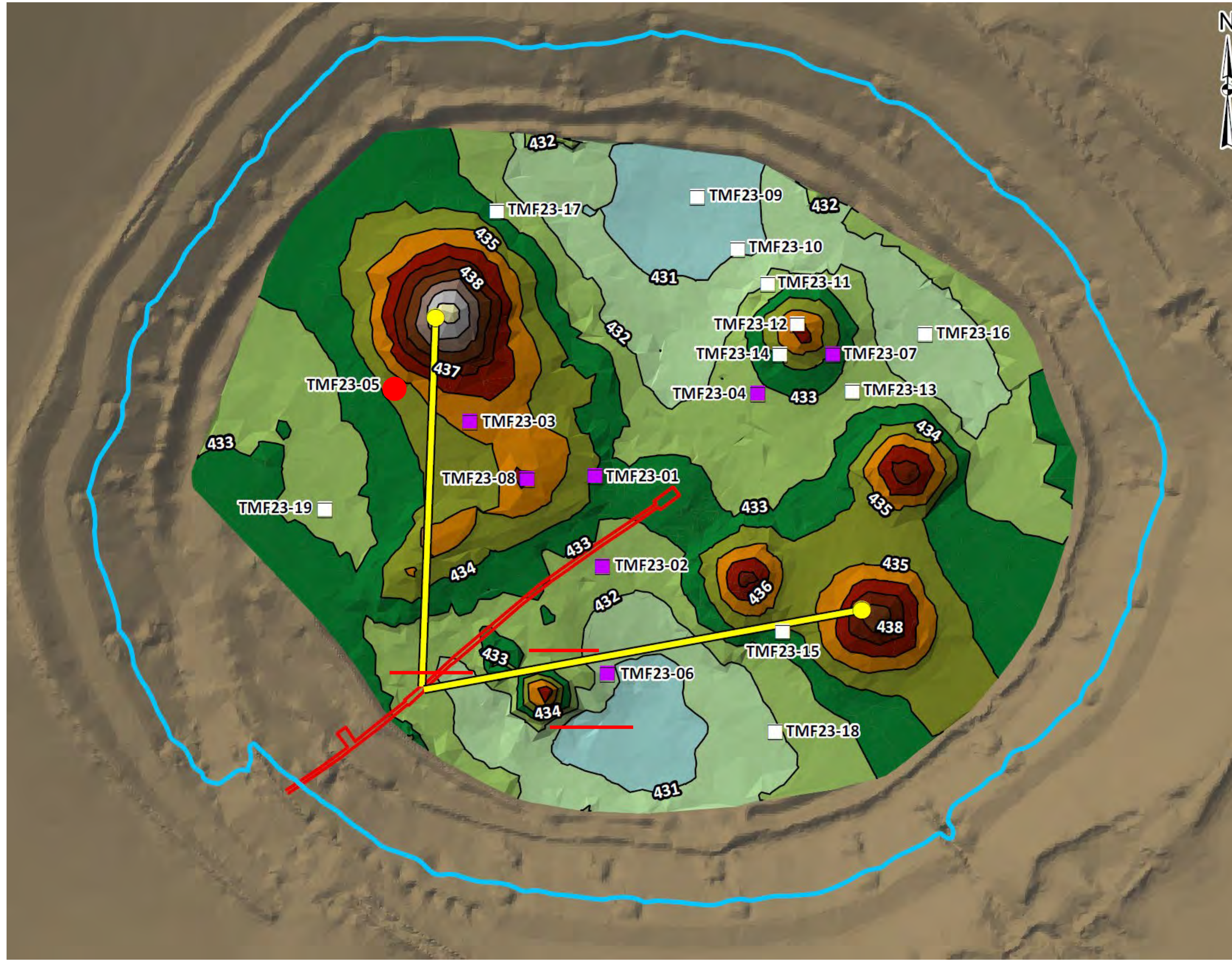
Notes:

[1] Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.

[2] **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

[3] Additional locations selected for CPTu testing.

Drilling Program	
Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
TMF23-05	Incomplete
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date: July 5, 2023 | Approved: AN | Figure: 1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Evening Site Overview (looking SW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 5, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: TMF23-05-SA04

Photo 4: TMF23-05-SA01-GT

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos**
		Date: July 5, 2023 · Approved: AN · Photo Sheet: **3**

Photo 5: TMF23-05-SA05

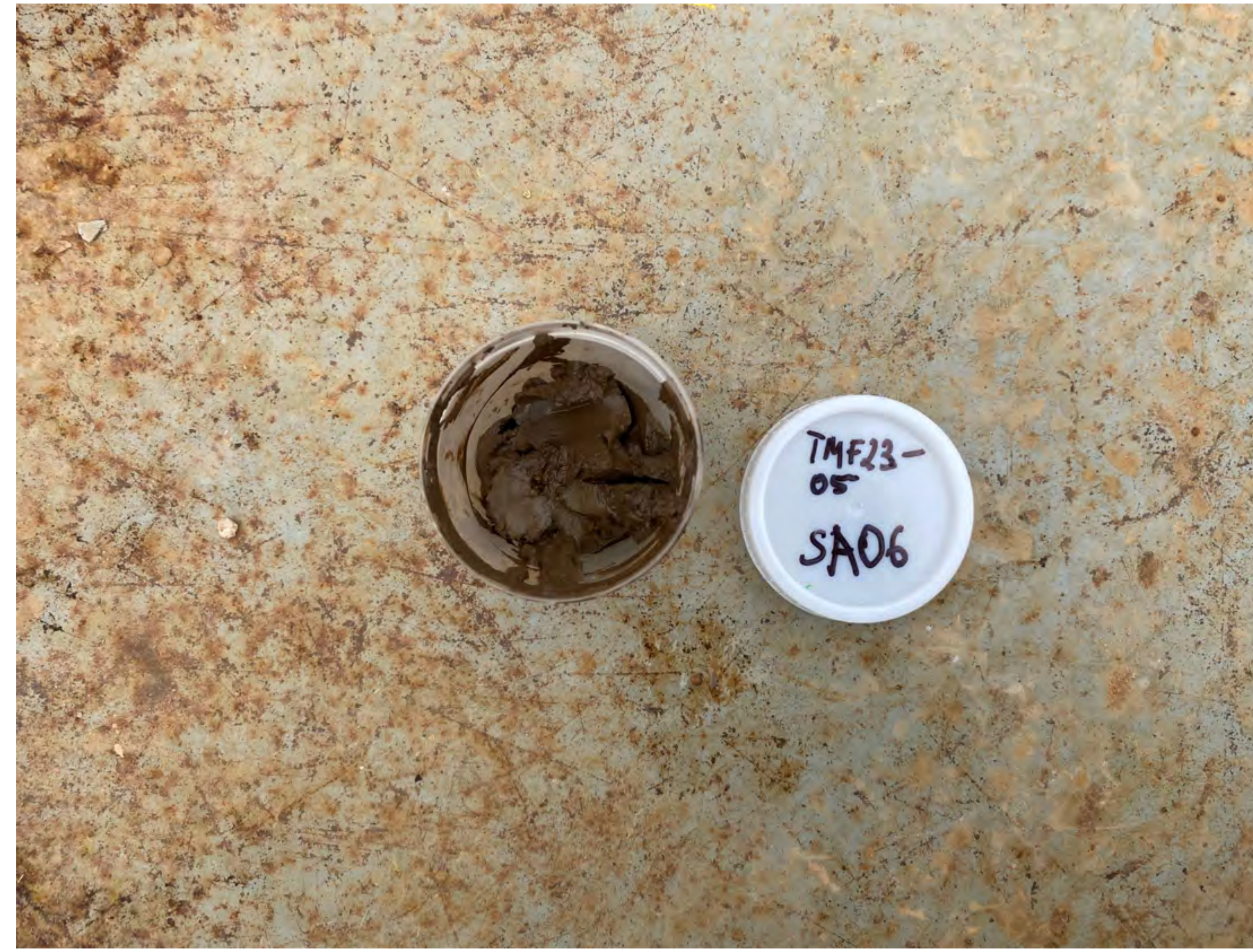


Photo 6: TMF23-05-SA06

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: July 5, 2023 | Approved: AN | Photo Sheet: 4

Photo 7: TMF23-05-SA07

Photo 8: TMF23-05-SA08

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 5, 2023 · Approved: AN · Photo Sheet: 5

Photo 9: TMF23-05-SA09

Photo 10: TMF23-05-SA10

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 5, 2023 / Approved: AN / Photo Sheet: 6

Photo 11: Overview from the barge (looking SW)

Photo 12: Overview from the barge (looking S)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 5, 2023 / Approved: AN / Photo Sheet: 7

SRK Daily Report 015 – 2023 TOVP

Date:	July 6, 2023		**Project Number:**	CAPR002676

	Personnel – Position	On Site		Personnel – Position	On Site
SRK Representative(s):	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No	**Drilling Crew:**	**<u>Drillers (Paddock Drilling Ltd.)</u>** Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) **<u>CPT Technician (Schwartz Soil-Tech Inc.)</u>** Bill Schwartz – CPT Operator	 Yes Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**<u>Today's Weather:</u>** **Morning:** Overcast **Afternoon:** Overcast, rainy, windy **Wind:** 3-29 km/h **Min:** 5.1 °C **Max:** 14.8 °C **Comment:** Wind gust in the afternoon.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the outline of the site and location of the barge in the morning and in the evening.
- Photo Sheets 7 & 8 show the photos of changing weather conditions.
- The barge was brought ashore after TMF23-05 had been finished (Photo Sheet 8).

<u>Plan for Tomorrow:</u>

- Site Departure

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
16:20	TMF23-05	Launching Point	1.25	-

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-05	TMF23-05-SA11	Shelby	406.701	28.29	100.0	- Subsample was taken (Photo Sheet 3).
TMF23-05	TMF23-05-SA12	Shelby	403.701	31.29	100.0	- Subsample was taken (Photo Sheet 3).
TMF23-05	TMF23-05-SA13	Shelby	400.681	34.31	96.7	- Subsample was taken (Photo Sheet 4).
TMF23-05	TMF23-05-SA14	Shelby	397.701	37.29	97.5	- A metal rod, roughly 1 foot in length, was connected to a tape measure for the purpose of determining the depth of the drill hole. The rod accidentally dropped into the hole at the start of the TMF23-05-SA14 sample. An attempt was made to dislodge the rod using water pressure. Upon pushing and collecting the Shelby tube, a visual inspection revealed no sign of the rod. However, it is still possible that the rod might be present within the sample during extraction. Orano was notified, and it was concluded that the potential presence of the rod, if any, would not pose any problems for the geochemical testing. - Subsample was taken (Photo Sheet 4).
TMF23-05	TMF23-05-SA15A	Shelby	394.681	40.31	42.6	- Due to the insufficient recovery, another continuous sample was taken 2 ft below the proposed depth (TMF23-05-SA15B). - Subsample was taken (Photo Sheet 5).
TMF23-05	TMF23-05-SA15B	Shelby	394.071	40.92	100.0	- Subsample was taken (Photo Sheet 5).

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-05	TMF23-05-SA16	Shelby	391.711	43.28	60.7	▪ After discussing with Orano, the decision was made to accept the sample with a lower recovery and proceed to collect the next sample, as the crew is scheduled to depart tomorrow. ▪ Subsample was taken (Photo Sheet 6).
TMF23-05	TMF23-05-SA17	Shelby	388.711	46.28	79.5	▪ Subsample was taken (Photo Sheet 6).

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-05	6:50	16:00	8.75	Complete	▪ N/A

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions and lunch.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA11	SHELBY	406.701	28.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA12	SHELBY	403.701	31.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA13	SHELBY	400.681	34.31	96.7	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA14[3]	SHELBY	397.701	37.29	97.5	▪ Dark yellow / light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA15A[2]	SHELBY	394.681	40.31	42.6	▪ Grey colour with some black intrusions.
July 6, 2023	TMF23-05	TMF23-05-SA15B	SHELBY	394.071	40.92	100.0	▪ Dark grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA16[4]	SHELBY	391.711	43.28	60.7	▪ Grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA17	SHELBY	388.711	46.28	79.5	▪ Grey to dark brown colour.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.
3. A metal rod might be present within the sample during extraction. Orano was informed, and it was determined that the possible presence of the rod, if it existed, would not cause any issues for the geochemical analysis.
4. Following a conversation with Orano, it was decided to accept the sample with reduced recovery and continue to gather the subsequent sample, given that the crew is set to leave the following day.

Tentative Program Schedule

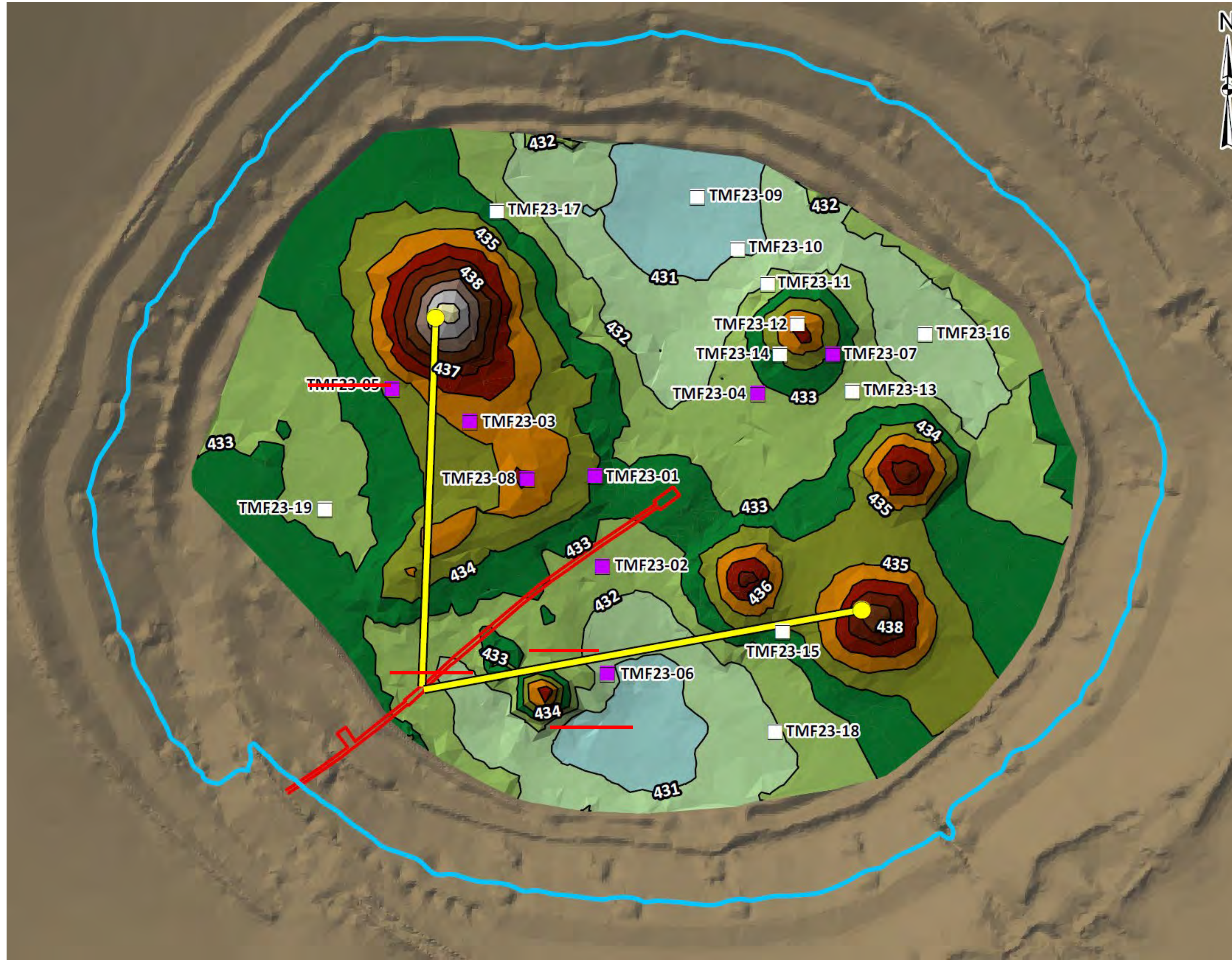
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			-
June 23, 2023	TMF23-17	X			-
June 24, 2023	TMF23-03	X			Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -
July 1, 2023	TMF23-18	X			▪ The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			▪ -
July 2, 2023	TMF23-04	X			▪ The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date: July 6, 2023 | Approved: AN | Figure: 1

Photo 1: Morning Site Overview (looking SW)

Photo 2: Evening Site Overview (looking NW)

srk consulting		**2023 TOVP Program**
	orano	**Daily Report** **Figure and Photos**
Project No: CAPR002676 Location: McClean Lake		Date: July 6, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: TMF23-05-SA11

Photo 4: TMF23-05-SA12

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 6, 2023 / Approved: AN / Photo Sheet: 3

Photo 5: TMF23-05-SA13

Photo 6: TMF23-05-SA14

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 6, 2023	AN	**4**

Photo 7: TMF23-05-SA15A

Photo 8: TMF23-05-SA15B

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 6, 2023	AN	5

Photo 9: TMF23-05-SA16

Photo 10: TMF23-05-SA17

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 6, 2023 / Approved: AN / Photo Sheet: 6

Photo 11: Overview from the barge (looking W)

Photo 12: Overview from the barge (looking NW)

srk consulting Project No: CAPR002676 Location: McClean Lake	orano	**2023 TOVP Program** **Daily Report Figure and Photos** Date: July 6, 2023 / Approved: AN / Photo Sheet: 7

Photo 13: Overview from the barge (looking W)

Photo 14: Barge at the End of the Day (looking NW)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 6, 2023	AN	**8**

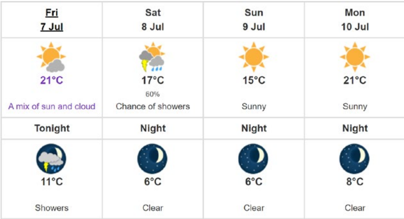
SRK Daily Report 016 – 2023 TOVP

Date:	July 7, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	OUT
	Anton Novikov – Field Lead	OUT		Cody – Drill Hand (Paddock Drilling Ltd.)	OUT
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	OUT
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov

Today's Weather:
Morning: Cloudy
Afternoon: N/A
Wind: N/A
Min: N/A **Max:** N/A
Comment: No site activities were conducted.

Four Day Outlook:



SAFETY

Safety Meetings:	**Summary:**
N/A	- N/A

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- No field/barge activities were conducted today.
- Paddock Drilling Ltd. and SRK Consulting (Canada) Inc. representatives were scheduled to depart McClean Lake at 11:30 am.

Plan for Tomorrow:

- N/A

Information pertaining sampling progress is summarized in the following table.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA11	SHELBY	406.701	28.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA12	SHELBY	403.701	31.29	100.0	▪ Light brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 6, 2023	TMF23-05	TMF23-05-SA13	SHELBY	400.681	34.31	96.7	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA14[3]	SHELBY	397.701	37.29	97.5	▪ Dark yellow / light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA15A[2]	SHELBY	394.681	40.31	42.6	▪ Grey colour with some black intrusions.
July 6, 2023	TMF23-05	TMF23-05-SA15B	SHELBY	394.071	40.92	100.0	▪ Dark grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA16[4]	SHELBY	391.711	43.28	60.7	▪ Grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA17	SHELBY	388.711	46.28	79.5	▪ Grey to dark brown colour.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.
3. A metal rod might be present within the sample during extraction. Orano was informed, and it was determined that the possible presence of the rod, if it existed, would not cause any issues for the geochemical analysis.
4. Following a conversation with Orano, it was decided to accept the sample with reduced recovery and continue to gather the subsequent sample, given that the crew is set to leave the following day.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			-
July 2, 2023	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 7, 2023	N/A	N/A	N/A	N/A	N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.

SRK Daily Report 017 – 2023 TOVP

Date:	July 18, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Partially Cloudy **Afternoon:** Partially Cloudy **Wind:** 0-12 km/h **Min:** 7.5 °C **Max:** 23.4 °C **Comment:** -	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: N/A	**Summary:** - N/A

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- In a plan view, Figure 1 illustrates the status of each borehole.
- An overview of the barge can be seen in Photo Sheet 2.
- Photo Sheet 3 displays the issue with the barge's railing before and after welding (afternoon and evening).
- During the preparation for the barge's launch and drill maintenance activities, it was discovered that a total of 205 feet of AWJ rods were available, which would be insufficient for sampling and drilling at certain locations.
- Additional AWJ rods have been requested and will be shipped from Brandon tomorrow (Paddock). The estimated arrival on site is by the end of the week.
- The drilling sequence was adjusted accordingly to account for shipment of AWJ rods.

Plan for Tomorrow:

- Move to TMF23-08
- Complete TMF23-08

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	▪ N/A

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
-	-	-	-	-	-	▪ N/A

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
-	-	-	-	-	▪ N/A

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions and lunch.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA11	SHELBY	406.701	28.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA12	SHELBY	403.701	31.29	100.0	▪ Light brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 6, 2023	TMF23-05	TMF23-05-SA13	SHELBY	400.681	34.31	96.7	■ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA14[3]	SHELBY	397.701	37.29	97.5	■ Dark yellow / light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA15A[2]	SHELBY	394.681	40.31	42.6	■ Grey colour with some black intrusions.
July 6, 2023	TMF23-05	TMF23-05-SA15B	SHELBY	394.071	40.92	100.0	■ Dark grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA16[4]	SHELBY	391.711	43.28	60.7	■ Grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA17	SHELBY	388.711	46.28	79.5	■ Grey to dark brown colour.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.
3. A metal rod might be present within the sample during extraction. Orano was informed, and it was determined that the possible presence of the rod, if it existed, would not cause any issues for the geochemical analysis.
4. Following a conversation with Orano, it was decided to accept the sample with reduced recovery and continue to gather the subsequent sample, given that the crew is set to leave the following day.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			■ -
June 23, 2023	TMF23-17	X			■ -
June 24, 2023	TMF23-03	X			■ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation. ■ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.

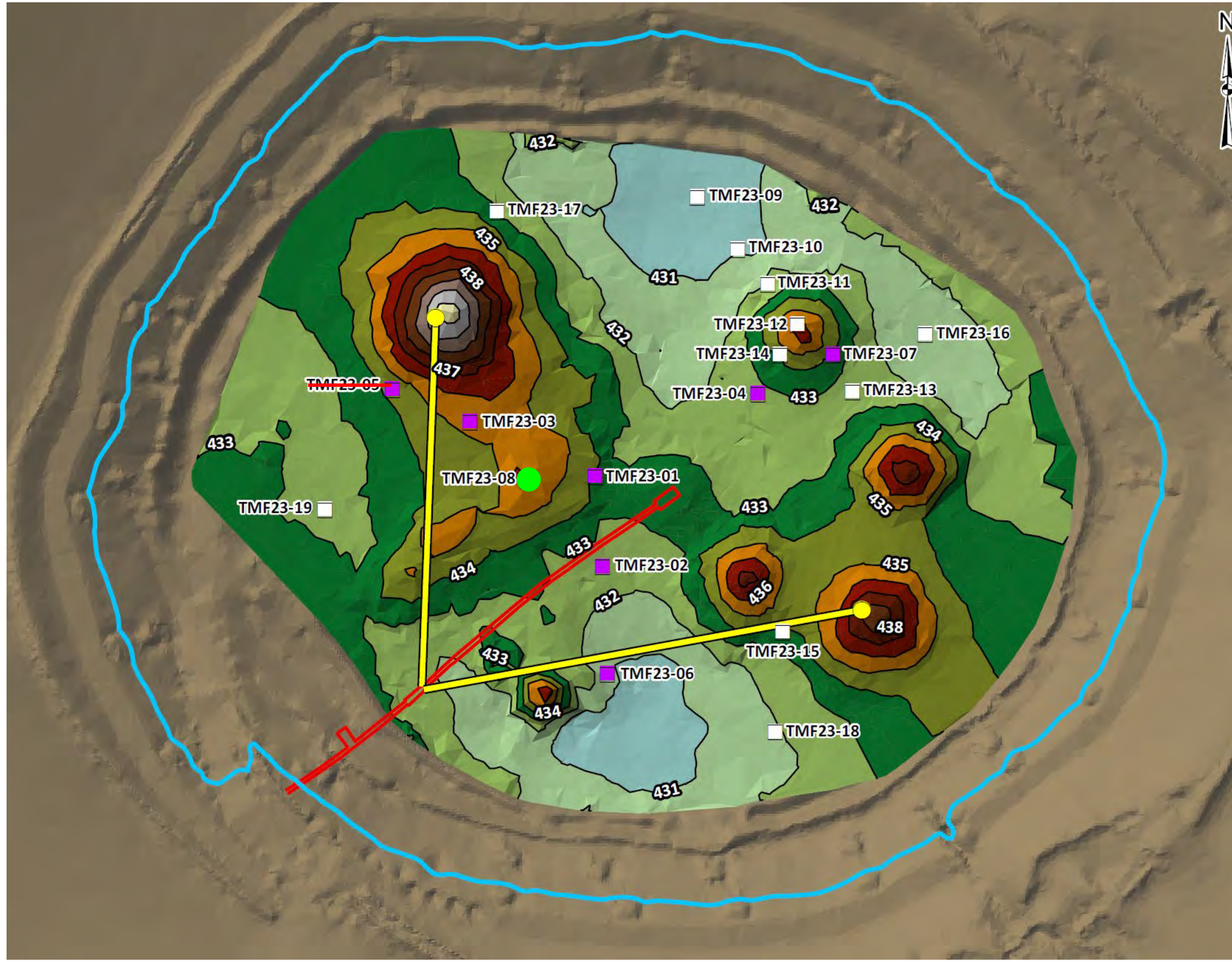
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			-
July 2, 2023	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X		N/A
July 20, 2023	TMF23-07	-	X	X	N/A
July 21, 2023	TMF23-07	-	X	X	N/A
July 22, 2023	TMF23-06	-	X	X	N/A
July 23, 2023	TMF23-06	-	X	X	N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 18, 2023	AN	1

Photo 1: Site Overview in the Afternoon (looking N)

Photo 2: Barge Overview in the Evening (looking NW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos** Date: July 18, 2023 | Approved: AN | Photo Sheet: 2

Photo 3: Detached (Unwelded) Railing (Afternoon)

Photo 4: Fixed (Welded) Railing's Attachment (Evening)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 18, 2023 | Approved: AN | Photo Sheet: 3

SRK Daily Report 018 – 2023 TOVP

Date:	July 19, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Partially Cloudy **Afternoon:** Partially Cloudy **Wind:** 3-44 km/h **Min:** 12.0 °C **Max:** 25.6 °C **Comment:** Wind gust in the afternoon.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings:	**Summary:**
06:00 – Toolbox talk	- General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- During the sampling process at TMF23-08, samples TMF23-08-SA02B and TMF23-08-03B were collected 4 feet below their intended elevations (TMF23-08-SA02A and TMF23-08-03A) due to poor recovery. This 4-foot adjustment was made after failing to obtain extracted samples when sampling 2 feet below the initial elevations. The initial sample TMF23-08-SA02B, positioned 2 feet below TMF23-080SA02A, experienced no recovery because of a markup error, while the tube containing TMF23-08-SA03B TMF23-08-SA03A was also completely empty. As a result, the samples for TMF23-08-SAXB were repeated 2 feet lower again (4 feet in total from TMF23-08-SA0XA).
- The problem of low recoveries was caused by issues with the seal in the Shelby sampler. Once the seal was replaced, the recoveries for TMF23-08-SA04 and TMF23-08-SA05 notably improved.
- Photo Sheet 3 shows the seal replacement for Shelby sampler (from 13:36 to 15:15).

Plan for Tomorrow:

- Complete TMF23-08
- Move to TMF23-07
- Commence TMF23-07

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
7:11	Launching Point	TMF23-08	1.00	- Favourable wind conditions.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-08	TMF23-08-DREDGE	DREDGE	436.29	Tailings Surface	N/A	- See Photo Sheet 4.
TMF23-08	TMF23-08-SA02A	Shelby	435.36	0.93	29.5	- Low recovery. Sample was re-taken 4 ft below. (For explanation, please, refer to the "GENERAL ACTIVITIES / OBSERVATIONS / NOTES" section of the report). Subsample was not taken as the sample could not be reached from the top of the tube.
TMF23-08	TMF23-08-SA02B	Shelby	434.14	2.15	85.2	- Subsample was taken (See Photo Sheet 4).
TMF23-08	TMF23-08-SA03A	Shelby	432.36	3.93	49.2	- Low recovery. Sample was re-taken 4 ft below. (For explanation, please, refer to the "GENERAL ACTIVITIES / OBSERVATIONS / NOTES" section of the report). Subsample was not taken as the sample could not be reached from the top of the tube.
TMF23-08	TMF23-08-SA03B	Shelby	431.14	5.15	89.3	- Subsample was taken (See Photo Sheet 5).

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-08	TMF23-08-SA04	Shelby	429.36	6.93	100.0	▪ Subsample was taken (See Photo Sheet 5).
TMF23-08	TMF23-08-SA05	Shelby	426.36	9.93	86.1	▪ Subsample was taken (See Photo Sheet 6).

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-08	9:30	18:00	5.75	Ongoing	▪ N/A

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	▪ Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA11	SHELBY	406.701	28.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA12	SHELBY	403.701	31.29	100.0	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA13	SHELBY	400.681	34.31	96.7	▪ Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA14[3]	SHELBY	397.701	37.29	97.5	▪ Dark yellow / light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA15A[2]	SHELBY	394.681	40.31	42.6	▪ Grey colour with some black intrusions.
July 6, 2023	TMF23-05	TMF23-05-SA15B	SHELBY	394.071	40.92	100.0	▪ Dark grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA16[4]	SHELBY	391.711	43.28	60.7	▪ Grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA17	SHELBY	388.711	46.28	79.5	▪ Grey to dark brown colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 19, 2023	TMF23-08	TMF23-08-DREDGE	DREDGE	436.29	Tailings Surface	N/A	▪ Dark brown colour with orange specks.
July 19, 2023	TMF23-08	TMF23-08-SA02A	SHELBY	435.36	0.93	29.5	▪ Dark grey/black to brown colour.
July 19, 2023	TMF23-08	TMF23-08-SA02B	SHELBY	434.14	2.15	85.2	▪ Black to dark grey colour.
July 19, 2023	TMF23-08	TMF23-08-SA03A	SHELBY	432.36	3.93	49.2	▪ Dark grey colour.
July 19, 2023	TMF23-08	TMF23-08-SA03B	SHELBY	431.14	5.15	89.3	▪ Grey/black to dark brown colour.
July 19, 2023	TMF23-08	TMF23-08-SA04	SHELBY	429.36	6.93	100.0	▪ Dark brown to dark grey colour.
July 19, 2023	TMF23-08	TMF23-08-SA05	SHELBY	426.36	9.93	86.1	▪ Dark brown to black/dark grey colour.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.
3. A metal rod might be present within the sample during extraction. Orano was informed, and it was determined that the possible presence of the rod, if it existed, would not cause any issues for the geochemical analysis.
4. Following a conversation with Orano, it was decided to accept the sample with reduced recovery and continue to gather the subsequent sample, given that the crew is set to leave the following day.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation.

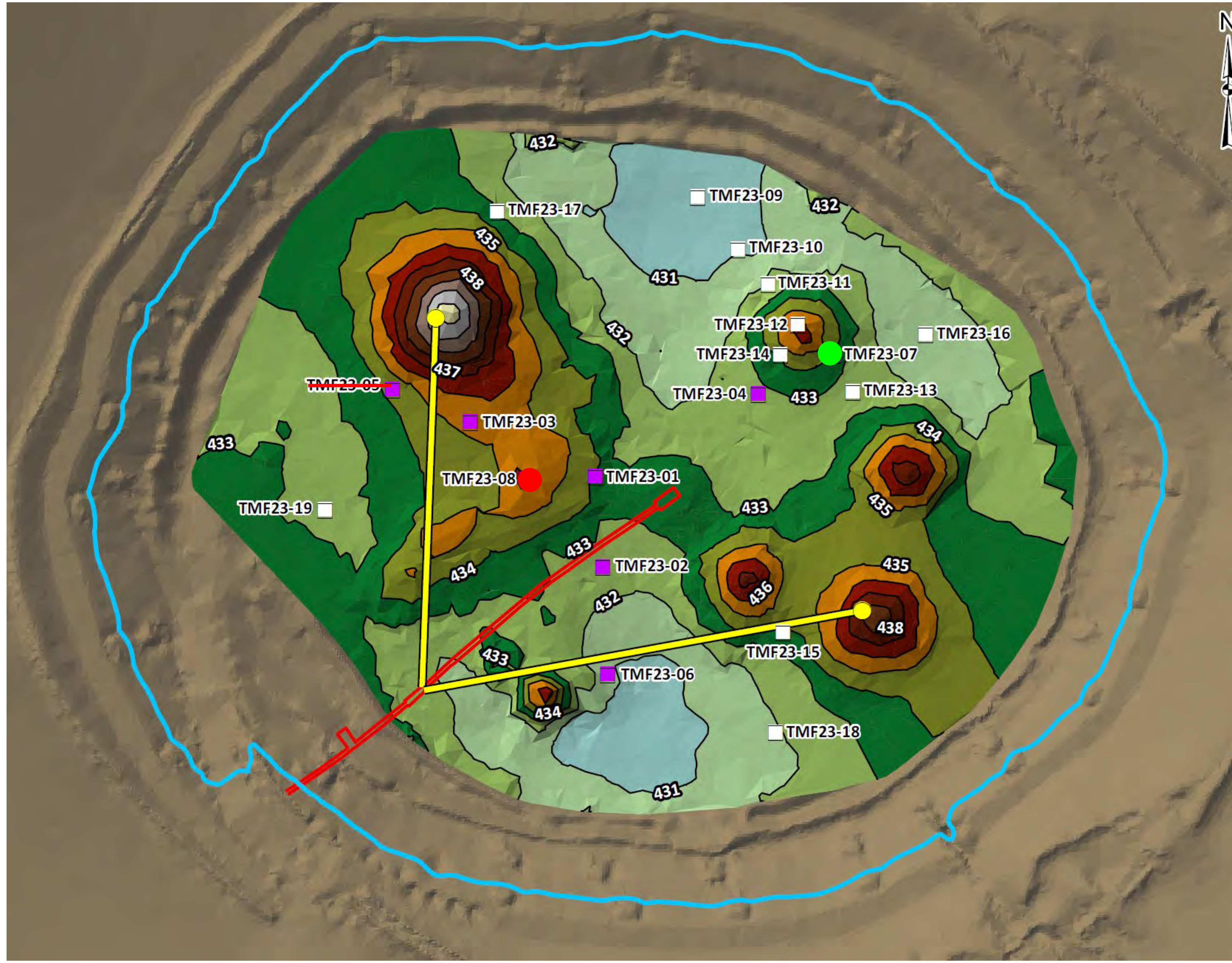
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
					▪ The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			▪ The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			▪ Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			▪ -
June 27, 2023	TMF23-11	X			▪ -
June 27, 2023	TMF23-12	X			▪ The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			▪ The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			▪ The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			▪ -
June 30, 2023	TMF23-13	X			▪ -
June 30, 2023	TMF23-15	X			▪ -

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			-
July 2, 2023	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	N/A
July 20, 2023	TMF23-07	-	X	X	N/A
July 21, 2023	TMF23-07	-	X	X	N/A
July 22, 2023	TMF23-06	-	X	X	N/A
July 23, 2023	TMF23-06	-	X	X	N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
TMF23-08	Incomplete
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 19, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	**2023 TOVP Program**
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: July 19, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: Shelby Sealing Before Replacement

Photo 4: Shelby Sealing After Replacement

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 19, 2023 / Approved: AN / Photo Sheet: 3

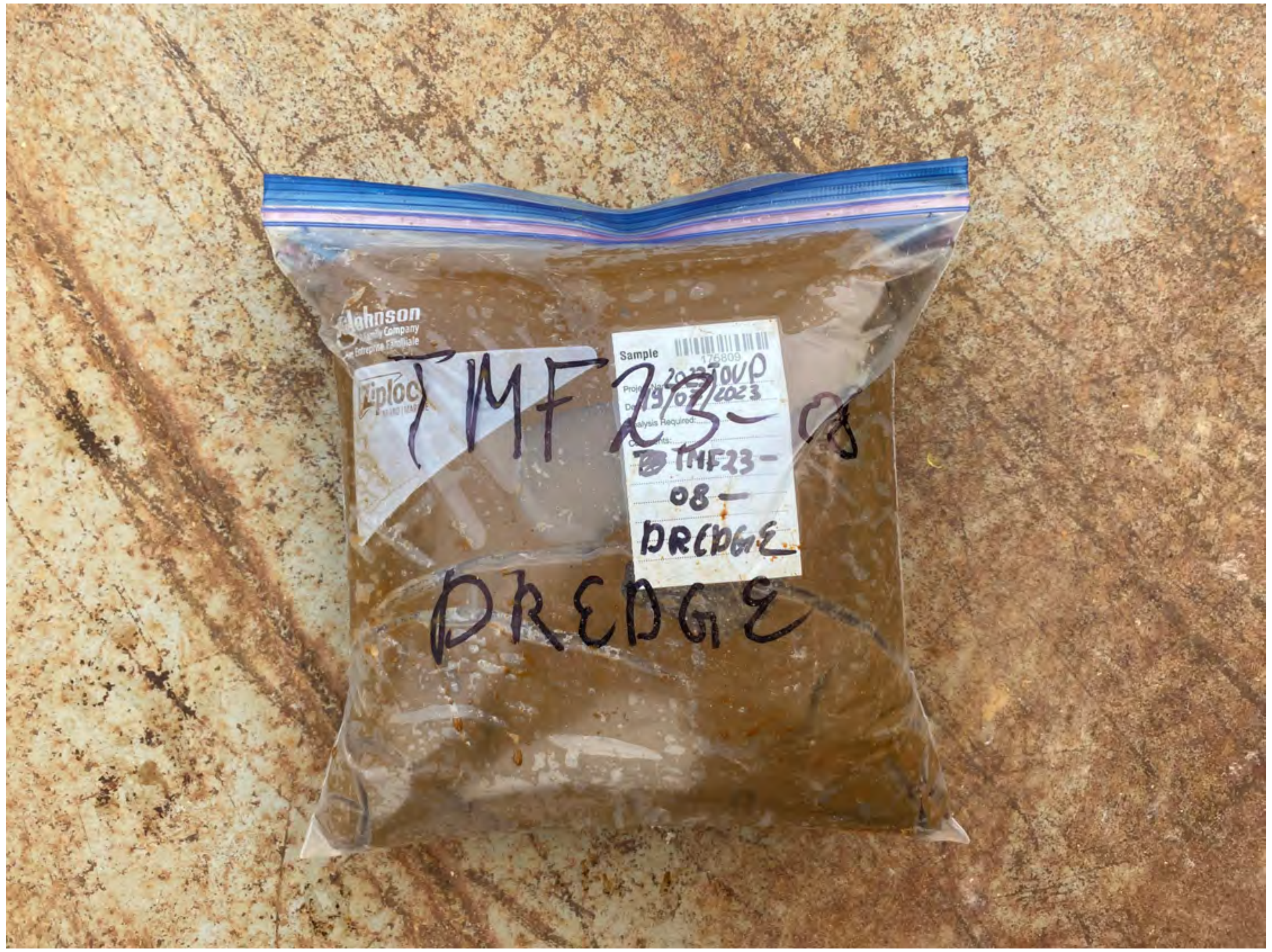


Photo 5: TMF23-08-DREDGE

Photo 6: TMF23-08-SA02B

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 19, 2023 / Approved: AN / Photo Sheet: 4

Photo 7: TMF23-08-SA03B

Photo 8: TMF23-08-SA04

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 19, 2023 · Approved: AN · Photo Sheet: 5

Photo 9: TMF23-08-SA05

- No Photo

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: July 19, 2023	Approved: AN	Photo Sheet: 6

SRK Daily Report 019 – 2023 TOVP

Date:	July 20, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind:** 4-34 km/h **Min:** 10.8 °C **Max:** 27.8 °C **Comment:** -
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- Before proceeding with the sampling of TMF23-08-SA06, it was observed that an obstacle was preventing the AWJ rods and Shelby from reaching the proper depth through the casing. Initial attempts to wash out the obstruction and push it out with AWJ rods were unsuccessful. A tricone was employed to remove the blockage from the hole (as seen in Photo Sheet 3). The process was successful and completed around 8:32 am.
- Additional supply of Shelby tubes has arrived on site.

Plan for Tomorrow:

- Complete TMF23-07

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
13:03	TMF23-08	TMF23-07	1.50	-

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-08	TMF23-08-SA06	Shelby	423.28	12.93	100.0	Subsample was collected (Photo Sheet 4). The sample was collected at a depth of 3 inches beneath the intended elevation, as an obstruction had to be cleared using a tricone bit.
TMF23-08	TMF23-08-SA07	Shelby	420.36	15.93	95.9	Subsample was collected (Photo Sheet 4)
TMF23-07	TMF23-07-SA02A	Shelby	433.20	0.68	39.3	The initial sample was supposed to be obtained at a depth of 433.81 meters above sea level. There was no recovery at that depth, hence an additional sample was collected 2 feet beneath the initially planned depth. No subsample was taken due to inability to reach the top of the sample in the Shelby tube.
TMF23-07	TMF23-07-SA02B	Shelby	432.59	1.29	94.3	Subsample was collected (Photo Sheet 5)
TMF23-07	TMF23-07-SA03A	Shelby	430.81	3.07	52.6	Subsample was collected (Photo Sheet 5)
TMF23-07	TMF23-07-SA03B	Shelby	430.20	3.68	97.5	Subsample was collected (Photo Sheet 6)

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-08	7:00	10:45	3.75	Complete	▪ Includes the time it took to remove obstruction from the casing.
TMF23-07	15:15	17:45	2.50	Ongoing	▪ -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Master List of Samples

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 22, 2023	TMF23-19	TMF23-19-DREDGE	DREDGE	433.25	Tailings surface	N/A	▪ Light brown to dark brown colour with some dark orange specks.
June 23, 2023	TMF23-17	TMF23-17-DREDGE	DREDGE	433.59	Tailings surface	N/A	▪ Dark to light brown colour.
June 24, 2023	TMF23-03	TMF23-03-DREDGE	DREDGE	435.68	Tailings surface	N/A	▪ Light brown to dark brown colour.
June 26, 2023	TMF23-09	TMF23-09-DREDGE	DREDGE	430.86	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 26, 2023	TMF23-10	TMF23-10-DREDGE	DREDGE	431.06	Tailings surface	N/A	▪ Dark brown to grey colour with some orange specks.
June 27th, 2023	TMF23-11	TMF23-11-DREDGE	DREDGE	432.08	Tailings surface	N/A	▪ Light to dark brown colour with traces of orange areas.
June 27th, 2023	TMF23-12	TMF23-12-DREDGE	DREDGE	436.56	Tailings surface	N/A	▪ Black to dark grey colour with traces of orange areas.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
June 28th, 2023	TMF23-07	TMF23-07-DREDGE	DREDGE	434.11	Tailings surface	N/A	▪ Black to dark grey colour. Some orange specks.
June 29, 2023	TMF23-14	TMF23-14-DREDGE	DREDGE	434.95	Tailings surface	N/A	▪ Dark brown to grey colour.
June 29, 2023	TMF23-16	TMF23-16-DREDGE	DREDGE	431.26	Tailings surface	N/A	▪ Dark to light grey. Some brown regions.
June 30, 2023	TMF23-13	TMF23-13-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Grey to dark grey colour.
June 30, 2023	TMF23-15	TMF23-15-DREDGE	DREDGE	434.30	Tailings surface	N/A	▪ Light brown colour. Some brown regions.
July 1, 2023	TMF23-18	TMF23-18-DREDGE	DREDGE	432.70	Tailings surface	N/A	▪ Light brown colour with some grey.
July 1, 2023	TMF23-06	TMF23-06-DREDGE	DREDGE	431.38	Tailings surface	N/A	▪ Light to dark brown colour with some grey specks.
July 4, 2023	TMF23-05	TMF23-05-DREDGE	DREDGE	434.99	Tailings surface	N/A	▪ Light brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA02 [2]	SHELBY	433.10	1.89	98.4	▪ Light to dark brown colour.
July 4, 2023	TMF23-05	TMF23-05-SA03	SHELBY	430.71	4.28	97.5	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA04	SHELBY	427.71	7.28	99.2	▪ Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA01-GT	SHELBY	427.10	7.89	100.0	▪ Dark brown, grey to dark green colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA05	SHELBY	424.71	10.28	91.8	▪ Dark brown to dark grey colour with some orange specks.
July 5, 2023	TMF23-05	TMF23-05-SA06	SHELBY	421.71	13.28	100.0	▪ Dark brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA07	SHELBY	418.71	16.28	100.0	▪ Light brown to dark orange colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 5, 2023	TMF23-05	TMF23-05-SA08	SHELBY	415.69	19.30	100.0	Dark brown to dark green some orange colour.
July 5, 2023	TMF23-05	TMF23-05-SA02-GT	SHELBY	415.08	19.91	100.0	Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA09	SHELBY	412.69	22.3	100.0	Light brown colour.
July 5, 2023	TMF23-05	TMF23-05-SA10	SHELBY	409.69	25.3	100.0	Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA11	SHELBY	406.701	28.29	100.0	Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA12	SHELBY	403.701	31.29	100.0	Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA13	SHELBY	400.681	34.31	96.7	Light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA14[3]	SHELBY	397.701	37.29	97.5	Dark yellow / light brown colour.
July 6, 2023	TMF23-05	TMF23-05-SA15A[2]	SHELBY	394.681	40.31	42.6	Grey colour with some black intrusions.
July 6, 2023	TMF23-05	TMF23-05-SA15B	SHELBY	394.071	40.92	100.0	Dark grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA16[4]	SHELBY	391.711	43.28	60.7	Grey colour.
July 6, 2023	TMF23-05	TMF23-05-SA17	SHELBY	388.711	46.28	79.5	Grey to dark brown colour.
July 19, 2023	TMF23-08	TMF23-08-DREDGE	DREDGE	436.29	Tailings Surface	N/A	Dark brown colour with orange specks.
July 19, 2023	TMF23-08	TMF23-08-SA02A	SHELBY	435.36	0.93	29.5	Dark grey/black to brown colour.
July 19, 2023	TMF23-08	TMF23-08-SA02B	SHELBY	434.14	2.15	85.2	Black to dark grey colour.
July 19, 2023	TMF23-08	TMF23-08-SA03A	SHELBY	432.36	3.93	49.2	Dark grey colour.
July 19, 2023	TMF23-08	TMF23-08-SA03B	SHELBY	431.14	5.15	89.3	Grey/black to dark brown colour.
July 19, 2023	TMF23-08	TMF23-08-SA04	SHELBY	429.36	6.93	100.0	Dark brown to dark grey colour.

Date	Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment / Sample Description
July 19, 2023	TMF23-08	TMF23-08-SA05	SHELBY	426.36	9.93	86.1	▪ Dark brown to black/dark grey colour.
July 20, 2023	TMF23-08	TMF23-08-SA06	SHELBY	423.28	12.93	100.0	▪ Dark brown colour.
July 20, 2023	TMF23-08	TMF23-08-SA07	SHELBY	420.36	15.93	95.9	▪ Light brown colour.
July 20, 2023	TMF23-07	TMF23-07-SA02A	SHELBY	433.20	0.68	39.3	▪ Brown colour.
July 20, 2023	TMF23-07	TMF23-07-SA02B	SHELBY	432.59	1.29	94.3	▪ Brown colour.
July 20, 2023	TMF23-07	TMF23-07-SA03A	SHELBY	430.81	3.07	52.6	▪ Light brown colour.
July 20, 2023	TMF23-07	TMF23-07-SA03B	SHELBY	430.20	3.68	97.5	▪ Brown colour with specks of orange.

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Owing to the loss of the initial sample caused by problems with the bottom cap, this sample was re-collected at a depth of 2 feet below (a length of the first Shelby advancement) the original depth.
3. A metal rod might be present within the sample during extraction. Orano was informed, and it was determined that the possible presence of the rod, if it existed, would not cause any issues for the geochemical analysis.
4. Following a conversation with Orano, it was decided to accept the sample with reduced recovery and continue to gather the subsequent sample, given that the crew is set to leave the following day.

Tentative Program Schedule

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
June 23, 2023	TMF23-19	X			▪ -
June 23, 2023	TMF23-17	X			▪ -
June 24, 2023	TMF23-03	X			▪ Despite installing 15 anchors to stabilize the barge, strong winds caused some rotation.

Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
					The test had to be stopped at 17.44 m due to significant rebound, and further casing advancement was needed. The test will continue the next day.
June 25, 2023	TMF23-03	X			The sounding concluded at a depth of 43.16 meters below the tailings surface, which is around 21.34 meters short of the planned depth. Since the casing had to be advanced every 10 meters, it would have required an additional two working days to attain the proposed sounding depth.
June 26, 2023	TMF23-09	X			Because of the substantial rebound, the test was halted at 15.6 meters below the tailings elevation. Since the intended depth is just 1.4 meters further down, the decision was made to stop at that point in order to save time.
June 26, 2023	TMF23-10	X			-
June 27, 2023	TMF23-11	X			-
June 27, 2023	TMF23-12	X			The purpose of the sounding was to establish the boundaries of the newly deposited Cigar Lake tailings. During the process, the interface between the freshly deposited Cigar Lake materials, the older and more consolidated tailings, and finally the Jeb Sue was identified. As a result, there was no need to extend the sounding to a greater depth.
June 28, 2023	TMF23-07	X			The aim of the sounding was to compare its resistance with the previous test conducted in the same location.
June 29, 2023	TMF23-14	X			The boundary between the newly placed Cigar Lake materials, the earlier and more solidified tailings, and ultimately the Jeb Sue was determined. Consequently, it was unnecessary to prolong the sounding to a deeper level
June 29, 2023	TMF23-16	X			-
June 30, 2023	TMF23-13	X			-
June 30, 2023	TMF23-15	X			-

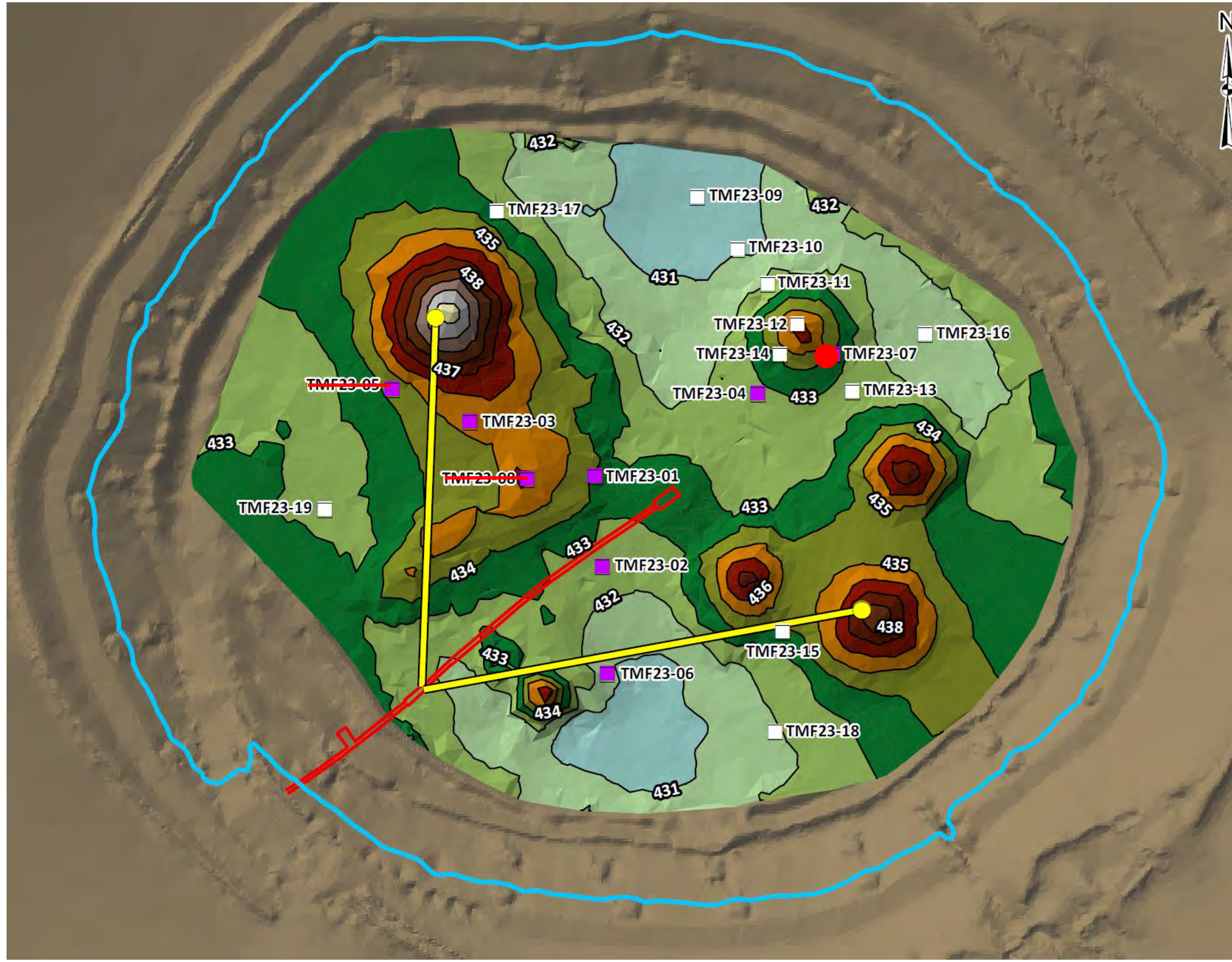
Date	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 1, 2023	TMF23-18	X			The location of the test was re-adjusted to be within 3 m from 5372.632E and 11113.307N in order to compare the results with the old CPTu conducted there.
July 1, 2023	TMF23-06	X			-
July 2, 2023	TMF23-04	X			The extra CPTu test could not be finished because of the thunderstorm.
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	N/A
July 22, 2023	TMF23-06	-	X	X	N/A
July 23, 2023	TMF23-06	-	X	X	N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

3. Additional locations selected for CPTu testing.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress ●

Complete —

Planned ●

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 20, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking N)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		**Daily Report** **Figure and Photos**
Location: McClean Lake		Date: July 20, 2023 · Approved: AN · Photo Sheet: **2**

Photo 3: Tricone Set-Up

- No Photo

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 20, 2023 / Approved: AN / Photo Sheet: 3

Photo 4: TMF23-08-SA06

Photo 5: TMF23-08-SA07

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 20, 2023	Approved: AN	Photo Sheet: 4

Photo 6: **Photo 6:** TMF23-07-SA02B

Photo 7: TMF23-07-SA03A

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: July 20, 2023 / Approved: AN / Photo Sheet: 5

Photo 8: TMF23-07-SA03B

- No Photo

2023 TOVP Program

Daily Report
Figure and Photos

Project No: CAPR002676	Date: July 20, 2023	Approved: AN	Photo Sheet: 6
Location: McClean Lake			

SRK Daily Report 020 – 2023 TOVP

Date:	July 21, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		**Drillers (Paddock Drilling Ltd.)** Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 No Yes Yes No
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill		**Today's Weather:** **Morning:** Cloudy, thunder **Afternoon:** Cloudy, rainy **Wind**: 5-35 km/h **Min:** 14.5 °C **Max:** 23.5 °C **Comment:** Thunder at 11:10 and 17:00.	**Four Day Outlook:**	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning of the day. Due to thunderstorm the photo was not taken at the end of the day.
- While collecting TMF23-07-SA09 (~17:00), a thunderstorm commenced, accompanied by lightning, which triggered alerts. Consequently, the crew vacated the barge, leaving all the acquired samples in the bucket behind the drill (except for TMF23-07-SA09, which was fresh and taken to the shore to finalize). The tubes will be retrieved promptly the following morning.
- The master sample table has been taken out of the report for the presentation purpose. SRK keeps track of all collected samples and will supply a complete table upon the conclusion of the TOVP 2023 program.

Plan for Tomorrow:

- Complete TMF23-07
- Move to TMF23-06

■ Start TMF23-06

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	■ N/A

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-07	TMF23-07-SA04A	Shelby	427.20	6.68	75.4	■ The sample was collected at a depth of 2 feet beneath the proposed elevation (427.81 masl), as the first sample had no recovery.
TMF23-07	TMF23-07-SA04B	Shelby	426.59	7.29	96.7	■ Subsample was collected (Photo Sheet 3)
TMF23-07	TMF23-07-SA05	Shelby	424.81	9.07	100.0	■ Subsample was collected (Photo Sheet 3)
TMF23-07	TMF23-07-SA06	Shelby	421.81	12.07	100.0	■ Subsample was collected (Photo Sheet 4)
TMF23-07	TMF23-07-SA01-GT	Shelby	419.40	14.48	86.9	■ -
TMF23-07	TMF23-07-SA07	Shelby	418.79	15.09	100.0	■ Subsample was collected (Photo Sheet 4)
TMF23-07	TMF23-07-SA08	Shelby	415.82	18.06	100.0	■ Subsample was collected (Photo Sheet 5)
TMF23-07	TMF23-07-SA09	Shelby	412.79	21.09	100.0	■ Subsample was collected (Photo Sheet 5)

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-07	7:10	17:20	7.5	Ongoing	▪ Diesel re-fill was required after lunch time.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

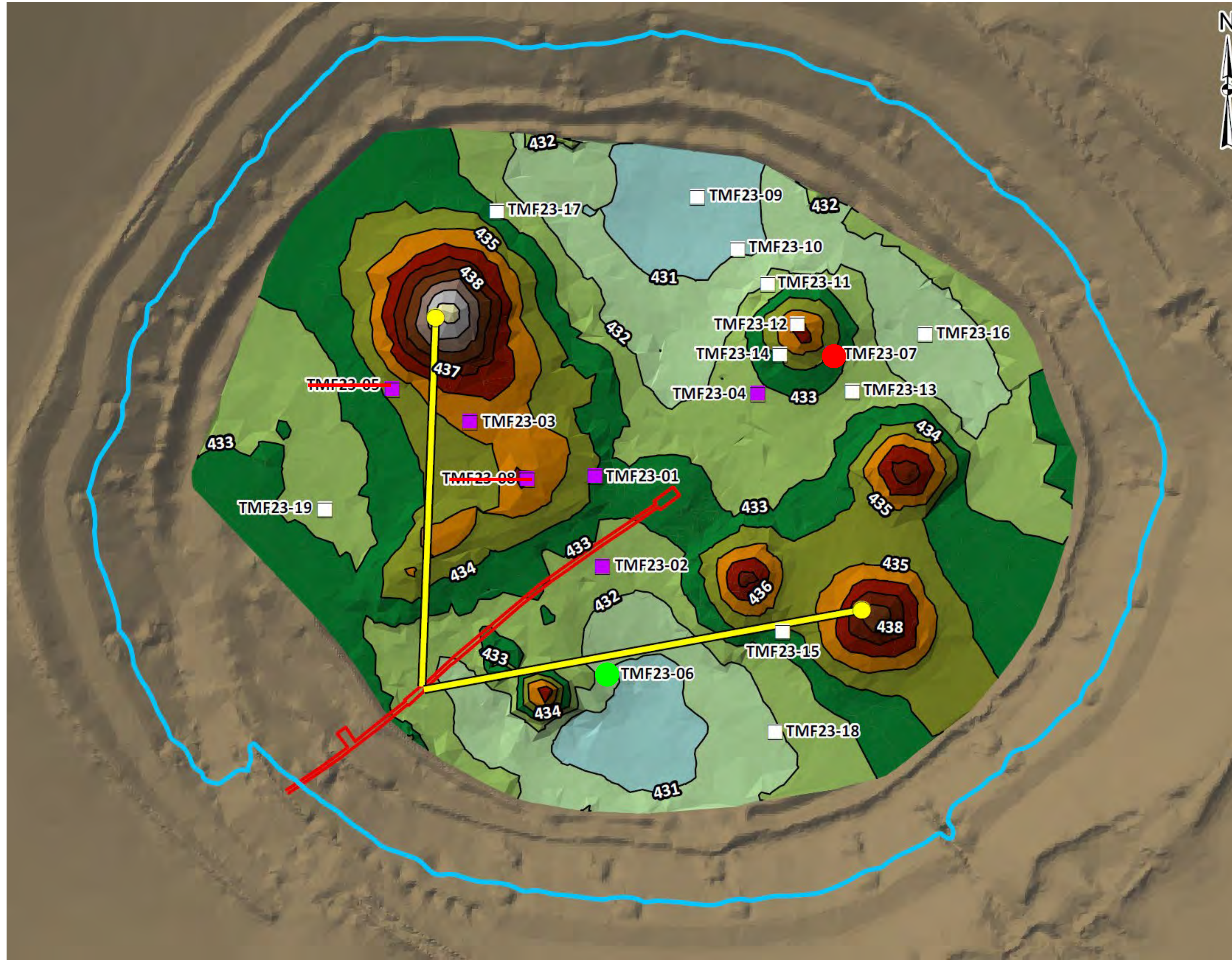
Date [4]	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ N/A
July 22, 2023	TMF23-06	-	X	X	▪ N/A

Date [4]	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 23, 2023	TMF23-06	-	X	X	▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.
4. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.

Drilling Program	
Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 21, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

- No photo was taken due to thunderstorm

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 21, 2023	AN	2

Photo 2: TMF23-07-SA04B

Photo 3: TMF23-07-SA05

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 21, 2023 / Approved: AN / Photo Sheet: **3**

Photo 4: TMF23-07-SA06

Photo 5: TMF23-07-SA07

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 21, 2023 · Approved: AN · Photo Sheet: **4**

Photo 6: TMF23-07-SA08

Photo 7: TMF23-07-SA09

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 21, 2023 · Approved: AN · Photo Sheet: 5

SRK Daily Report 021 – 2023 TOVP

Date:	July 22, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 5-35 km/h **Min:** 5.7 °C **Max:** 17.2 °C **Comment:** -	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- The samples that had been taken yesterday and left on the barge due to thunderstorm were collected and passed to Orano.
- Upon reaching the target depth of TMF23-07-SA11, it was discovered that the tube contained 6 feet of blow-up material. Despite three attempts to clean out the material, the casing had to be pulled up 10 feet and cleaned using the tricone (refer to Photo Sheet 3). Ultimately, the desired elevation was achieved.
- At 5:00 PM, the drill's engine belt broke, rendering it unable to continue sampling (see Photo Sheet 4). Paddock searched for a replacement belt, finding one on site that may not be compatible with the machine. Further investigation will be conducted to determine if it can be used for the drill. It was also decided to consult with a heavy machinery shop and inquire if other contractors have a similar part. If not, a trip to an off-site shop may be necessary. More information will be provided in the morning.

- The AWJ rods and drill casing left in the ground were secured since the drill was not functioning to extract the AWJ rods prior to departing due to the broken engine belt.
- The TMF23-07 hole, which is currently being sampled, is situated approximately 1.8 meters away from the location where the CPTu test was conducted for that location.

<u>Plan for Tomorrow:</u>

- Repair the engine belt for the drill.
- Complete TMF23-07

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	- N/A

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-07	TMF23-07-SA02-GT	Shelby	412.18	21.70	85.0	- -
TMF23-07	TMF23-07-SA03-GT	Shelby	410.41	23.47	70.9	- The additional continuous geotechnical sample was not collected, as the subsequent sample is intended for geochemical analysis (TMF23-07-SA10).
TMF23-07	TMF23-07-SA10	Shelby	409.80	24.08	100.0	- Subsample was collected (Photo Sheet 5).
TMF23-07	TMF23-07-SA11	Shelby	406.80	27.08	97.5	- Subsample was collected (Photo Sheet 5).

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-07	8:00	17:00	7.00	Ongoing	▪ The drilling was terminated at 17:00 due to the broken engine belt. ▪ Paddock had been asked to relocate their truck and trailer earlier in the morning by a different contractor to a different lot. However, there was no sign of designated parking.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

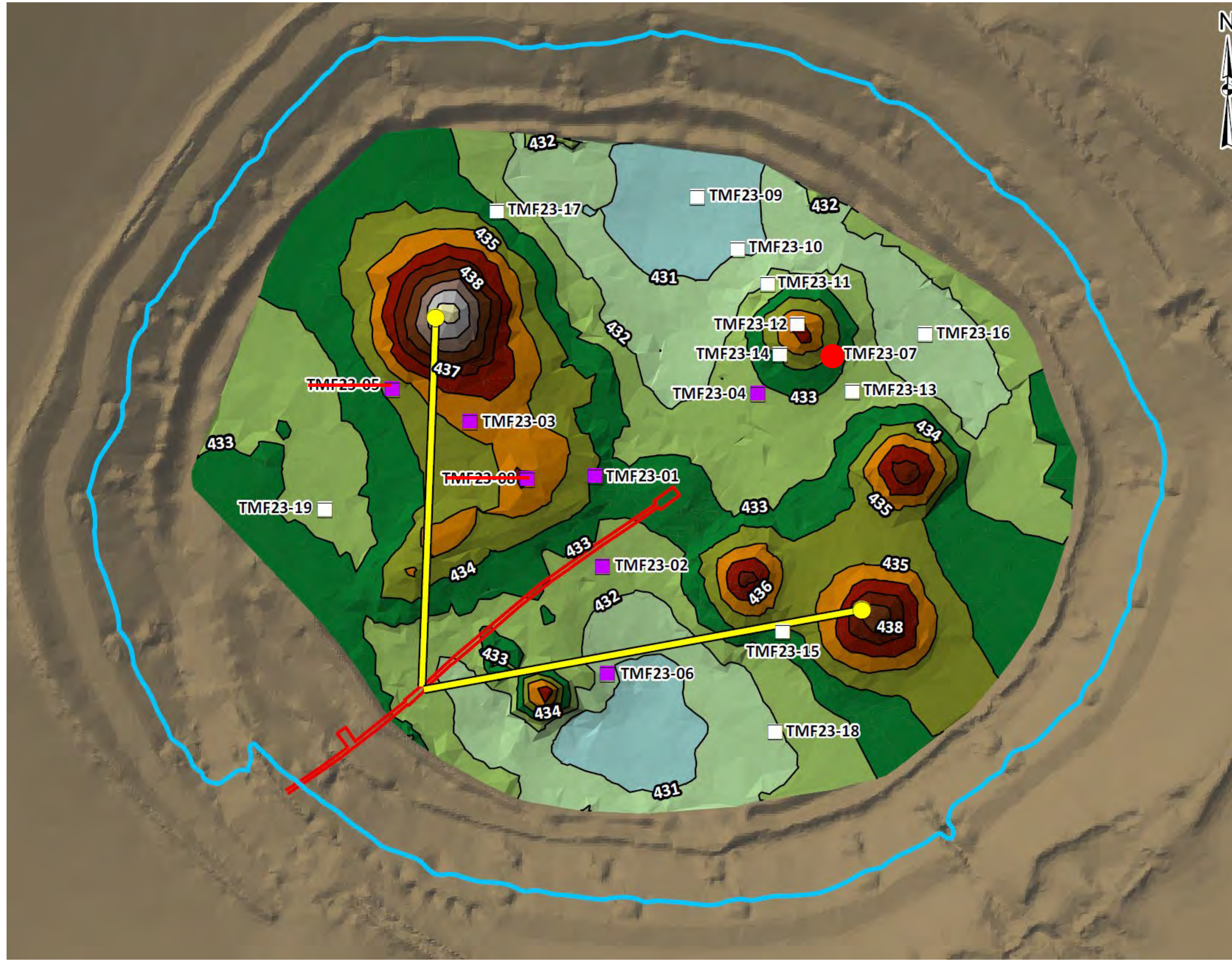
Date [4]	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted “B” samples to be added.

Date [4]	Location ID [3]	CPTu	Geochemical	Geotechnical	Comments
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ The drill's engine belt broke at approximately 17:00. Sampling activity are terminated until the repairs occur.
July 23, 2023	-	-	N/A	N/A	▪ The repair activities for the drill's engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	TMF23-07	-	X	X	▪ N/A
July 24, 2023	TMF23-06	-	X	X	▪ N/A
July 25, 2023	TMF23-06	-	X	X	▪ N/A
July 26, 2023	TMF23-06	-	X	X	▪ N/A

Notes:

1. Only CPTu are currently considered at that stage of the scheduling process. The geochemical and geotechnical sampling will be scheduled accordingly once the CPTu program is complete.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned
3. Additional locations selected for CPTu testing.
4. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.

Drilling Program	
Hole ID	Status
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 22, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 22, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: Tricone used to clean the blow-up material before advancing to the depth of TMF23-07-SA11

- No additional photos were taken

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 22, 2023 / Approved: AN / Photo Sheet: 3

Photo 4: Broken engine belt

Photo 5: Broken engine belt (Cut)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 22, 2023 / Approved: AN / Photo Sheet: 4

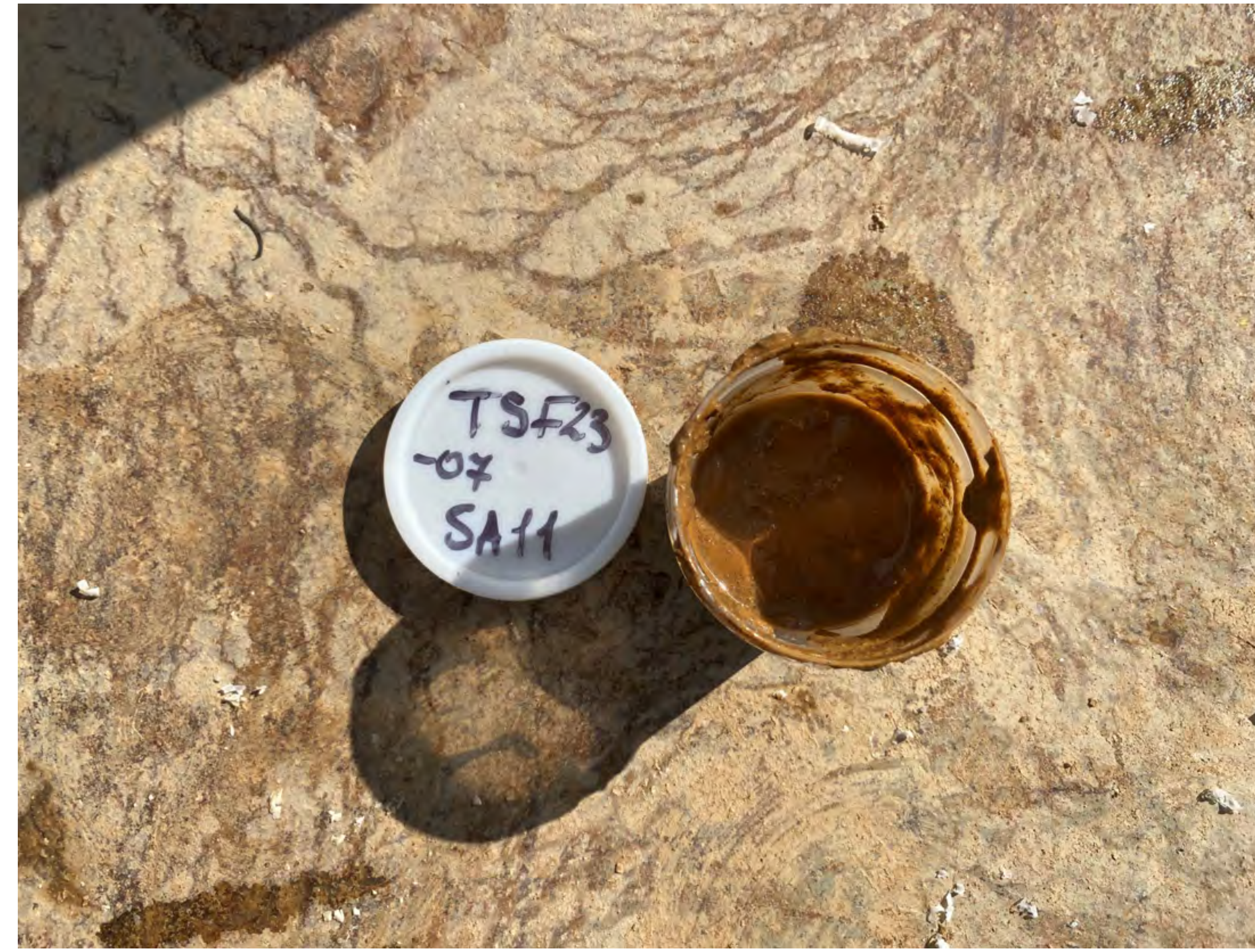


Photo 6: TMF23-07-SA10

Photo 7: TMF23-07-SA11

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: July 22, 2023 / Approved: AN / Photo Sheet: 5

SRK Daily Report 022 – 2023 TOVP

Date:	July 23, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 4-10 km/h **Min:** 6.5 °C **Max:** 22.8 °C **Comment:** -	**Four Day Outlook:**
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning of the day.
- At the start of the day, efforts were made to replace the engine belt (V65). A search for the missing part was conducted across various locations, including the heavy machinery shop, Broda, warehouse, and other places, but no appropriate part was located.
- Around 10:00 AM, Paddock drilling departed the site and headed to Prince Albert to acquire the missing part from the shop. They are anticipated to return to the site tomorrow, bringing the V65 belt with them.

Plan for Tomorrow:

- Acquiring the engine belt (V65) for the drill from Prince Albert (Paddock Drilling Ltd.)

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
N/A						

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
N/A					

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

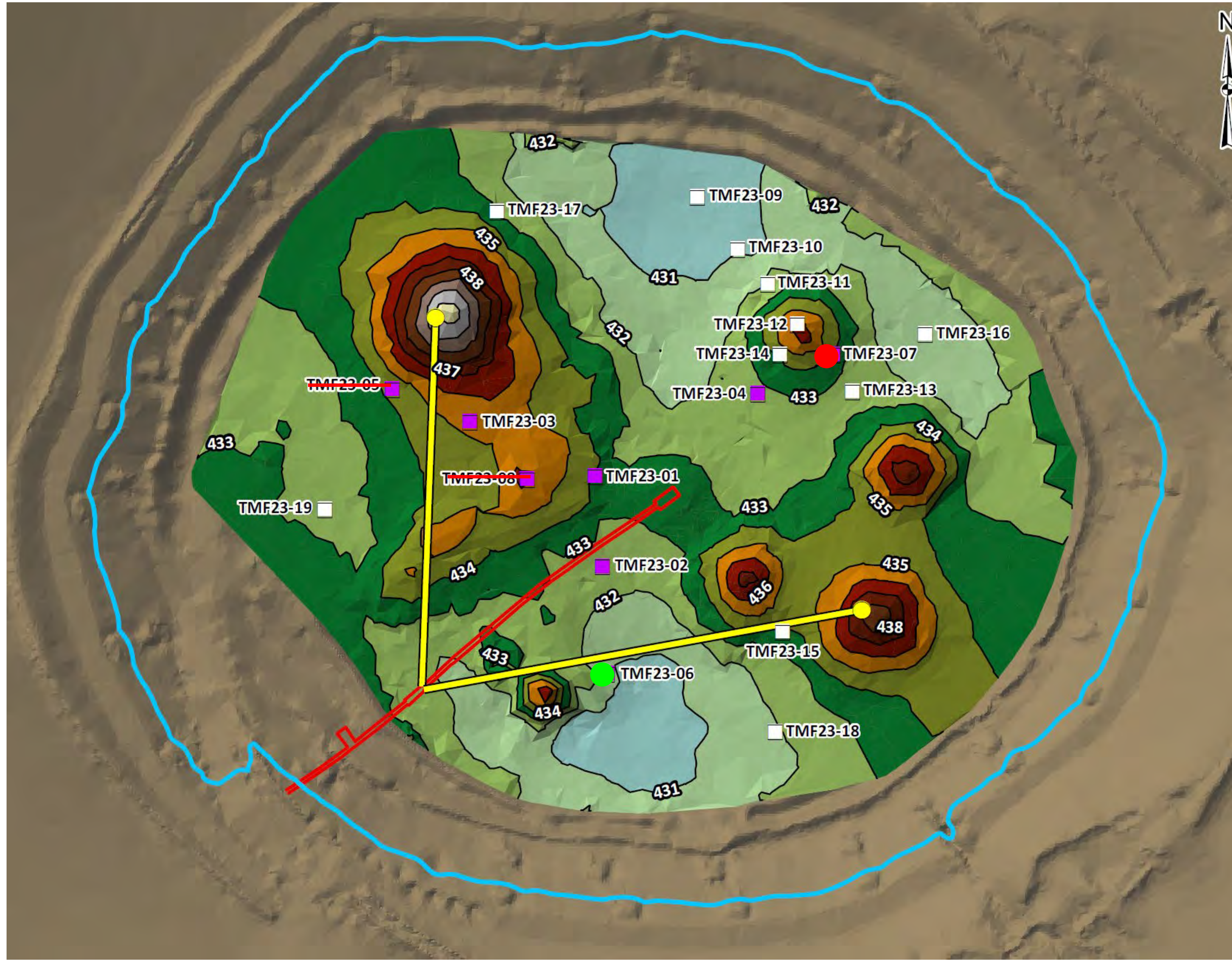
Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted "B" samples to be added.
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ The drill's engine belt broke at approximately 17:00. Sampling activity are terminated until the repairs occur.
July 23, 2023	-	-	N/A	N/A	▪ The repair activities for the drill's engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	-	-	N/A	N/A	▪ The drillers are planned to purchase the part for the drill in Prince Albert and deliver it back to the site by the end of the day.
July 25, 2023	TMF23-07	-	X	X	▪ N/A
July 26, 2023	TMF23-06	-	X	X	▪ N/A
July 27, 2023	TMF23-06	-	X	X	▪ N/A

Notes:

1. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

Project No: CAPR002676
Location: McClean Lake

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 23, 2023	AN	1

Photo 1: Morning Site Overview (looking N)

Photo 2: Morning Site Overview from the Deposition Barge (looking N)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 23, 2023 / Approved: AN / Photo Sheet: 2

SRK Daily Report 023 – 2023 TOVP

Date:	July 24, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill			**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 0-12 km/h **Min:** 8.7 °C **Max:** 24.5 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen				
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning of the day.
- In the morning, two out of three remaining dredge samples were gathered within a 3-meter radius of the proposed sites for TMF23-01 and TMF23-02.
- At around 9:30 AM, Paddock Drilling Ltd. informed that they had obtained the necessary belt from Prince Albert. They arrived back on site at 16:45 and went to repair the drill after supper. At 19:05 the drill was repaired.
- An inventory check was performed for potential items that may be needed. As of today, there are 1 pallet and 22 bags of mud, 1.5 cans of wax powder, and approximately 10 boxes/blocks of wax, and about 10 rolls of tape. Only one block of wax has been used so far. The majority of the wax used for all collected samples came from the wax powder.

- TMF23-07-SA11 had a disturbed section at the bottom of the Shelby tube. Upon assessment, it was observed that there were no grey color mixes and that sand grains could be felt when rubbing the sample with fingers. Therefore, it was determined that this was a disturbed portion of the sample, and no mixture of mud was identified (Photo Sheet 4).
- The photos of TMF23-07 samples, which were tested for geochemical analysis, were examined. No indications of mud (grey mixtures) were detected.

Plan for Tomorrow:

- Finalize TMF23-07
- Move to TMF23-06
- Start TMF23-06

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl) [2]	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-02	TMF23-02-DREDGE	DREDGE	-	Tailings Surface	N/A	▪ See Photo Sheet 3
TMF23-01	TMF23-01-DREDGE	DREDGE	-	Tailings Surface	N/A	▪ See Photo Sheet 3

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. The samples were taken from the support boat. The elevations will be estimated during drilling from the barge at these locations.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)[1]	Status	Comment
N/A					

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

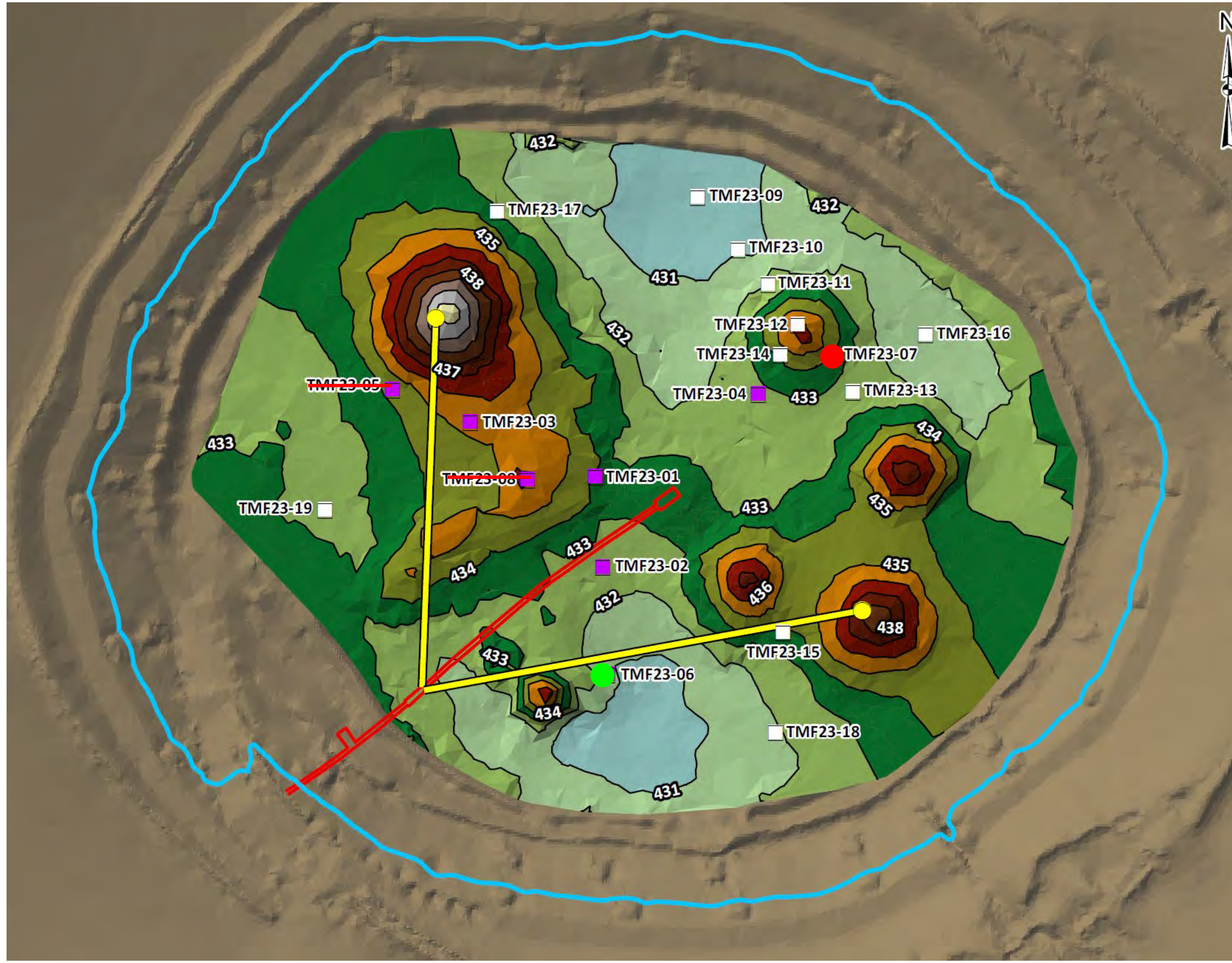
Date[1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	-
July 6, 2023	TMF23-05	-	X	X	The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	The drill’s engine belt broke at approximately 17:00. Sampling activities are terminated until the repairs occur.

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 23, 2023	-	-	N/A	N/A	▪ The repair activities for the drill's engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	TMF23-01	-	X	N/A	▪ The engine belt was purchased, and Paddock Drilling is scheduled to arrive back to camp at the end of the day. ▪ Dredge sample was taken from the support boat.
July 24, 2023	TMF23-02		X	N/A	▪ Dredge sample was taken from the support boat.
July 25, 2023	TMF23-07	-	X	X	▪ N/A
July 25, 2023	TMF23-06	-	X	X	▪ N/A
July 26, 2023	TMF23-06	-	X	X	▪ N/A
July 27, 2023	TMF23-06	-	X	X	▪ N/A

Notes:

1. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
TMF23-07	Incomplete
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 24, 2023	AN	1

Photo 1: Morning Site Overview (looking NE)

Photo 2: Morning Site Overview (looking NW)

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: July 24, 2023 | Approved: AN | Photo Sheet: 2

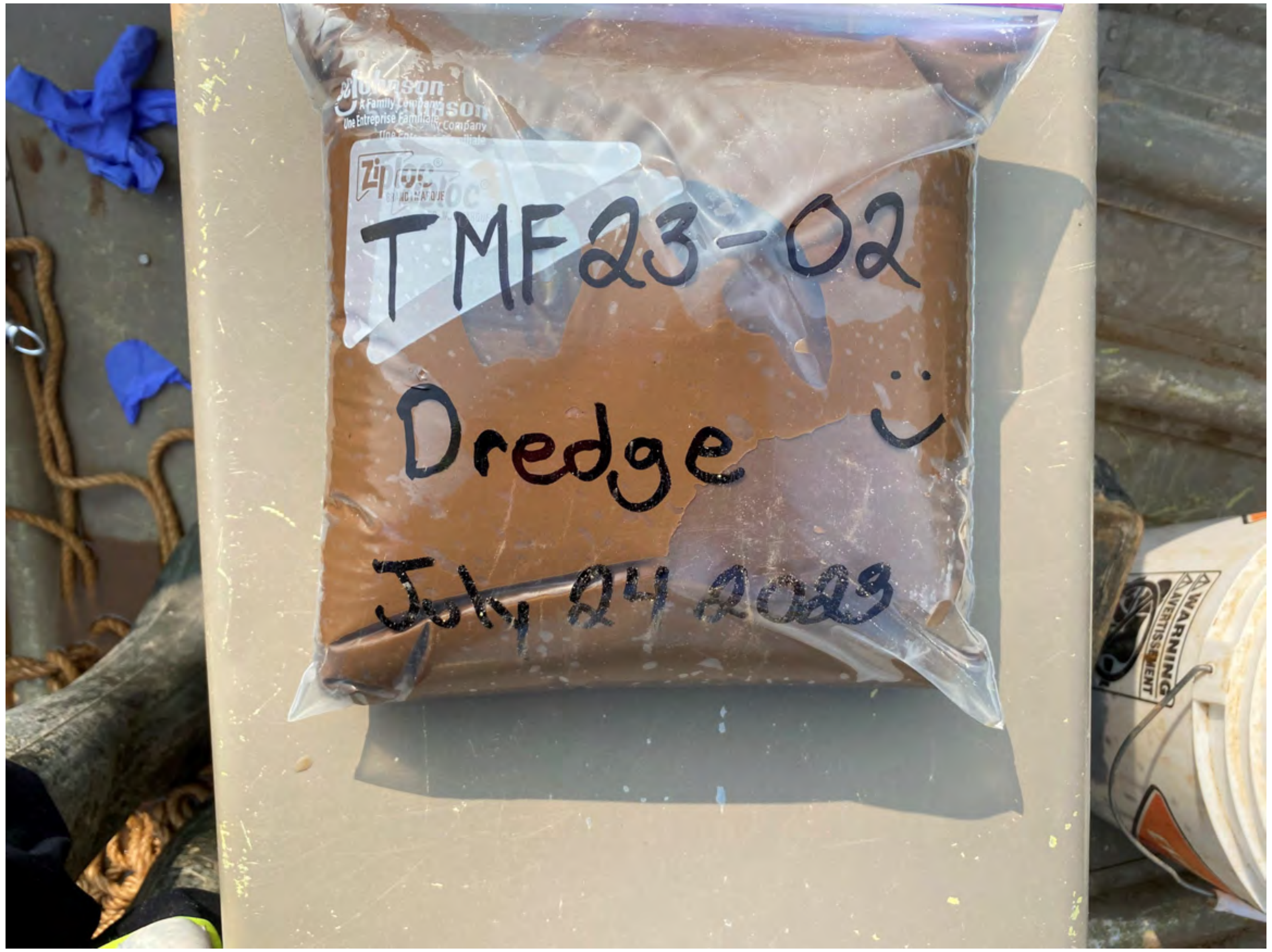


Photo 3: TMF23-02-DREDGE

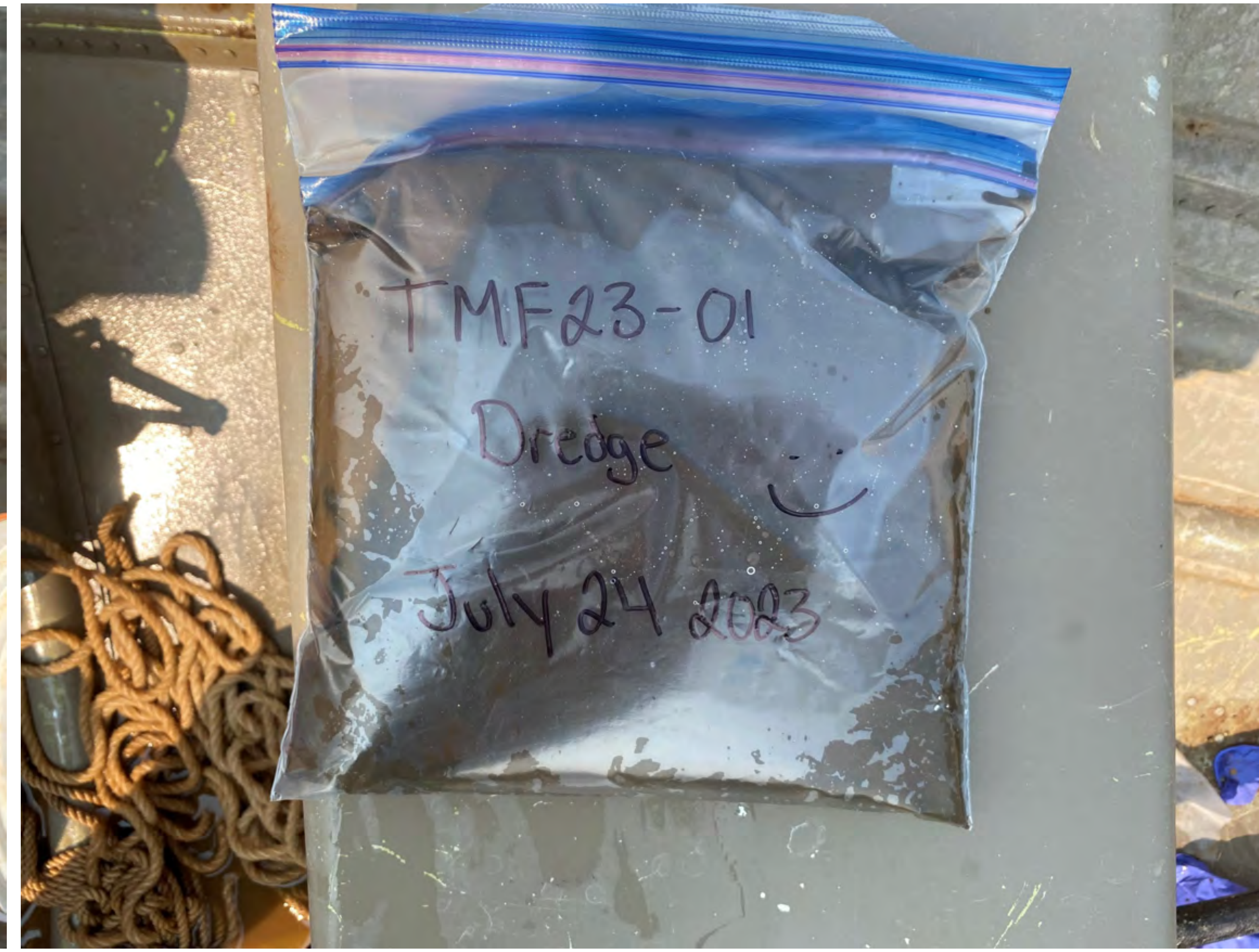


Photo 4: TMF23-01-DREDGE

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 24, 2023 / Approved: AN / Photo Sheet: 3

Photo 5: TMF23-07-SA11 – Bottom of the Shelby Tube

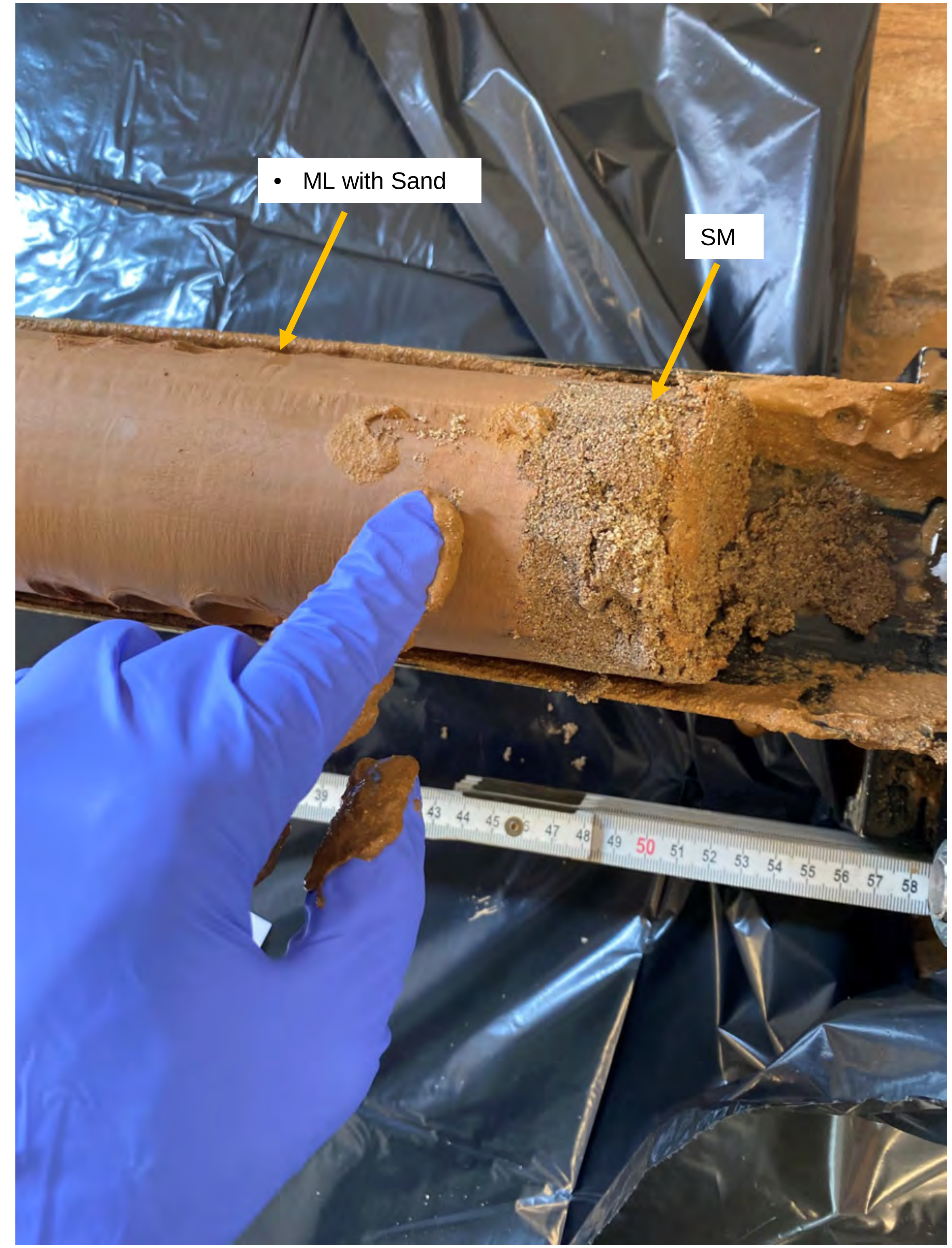


Photo 6: TMF23-07-SA11 – Top of the Shelby Tube

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 24, 2023 · Approved: AN · Photo Sheet: 4

SRK Daily Report 024 – 2023 TOVP

Date:	July 25, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Carl – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Danton – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	No
				Bill Schwartz – CPT Operator	

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 24-40 km/h **Min:** 10.0 °C **Max:** 21.3 °C **Comment:** The forceful, blowing wind had an impact on the barge's movement in the late morning / early afternoon.	**Four Day Outlook:**
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- Between 4:15 PM and 4:45 PM, the seals and bearings were taken out, cleaned, and replaced if needed to ensure full extenuation of the mechanism (Photo Sheet 3).
- Recently purchased and delivered Shelby tubes arrived to the TMF (Photo Sheet 3).

Plan for Tomorrow:

- Continue TMF23-06

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
9:45	TMF23-07	TMF23-06	2.75	▪ The powerful wind had a considerable influence on the barge's movement, and top-breaking waves were noticed.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-07	TMF23-07-SA12	Shelby	403.80	30.08	96.7	▪ See Photo Sheet 4
TMF23-07	TMF23-07-SA13	Shelby	400.81	33.07	91.8	▪ See Photo Sheet 4
TMF23-06	TMF23-06-SA02	Shelby	428.71	2.69	98.4	▪ See Photo Sheet 5
TMF23-06	TMF23-06-SA03	Shelby	425.71	5.69	99.2	▪ See Photo Sheet 5
TMF23-06	TMF23-06-SA04	Shelby	422.71	8.69	99.2	▪ See Photo Sheet 6
TMF23-06	TMF23-06-SA05	Shelby	419.71	11.69	100.0	▪ See Photo Sheet 6

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-07	6:45	9:45	2.50	Complete	▪ -
TMF23-06	15:00	18:15	2.75	In Progress	▪ The seals and bearings on the sampler were replaced between 15:15 and 15:45 to ensure full extension.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

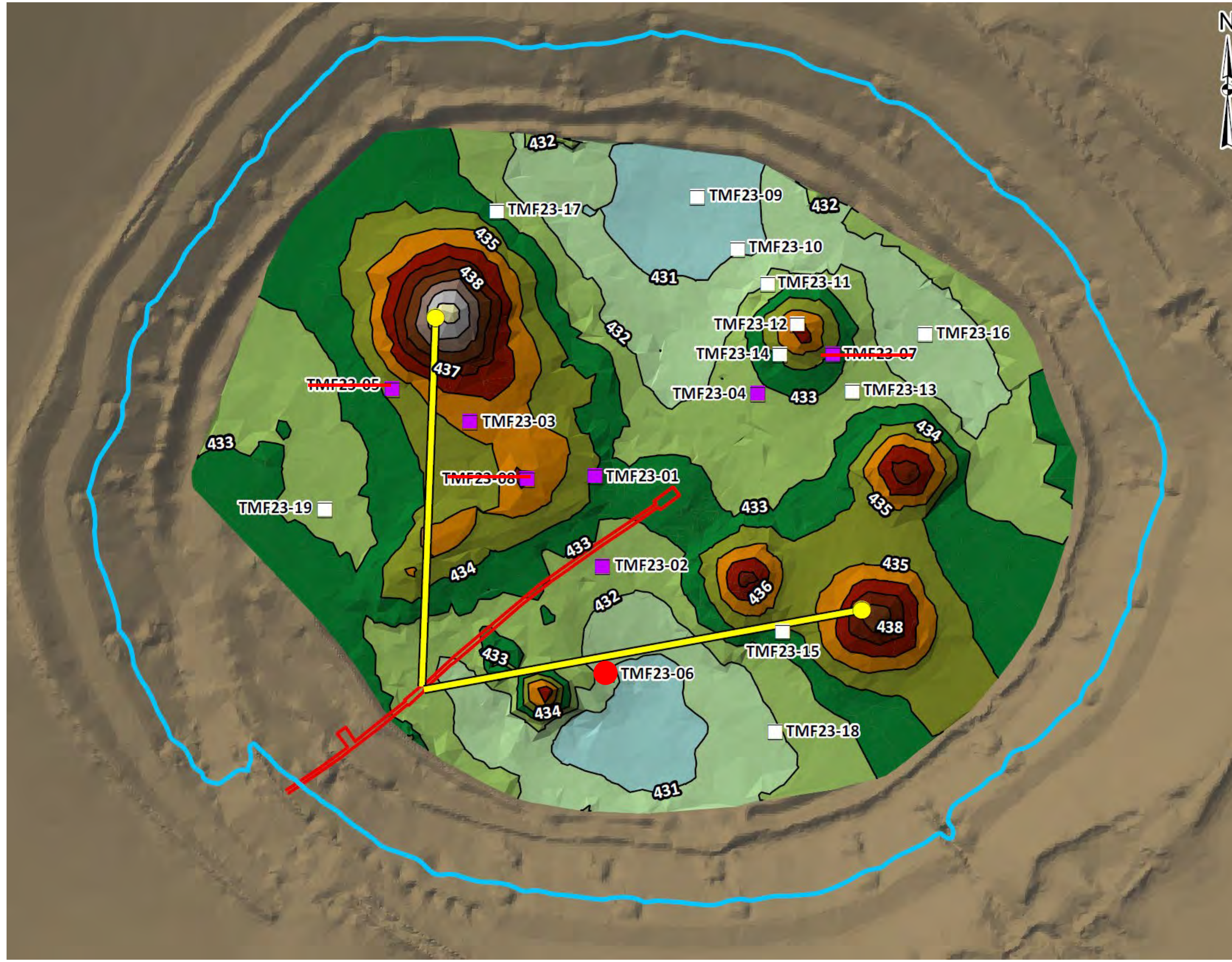
Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ The drill’s engine belt broke at approximately 17:00. Sampling activities are terminated until the repairs occur.

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 23, 2023	-	-	N/A	N/A	The repair activities for the drill's engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	TMF23-01	-	X	N/A	The engine belt was purchased, and Paddock Drilling is scheduled to arrive back to camp at the end of the day. Dredge sample was taken from the support boat.
July 24, 2023	TMF23-02		X	N/A	Dredge sample was taken from the support boat.
July 25, 2023	TMF23-07	-	X	X	-
July 25, 2023	TMF23-06	-	X	X	The intense wind had an effect on the speed of the barge's relocation.
July 26, 2023	TMF23-06	-	X	X	N/A
July 27, 2023	TMF23-06	-	X	X	N/A

Notes:

1. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 25, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 25, 2023	AN	**2**

Photo 3: Delivered to the TMF Shelby tubes

Photo 4: Cleaning and replacing the seals and bearings on the sampler

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos**
		Date: July 25, 2023 / Approved: AN / Photo Sheet: **3**

Photo 5: TMF23-07-SA12

Photo 6: TMF23-07-SA13

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 25, 2023 / Approved: AN / Photo Sheet: 4

Photo 7: TMF23-06-SA02

Photo 8: TMF23-06-SA03

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos** Date: July 25, 2023 · Approved: AN · Photo Sheet: 5

Photo 9: TMF23-06-SA04

Photo 104: TMF23-06-SA05

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
July 25, 2023	AN	**6**

SRK Daily Report 025 – 2023 TOVP

Date:	July 26, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		<u>**Drillers (Paddock Drilling Ltd.)**</u> Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) <u>**CPT Technician (Schwartz Soil-Tech Inc.)**</u> Bill Schwartz – CPT Operator	 No Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	<u>**Today's Weather:**</u> **Morning:** Cloudy **Afternoon:** Cloudy **Wind**: 12-44 km/h **Min:** 12.6 °C **Max:** 17.5 °C **Comment:** The forceful, blowing wind in the afternoon caused delay in drilling to avoid the damage to the drill head.	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- Between 13:00-15:00, strong gusting winds caused a delay in drilling as the barge's swaying exerted excessive torque on the drill head. The team waited for the gusty conditions to subside before resuming work to prevent equipment breakdown.
- TMF23-06-SA12 was first tried at the suggested elevation, but the effort yielded no recovery, leading to a second attempt 2 feet lower. This second attempt also resulted in no recovery, which prompted an examination of the sampler for potential issues. At 17:00, the sampler's piston seals were replaced since the piston appeared to extend without holding up. The sampler was also disassembled and washed. It is believed that the piston may have extended above the sampling elevation (while being lowered down) without affecting or penetrating the tailings due to this issue. With the seals now replaced, another attempt to obtain a sample from the <u>same elevation</u> (2 ft below proposed) will be made tomorrow (Photo Sheet 3).
- At 17:30, the fuse in the drill blew, requiring a replacement. The replacement will be carried out first thing in the morning.

- Due to powerful winds, the sample TSF23-06-SA02-GT toppled over while being loaded onto the track. There might be some disturbance in the sample, but it is uncertain.

Plan for Tomorrow:

- Finish TMF23-06

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-06	TMF23-06-SA01-GT	Shelby	419.10	12.30	100.0	-
TMF23-06	TMF23-06-SA06	Shelby	416.71	14.69	98.4	See Photo Sheet 4
TMF23-06	TMF23-06-SA07	Shelby	413.68	17.72	96.7	See Photo Sheet 4
TMF23-06	TMF23-06-SA08	Shelby	410.69	20.71	100.0	See Photo Sheet 5
TMF23-06	TMF23-06-SA09	Shelby	407.69	23.71	83.3	See Photo Sheet 5
TMF23-06	TMF23-06-SA10	Shelby	405.00	26.40	100.0	See Photo Sheet 6

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-06	TMF23-06-SA02-GT	Shelby	404.39	27.01	100.0	▪ The sample tube toppled over because of the wind. There might be some disturbance, but its extent is unclear.
TMF23-06	TMF23-06-SA11	Shelby	401.69	29.71	85.4	▪ See Photo Sheet 6
TMF23-06	TMF23-06-SA12[2]	Shelby	N/A	N/A	N/A	▪ -

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Two efforts were undertaken to acquire the sample. The initial attempt took place at the proposed elevation, while the subsequent effort occurred 2 ft lower. Neither location yielded any recoveries. Owing to potential problems with the sampler, the second elevation (2 ft below the original) will be re-tried in the morning.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-06	6:50	17:30	6.75	In Progress	▪ The gusting wind made to wait a bit until it calms down in order to prevent a damage to the drill head due to the barge move and bending steel. ▪ Some maintenance activities were carried out on the sampler.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -

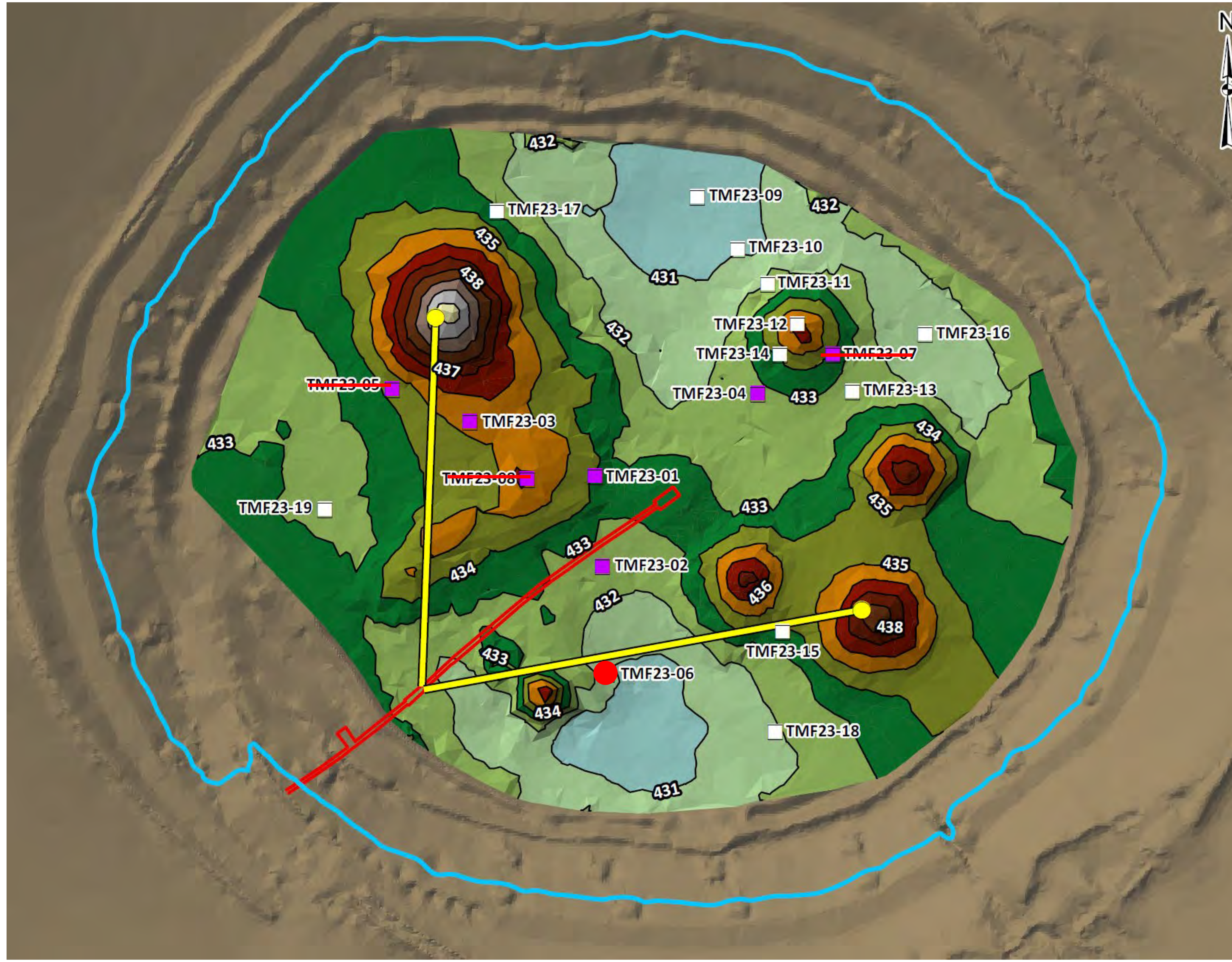
Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ The drill’s engine belt broke at approximately 17:00. Sampling activities are terminated until the repairs occur.
July 23, 2023	-	-	N/A	N/A	▪ The repair activities for the drill’s engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	TMF23-01	-	X	N/A	▪ The engine belt was purchased, and Paddock Drilling is scheduled to arrive back to camp at the end of the day. ▪ Dredge sample was taken from the support boat.
July 24, 2023	TMF23-02		X	N/A	▪ Dredge sample was taken from the support boat.
July 25, 2023	TMF23-07	-	X	X	▪ -
July 25, 2023	TMF23-06	-	X	X	▪ The intense wind had an effect on the speed of the barge's relocation.
July 26, 2023	TMF23-06	-	X	X	▪ TMF23-06-SA12 was tried two times without success in obtaining any recovery. The attempt will be made again tomorrow.

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
					▪ Strong gusts of wind necessitated waiting for calmer conditions in the afternoon to avoid potential damage to the drill head caused by barge movement and bending steel. ▪ The drill's fuse blew at the day's conclusion. ▪ The sampler's seals have been replaced, and the sampler itself has been cleaned to avoid further recovery issues
July 27, 2023	TMF23-06	-	X	X	▪ N/A

Notes:

1. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 26, 2023	AN	1

Photo 1: Morning Site Overview (looking NE)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 26, 2023 · Approved: AN · Photo Sheet: 2

Photo 3: Cleaning up the sampler

Photo 4: Disassembled sampler assessment

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 26, 2023 · Approved: AN · Photo Sheet: 3

Photo 5: TMF23-06-SA06

Photo 6: TMF23-06-SA07

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report** **Figure and Photos**
Location: McClean Lake		Date: July 26, 2023 / Approved: AN / Photo Sheet: **4**

Photo 7: TMF23-06-SA08

Photo 8: TMF23-06-SA09

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: July 26, 2023 / Approved: AN / Photo Sheet: 5

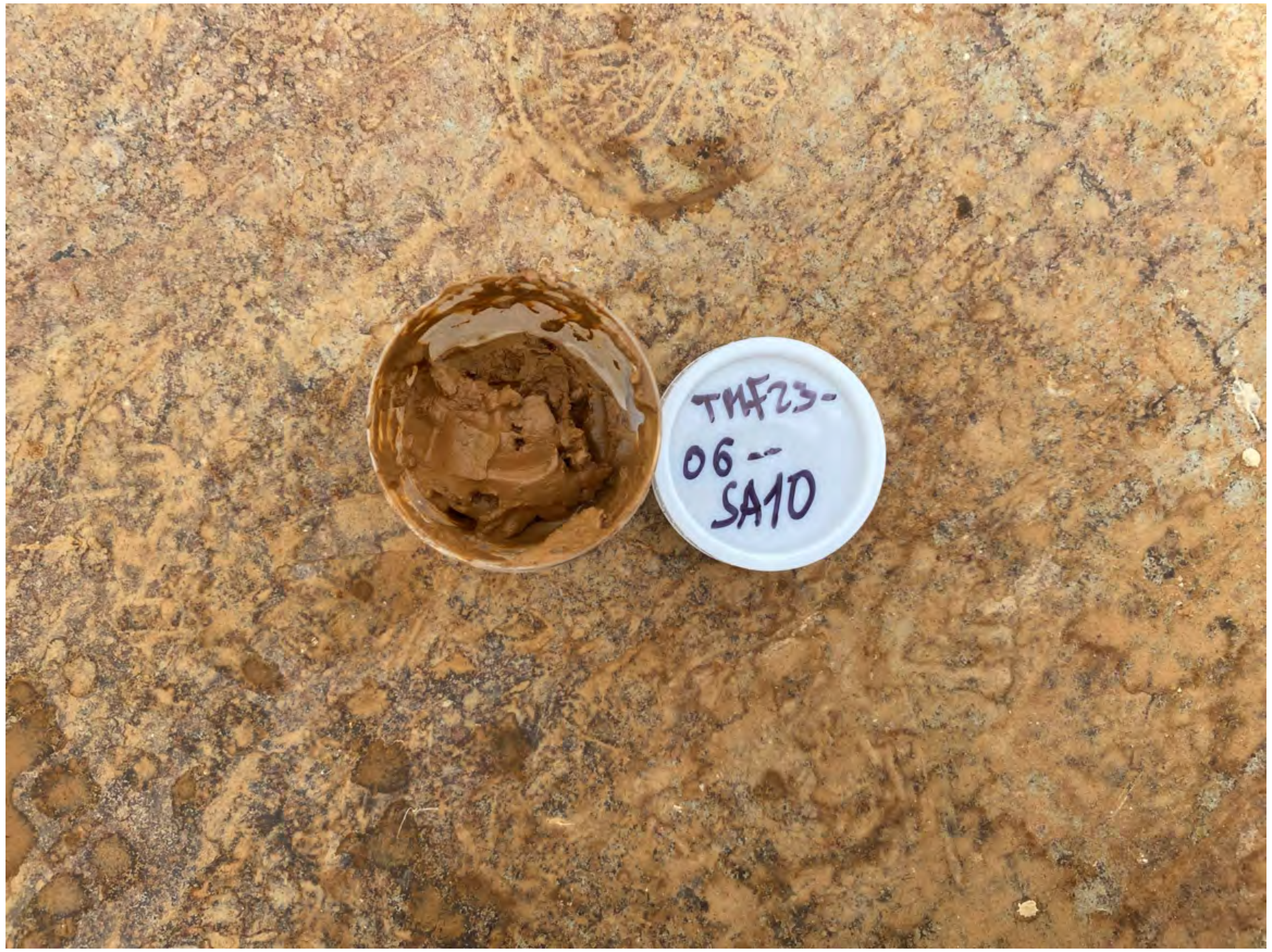


Photo 9: TMF23-06-SA10

Photo 10: TMF23-06-SA11

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: July 26, 2023 / Approved: AN / Photo Sheet: 6

SRK Daily Report 026 – 2023 TOVP

Date:	July 27, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		**Drillers (Paddock Drilling Ltd.)** Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 No Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Cloudy **Afternoon:** Cloudy with some sun **Wind**: 4-13 km/h **Min:** 11.1 °C **Max:** 19.1 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Figure 1 shows the status of each boring in a plan view.
- Photo Sheet 2 shows the site conditions at the beginning and at the end of the day.
- A new fuse was installed around 6:40 in the morning, but it blew when the drill was initiated.
- The blown fuse issue, which hindered the drill from starting, was fixed around 11:05 AM. Although the drill resumed operation, further maintenance is needed to fully resolve the underlying problem (Photo Sheet 3).
- Around 13:08, it was found that the piston was easily extending, and as a result, it couldn't hold suction. The sampler was taken apart and fixed until about 14:00. The leather in the sampler was changed, and it was given time to expand before verifying if the sampler now maintains suction and does not extend effortlessly (Photo Sheet 4).
- TMF23-06-14A had a poor recovery. It is necessary to obtain Sample TMF23-06-14B two feet below on the next shift.

Plan for Tomorrow:

- Tidy up and secure the barge further before departing from site.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%) [1]	Comment
TMF23-06	TMF23-06-SA12 [2]	Shelby	397.48	33.92	89.2	Photo Sheet 5.
TMF23-06	TMF23-06-SA13	Shelby	395.70	35.70	83.8	When the sample tube was removed from the ground, marks from the sample were observed on the inner side of the tube. It is possible that the sample slightly slid down inside the tube (Photo Sheet 5).
TMF23-06	TMF23-06-SA14A	Shelby	392.70	38.70	61.8	Low recovery. Additional sample “B” is required 2 ft below (Photo Sheet 6)

Notes:

1. The recovery calculation is based on the assumption that the entire sample represents 2 feet, or 0.61 meters, which is the distance the Shelby tube was driven.
2. Two efforts were undertaken to acquire the sample. The initial attempt took place at the proposed elevation, while the subsequent effort occurred 2 ft lower. Neither location yielded any recoveries. The sample was obtained with the 3rd attempt (4ft below the proposed elevation).

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-06	12:48	17:40	3.75	In Progress	▪ In the morning, the problem with blowing fuses was fixed. ▪ During the afternoon (around 13:00 - 14:00), the sampler required maintenance to ensure that the piston extension does not occur early and easily.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

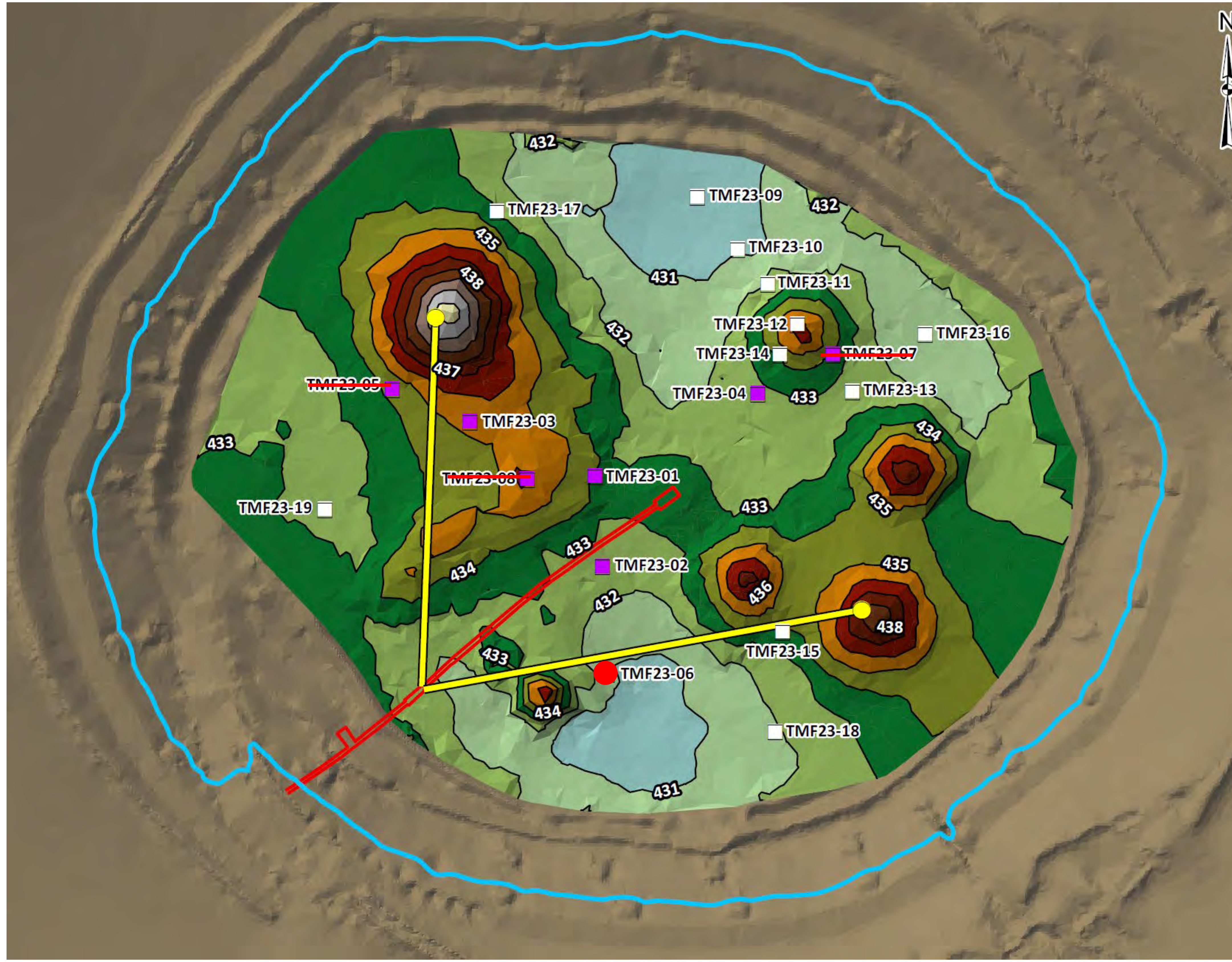
Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 4, 2023	TMF23-05	-	X		▪ Drilling commenced in the afternoon due to morning wind gusts that prevented the barge from being secured at the intended site.
July 5, 2023	TMF23-05	-	X	X	▪ -
July 6, 2023	TMF23-05	-	X	X	▪ The location was sampled only twice for geotechnical purposes, with one sample collected from the Cigar Lake tailings and the other from the top of the JEB/SUE layer due to time constraints.
July 19, 2023	TMF23-08	-	X	-	▪ Only geochemical samples are acquired from that location. The seal of the Shelby sampler caused repair time between 13:36 and 15:15.
July 20, 2023	TMF23-08	-	X	-	▪ A blockage in the casing prevented the crew from starting sampling upon arrival to the barge. Tricone was used to remove the blockage.
July 20, 2023	TMF23-07	-	X	X	▪ Low recoveries in top layers prompted “B” samples to be added.
July 21, 2023	TMF23-07	-	X	X	▪ Two lightning warnings occurred during the day causing the crew to leave the barge at 11:00 and 17:10.
July 22, 2023	TMF23-07	-	X	X	▪ The drill’s engine belt broke at approximately 17:00. Sampling activities are terminated until the repairs occur.

Date [1]	Location ID	CPTu	Geochemical	Geotechnical	Comments
July 23, 2023	-	-	N/A	N/A	▪ The repair activities for the drill's engine belt are planned to take place that day. If they are finalized before the end of the day, sampling will continue with the last two samples from TMF23-07.
July 24, 2023	TMF23-01	-	X	N/A	▪ The engine belt was purchased, and Paddock Drilling is scheduled to arrive back to camp at the end of the day. ▪ Dredge sample was taken from the support boat.
July 24, 2023	TMF23-02		X	N/A	▪ Dredge sample was taken from the support boat.
July 25, 2023	TMF23-07	-	X	X	▪ -
July 25, 2023	TMF23-06	-	X	X	▪ The intense wind had an effect on the speed of the barge's relocation.
July 26, 2023	TMF23-06	-	X	X	▪ TMF23-06-SA12 was tried two times without success in obtaining any recovery. The attempt will be made again tomorrow. ▪ Strong gusts of wind necessitated waiting for calmer conditions in the afternoon to avoid potential damage to the drill head caused by barge movement and bending steel. ▪ The drill's fuse blew at the day's conclusion. ▪ The sampler's seals have been replaced, and the sampler itself has been cleaned to avoid further recovery issues
July 27, 2023	TMF23-06	-	X	X	▪ Issue with the fuses and the sampler caused some downtime.
July 28, 2023	-	-	X	X	▪ Securing and cleaning the barge. ▪ Site departure.

Notes:

1. The part of the table before July 4, 2023 was removed due to the completion of the CPTu campaign.
2. **Green** = complete, **Orange** = in progress, **Red** = not complete, **Blue** = Planned

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	Incomplete
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
July 27, 2023	AN	1

Photo 1: Morning Site Overview (looking NW)

Photo 2: Evening Site Overview (looking NW)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos**
		Date: July 27, 2023 | Approved: AN | Photo Sheet: **2**

Photo 3: Tracing the wires (Blown fuse issue)

Photo 4: Repairing of the broken fuse

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 27, 2023 / Approved: AN / Photo Sheet: 3

Photo 5: Checking the Shelby tube

Photo 6: Disassembling the sampler and checking seals

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: July 27, 2023 / Approved: AN / Photo Sheet: 4

Photo 7: TMF23-06-SA12

Photo 8: TMF23-06-SA13

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: July 27, 2023	Approved: AN	Photo Sheet: 5

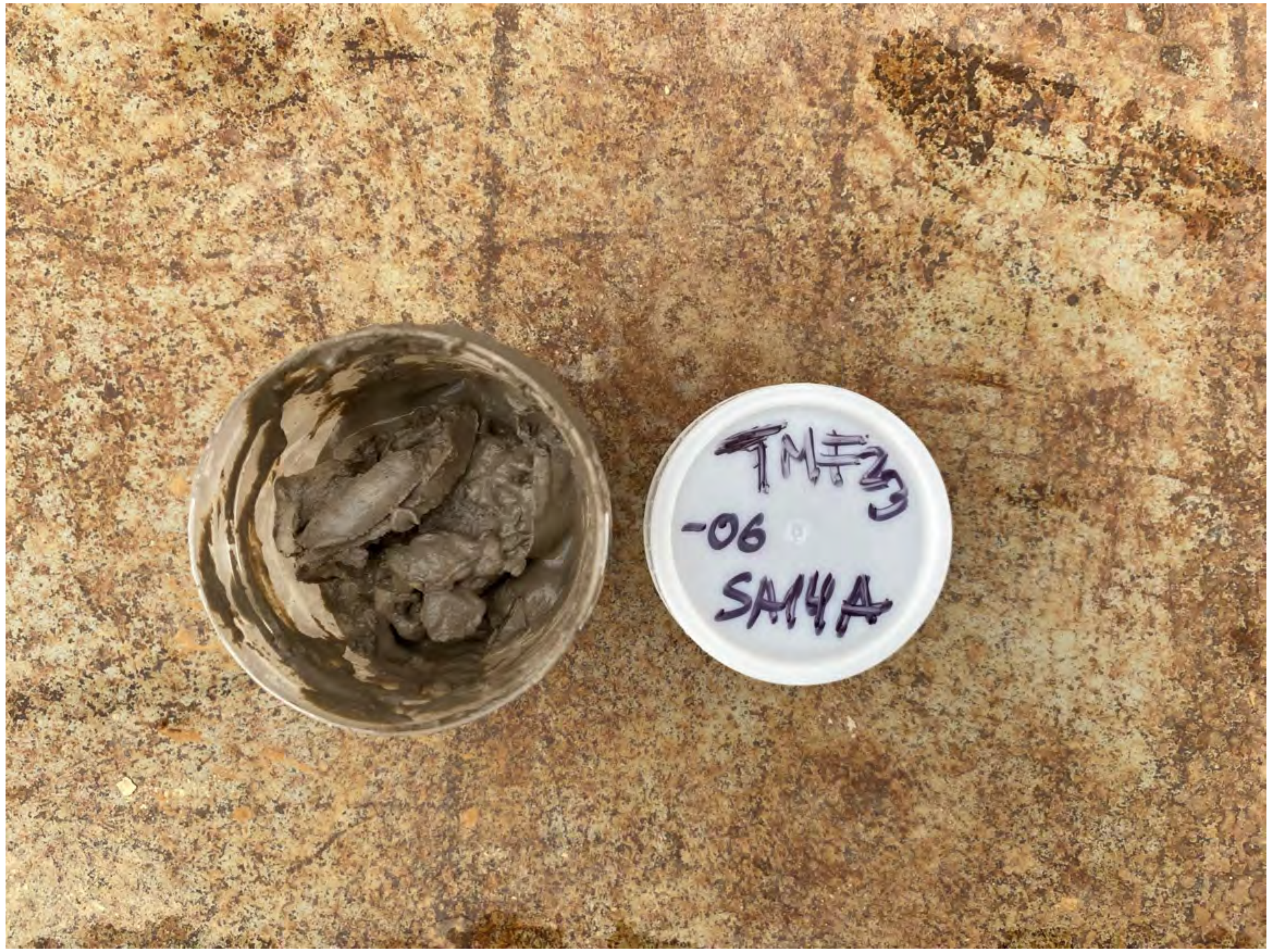


Photo 9: TMF23-06-SA14A

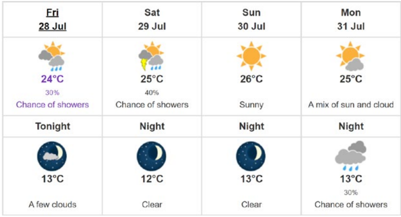
- No Photo

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: July 27, 2023 / Approved: AN / Photo Sheet: **6**

SRK Daily Report 027 – 2023 TOVP

Date:	July 28, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No OUT No		**Drillers (Paddock Drilling Ltd.)** Carl – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Danton – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 No OUT OUT No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** - **Wind**: 2-6 km/h **Min:** 12.0 °C **Max:** 15.1°C **Comment:** -	**Four Day Outlook:**
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		



Fri 28 Jul	Sat 29 Jul	Sun 30 Jul	Mon 31 Jul
24°C	25°C	26°C	25°C
30%	40%		
Chance of showers	Chance of showers	Sunny	A mix of sun and cloud
Tonight	Night	Night	Night
13°C	12°C	13°C	13°C
			30%
A few clouds	Clear	Clear	Chance of showers

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Additional anchors were secured to the barge, and clean-up efforts were carried out.
- It is anticipated that SRK Consulting Inc., Paddock Drilling Ltd., and Okane Consultants Ltd. will leave the site around noon.
- No further fieldwork was conducted.
- The TMF23-06 sample is positioned about 2.8 meters from the CPTu test.
- The barge, with casing down the hole, remained at the TMF23-06 location. It will be inspected during each shift change, twice daily.

SRK Daily Report 028 – 2023 TOVP

Date:	August 4, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**<u>Drillers (Paddock Drilling Ltd.)</u>**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				<u>CPT Technician (Schwartz Soil-Tech Inc.)</u>	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**<u>Today's Weather:</u>** **Morning:** Cloudy **Afternoon:** Cloudy periodic rain **Wind**: 4-11 km/h **Min:** 13 °C **Max:** 20 °C **Comment:** N/A	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 14:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- SRK and Paddock arrived on site at 12:00 PM.
- The Paddock crew had 3 members, one of which (Derek) was new and required training. His training was completed by approximately 1:45 PM.
- SRK and Paddock were on the Barge by 2:00 PM.
- Cody and Derek (Paddock) ferried additional AWJ drill steel from shore to the Barge via the support boat, while Danton (Paddock) performed maintenance on the drill.
- While performing maintenance, it was determined that the fuse that kept blowing during the prior shift was due to some loose wires connected to one of the emergency shutoffs. The wiring was repaired, and the fuse quit blowing.
- As a continuation of issues with the previous shift, the sampler was extending freely and not creating a vacuum seal. Paddock disassembled the sampler and made the necessary repairs.

- Orano located the piston sampler from the 2021 TOVP today, and it will be brought onto the barge tomorrow in case there are any more issues with the sampler currently being used.
- Prior to resuming drilling at TMF23-06, SRK checked the position of the barge to evaluate whether movement had occurred during the past week while no drilling occurred. SRK determined the barge had moved approximately 0.4m, which was substantiated by the drill steel being pressed against the barge. To remedy the issue, paddock pulled on anchors to realign the barge over the hole.
- As per Daily Report 26 from July 27th, TMF23-06 SA14 only had 62% recovery. Therefore, a second sample is required to be taken near the proposed depth of SA14 (herein referred to as SA14B). To facilitate this sample, the drill casing was advanced 0.6m before sampling was attempted. Additional details are provided in the Daily Drilling Progress table.
- Figure 1 shows the status and location each boring in a plan view.

Plan for Tomorrow:

- Complete TMF23-06, move to TMF23-02, and begin sampling.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	▪ N/A

Notes:

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
N/A	N/A	N/A	N/A	N/A	N/A	▪ N/A

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-06	16:45	17:00	0.25	In Progress	▪ The casing was only advanced 0.6 m to facilitate collection of SA14B. While sending the AWJ rods and the sampler downhole to retrieve SA14B, the AWJ rods were dropped. The rods fell downhole at 17:00, and Paddock was able to retrieve the sampler and the fallen AWJ rods by 18:00. As a result of the dropped rods, no samples were retrieved.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Tentative Program Schedule

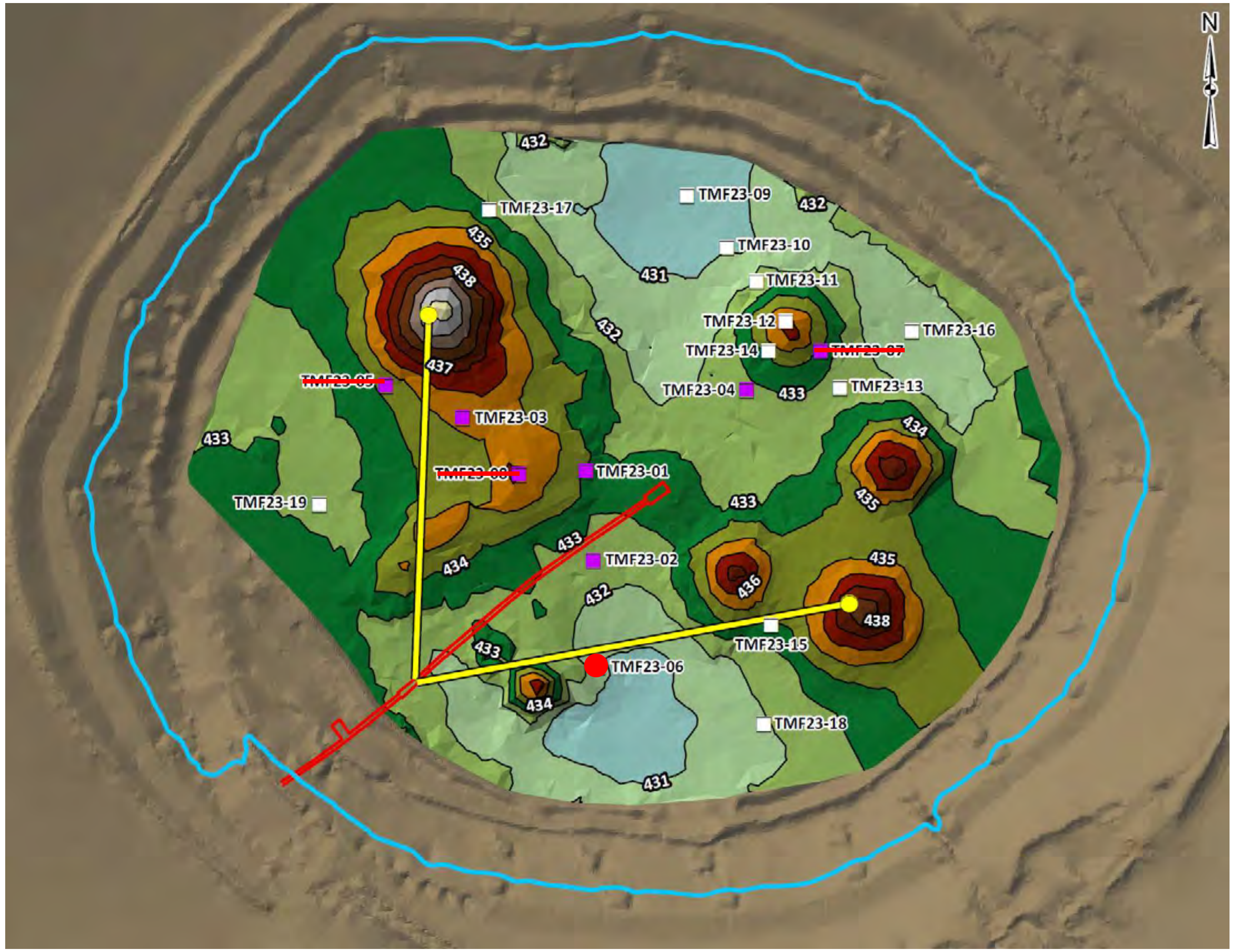
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X

Date [1]	Location ID	Geochemical	Geotechnical
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	X
8/5/2023	TMF23-06	X	X
8/5/2023	TMF23-02	X	X
8/6/2023	TMF23-02	X	X
8/7/2023	TMF23-02	X	X
8/8/2023	TMF23-02	X	X
8/10/2023	TMF23-01	X	X
8/11/2023	TMF23-01	X	X
8/12/2023	TMF23-01	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-04	X	X
8/15/2023	TMF23-04	X	X
8/16/2023	TMF23-04	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the drill was broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Incomplete
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
TMF23-06	In-Progress
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

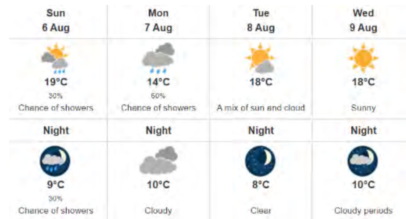
Date:	Approved:	Figure:
August 04, 2023	AL	1

SRK Daily Report 029 – 2023 TOVP

Date:	August 5, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill				
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

Today's Weather:
Morning: Cloudy with periodic rain
Afternoon: Mainly sunny
Wind: 5-29 km/h
Min: 15 °C **Max:** 22 °C
Comment: N/A

Four Day Outlook:



SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks. Reviewed travel to the TMF procedures.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- TMF23-06 was completed at approximately 5:00 PM.
- A total of 9.02m was drilled and 5 samples were collected today. See the following tables for additional details.
- At the end of the day, Paddock attempted to disassemble the sampler Orano had recently shipped to site. See Photo 6. It Is SRK's understanding that this sampler was used in 2021.
- The sampler could not be taken apart because the connections were too rusty. Paddock and SRK brought the sampler back to the Mill and requested that mill maintenance staff look at disassembling the sampler so that it can be cleaned and put back together.
- Figure 1 shows the status and location each boring in a plan view.
- The current position of the drill within the TMF is shown in Photo 7.

Plan for Tomorrow:

- Move to TMF23-02 and begin sampling.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	▪ N/A

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-06	06:45	12:00	5.25	In-Progress	▪ 4 samples were collected before lunch. Drilled from 54.08 to 60.80 for a total length of 6.72m.
	13:15	17:00	3.75	Complete	▪ 2 samples were collected (SA17A and SA17B). Drilled from 60.80 to 63.10 for a total length of 2.3m

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-06	SA14B	Geochem	392.10	54.08	100%	▪ Sample collected at 7:30AM. ▪ Sample consisted of a grey, silty material. See Photo 1.
TMF23-06	SA15	Geochem	389.80	56.38	69%	▪ Sample collected at 8:30 AM. ▪ Blow-up incurred while sending the AWJ rods downhole prevented the sample from being taken at the target depth, and therefore the sample was taken 0.09m from the target. ▪ Sampler did not fully extend while downhole, which limited the recovery of the sample.

						▪ Sample was similar to SA14B and consisted of a grey silty material. See Photo 2.
TMF23-06	SA16	Geochem	386.71	59.47	79%	▪ Sample collected at 10:30 AM. ▪ Issues with blowback (borehole stability) made collecting the sample at the target depth challenging and slowed the sampling process. ▪ Sample material appears to be consistent with SA14B and SA15, consisting of a grey silty material. See Photo 3.
TMF23-06	SA-GT-03	Geotech	386.10	60.8	58%	▪ Sample collected at 11:30 AM ▪ No subsample collected so cannot comment on material type. ▪ Low recovery accepted by SRK since porewater extraction is not a requirement for geotechnical testing.
TMF23-06	SA17A	Geochem	383.67	62.49	59%	▪ Sample was collected at 2:30 PM ▪ Borehole instability made collecting the sample at the target depth challenging again and prolonged the drilling process. ▪ Due to low sample recovery, a second sample at this location was requested. ▪ Subsample suggested the material was more a clayey silt and had more plasticity than previous samples. Water content of the sample was also substantially lower. See Photo 4.
TMF23-06	SA17B	Geochem	383.06	63.1	51%	▪ Sample collected at 3:30 PM. ▪ The subsample indicates that the part B of SA17 is a different material than part A. Part B appeared to be a light brown silt as opposed to the dark grey clayey silt found just above with sample SA17A. See Photo 5.

Notes:

Tentative Program Schedule

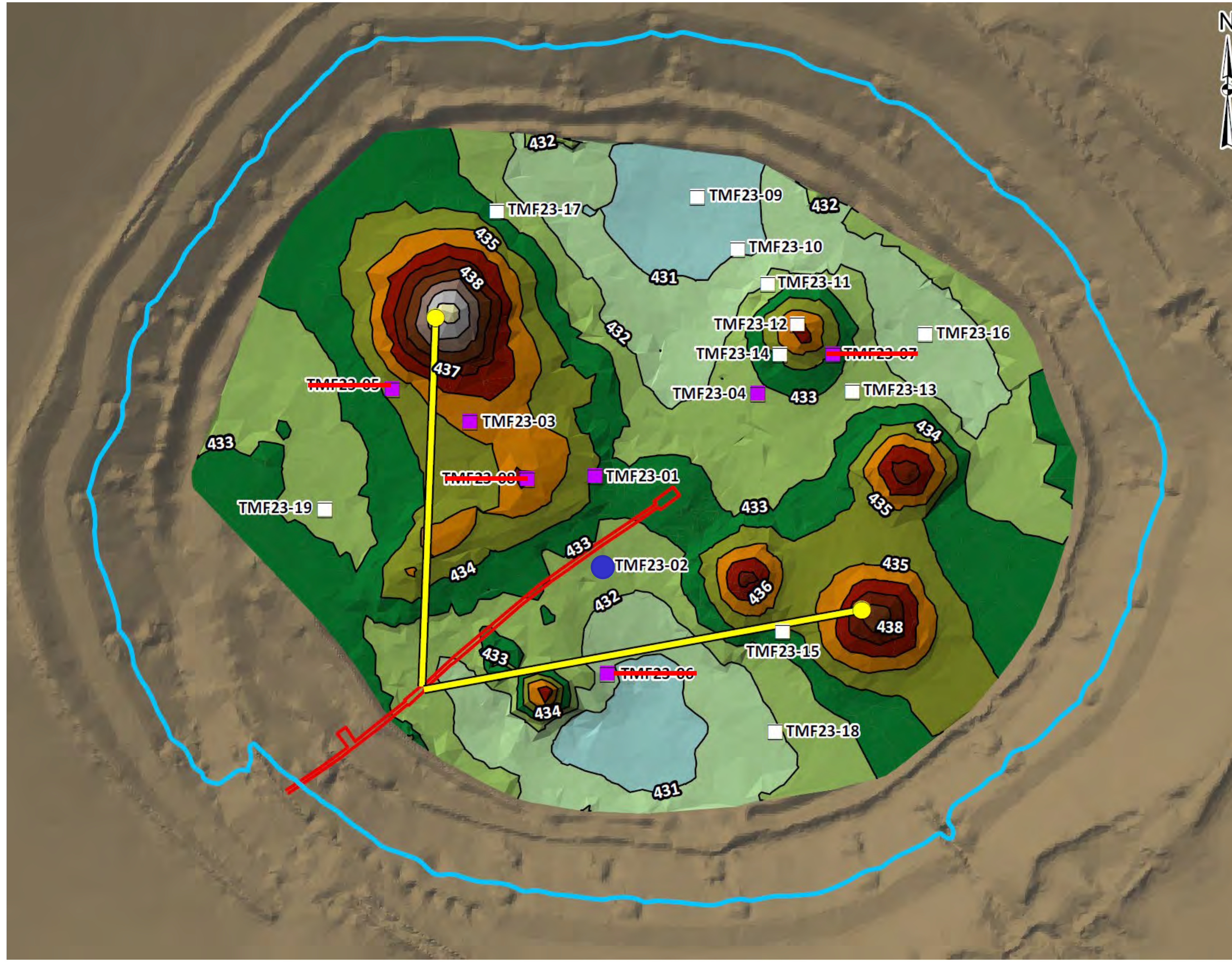
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	X
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	X
8/7/2023	TMF23-02	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/8/2023	TMF23-02	X	X
8/10/2023	TMF23-02	X	X
8/11/2023	TMF23-01	X	X
8/12/2023	TMF23-01	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-02	X	X
8/15/2023	TMF23-04	X	X
8/16/2023	TMF23-04	X	X
8/17/2023	TMF23-04	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	Planned for tomorrow
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~In-Progress~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 05, 2023	AL	1

Photo 1: Subsample collected from TMF23-06-SA14B. Material is a dark grey silt with little to no plasticity.

Photo 2: Subsample collected from TMF23-06-SA15. Material is similar to SA14B and consists of a dark grey silt with little to no plasticity.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 5, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Subsample collected from TMF23-06-SA16. Material is a dark grey silt with little to no plasticity (similar to SA14B and SA15).

Photo 4: Subsample collected from TMF23-06-SA17A. Material is a clayey silt, has some plasticity, and can be rolled into 3mm threads. Insitu moisture content of the material also appears to be lower than previous subsamples collected.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 5, 2023	Approved: AL	Photo Sheet: 2

Photo 5: Subsample collected from TMF23-06-SA17B. Material is different than SA17A and is a light brown silt material with no plasticity.

Photo 6: Paddock attempting to disassemble the alternate GUS piston sampler that was recently shipped to site. It Is SRK's understanding that this sampler was used in 2021.

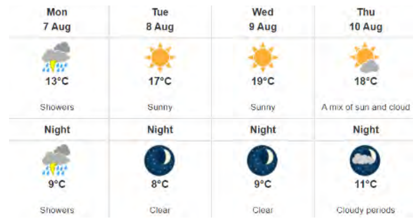
srk consulting	orano	**2023 TOVP Program**
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: August 5, 2023 · Approved: AL · Photo Sheet: 3

Photo 7: Current position of the drill in the TMF. Looking northwest.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 5, 2023 / Approved: AL / Photo Sheet: 4

SRK Daily Report 030 – 2023 TOVP

<table>
<tr><td>Date:</td><td colspan="2">August 6, 2023</td><td>Project Number:</td><td colspan="2">CAPR002676</td></tr>
<tr><td rowspan="2">SRK Representative(s):</td><td>Personnel – Position</td><td>On Site</td><td rowspan="2">Drilling Crew:</td><td>Personnel – Position</td><td>On Site</td></tr>
<tr><td>Erik Ketilson – Project Reviewer
Adam Leik – Project Manager
Anton Novikov – Field Lead
Bryce Marcotte – Consultant</td><td>No
Yes
No
No</td><td><u>Drillers (Paddock Drilling Ltd.)</u>
Danton – Lead Driller (Paddock Drilling Ltd.)
Cody – Drill Hand (Paddock Drilling Ltd.)
Derek – Drill Hand (Paddock Drilling Ltd.)
<u>CPT Technician (Schwartz Soil-Tech Inc.)</u>
Bill Schwartz – CPT Operator</td><td>
Yes
Yes
Yes

No</td></tr>
<tr><td>Orano Distribution List:</td><td colspan="3">Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill</td><td rowspan="2"><u>Today's Weather:</u>
Morning: Cloudy with periodic rain
Afternoon: Mainly sunny
Wind: 4-23 with gusts up to 40 km/h
Min: 14 °C Max: 20 °C
Comment: High winds created a delay from 3:00 PM to 4:00 PM.</td><td rowspan="2">Four Day Outlook:

</td></tr>
<tr><td>SRK Distribution List:</td><td colspan="3">Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov</td></tr>
</table>

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks. Reviewed thunderstorm protocol.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Drilling at TMF23-02 began today at 9:00 AM after moving the barge.
- A total of 20.1 m (through tailings) was drilled, and 7 samples were collected today. See the following tables for additional details.
- At the end of the day, Paddock disassembled the sampler that has been used throughout the 2023 TOVP. The sampler appeared to be no longer creating a seal with the tube and was permitting tailings to get above the piston seal. See Photos 7 and 8.
- A geotechnical sample was attempted between SA07 and SA08; however, no recovery was made on the attempt. SRK decided to abandon the sample and pursue another sample at a different depth.
- High winds began at 3:00 PM and persisted until approximately 4:00 PM. During this time, drilling was stopped, and additional rope was used to tie the drill barge off to the deposition barge.
- Figure 1 shows the status and location each boring in a plan view.
- The current position of the drill within the TMF is shown in Photo 9.

Plan for Tomorrow:

- Continue sampling at TMF23-02.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
6:30	TMF23-06	TMF23-02	2.5	▪ TMF23-02 is located immediately adjacent to the deposition barge. Getting the drill barge into position without contacting the deposition barge was challenging, but ultimately achieved. The barge was positioned within 3m of the proposed sample location.

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-02	9:00	12:15	3.25	In-Progress	▪ 5 samples were collected before lunch. Drilled from 0.0 to 30.61 m (16.77 m into tailings) for a total length of 30.61m.
	13:45	17:00	2.25	Complete	▪ 2 samples were collected. Drilled from 30.61 to 33.94 for a total length of 3.33 m. ▪ Drilling was stopped between 15:00 and 16:00 due to weather (high winds). ▪ Drilling was stopped at 17:00 PM to disassemble the piston sampler and trouble shoot a potential water pump issue on the drill.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-02	SA02	Shelby	429.98	2.4	100%	▪ Sample collected at 9:45 AM ▪ Initial sample attempt had 0% recovery; therefore a second attempt was made 0.6m below the target elevation. The second attempt was successful. ▪ Brown, clayey silt material. See Photo 1.
TMF23-02	SA03	Shelby	427.58	4.8	100%	▪ Sample collected at 10:20 AM. ▪ Sample was similar to SA02 and consisted of a brown, clayey silt material. See Photo 2.
TMF23-02	SA04	Shelby	424.58	7.8	100%	▪ Sample collected at 10:50 AM ▪ Dark gray, clayey silt, higher plasticity than SA02 and SA03. Sample was firmer. See Photo 3.
TMF23-02	SA05	Shelby	421.58	10.8	100%	▪ Sample collected at 11:40 AM ▪ Light brown, firm, silt with trace clay. See Photo 4.
TMF23-02	SA06	Shelby	418.58	13.8	100%	▪ Sample was collected at 12:15 PM ▪ Similar to SA05, light brow silt with trace clay. See Photo 5.
TMF23-02	SA07	Shelby	415.61	16.77	92%	▪ Sample collected at 2:15 PM. ▪ Light brown, silty sand, no plasticity. See Photo 6.
TMF23-02	SA08A	Shelby	412.28	20.1	43%	▪ Sample recovered at 5:00 PM ▪ A subsample could not be taken due to the poor recovery of the sample (material was too deep in the Shelby tube. ▪ A second sample will need to be taken at 0.6m below the proposed sample depth. ▪ Issues with blowback made getting the sampler to the target depth challenging. ▪ After removing the tube from the sampler at surface, it was apparent that material was getting past the piston seal, and impacting the vacuum created by the sampler. See Photo 7.

Notes:

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	X
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	X
8/7/2023	TMF23-02	X	X

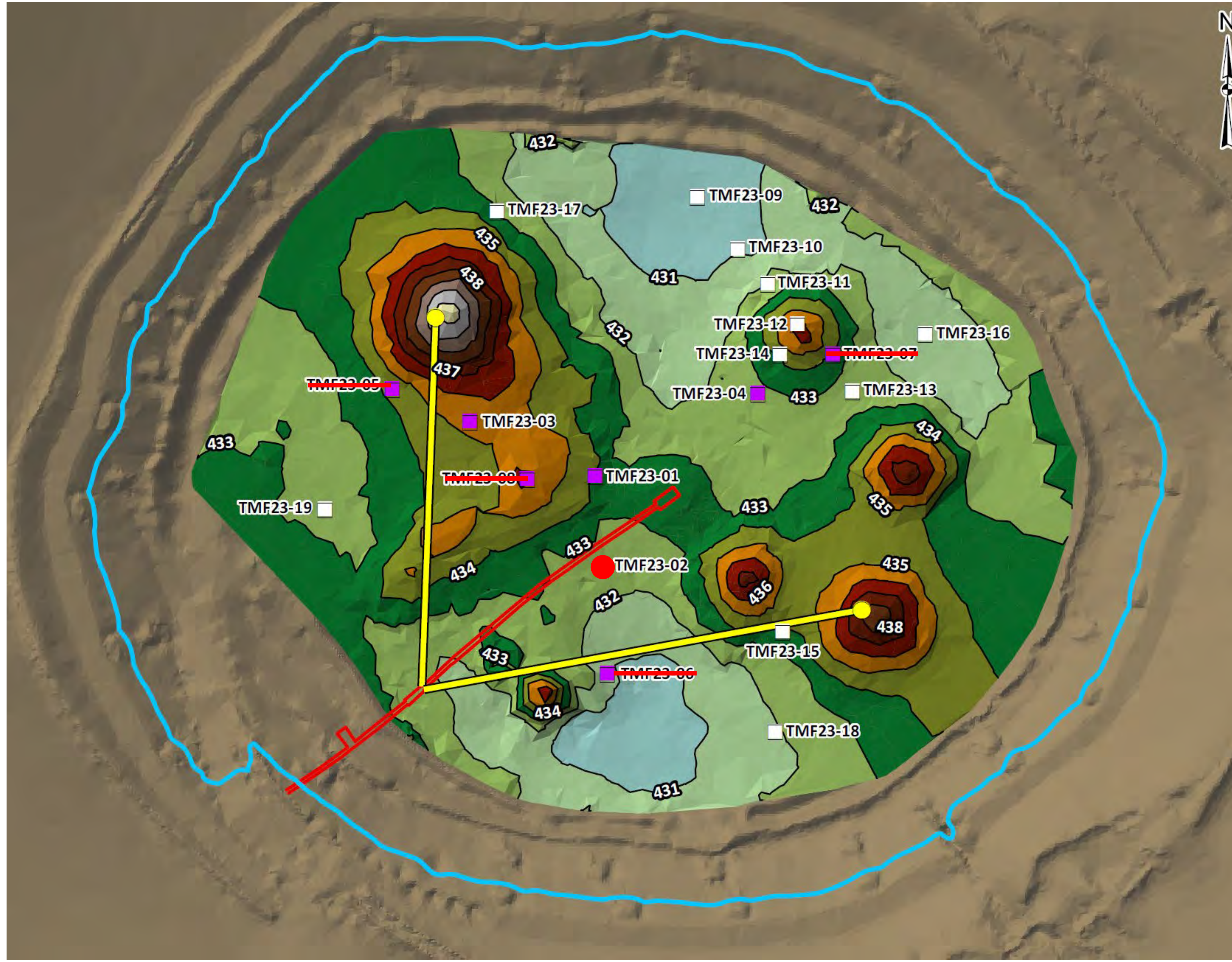
Date [1]	Location ID	Geochemical	Geotechnical
8/8/2023	TMF23-02	X	X
8/10/2023	TMF23-02	X	X
8/11/2023	TMF23-01	X	X
8/12/2023	TMF23-01	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-04	X	X
8/16/2023	TMF23-04	X	X
8/17/2023	TMF23-04	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program

Hole ID	Status
TMF23-01	Incomplete
TMF23-02	**In progress**
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~In-Progress~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 05, 2023	AL	1

Photo 1: Subsample collected from TMF23-02-SA02. Material is a brown clayey silt with low plasticity. Material is very loose.

Photo 2: Subsample collected from TMF23-02-SA03. Material is similar to SA02 and consists of a brown clayey silt with low plasticity. Like SA02, the material is very loose.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 6, 2023 / Approved: AL / Photo Sheet: 1

Photo 3: Subsample collected from TMF23-02-SA04. Material is a dark grey silt with more plasticity than SA02 and SA03. The material is also much firmer than the previous two samples.

Photo 4: Subsample collected from TMF23-02-SA05. Material is a light brown silt with trace clay. Low to medium plasticity. Sample is approximately as firm as SA04.

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: August 6, 2023 | Approved: AL | Photo Sheet: 2

Photo 5: Subsample collected from TMF23-02-SA06. Material is similar to SA05. Light brown silt with trace clay. Low to medium plasticity.

Photo 6: Subsample collected from TMF23-02-SA07. Material is a light brown sandy silt with no plasticity.

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: August 6, 2023 / Approved: AL / Photo Sheet: 3

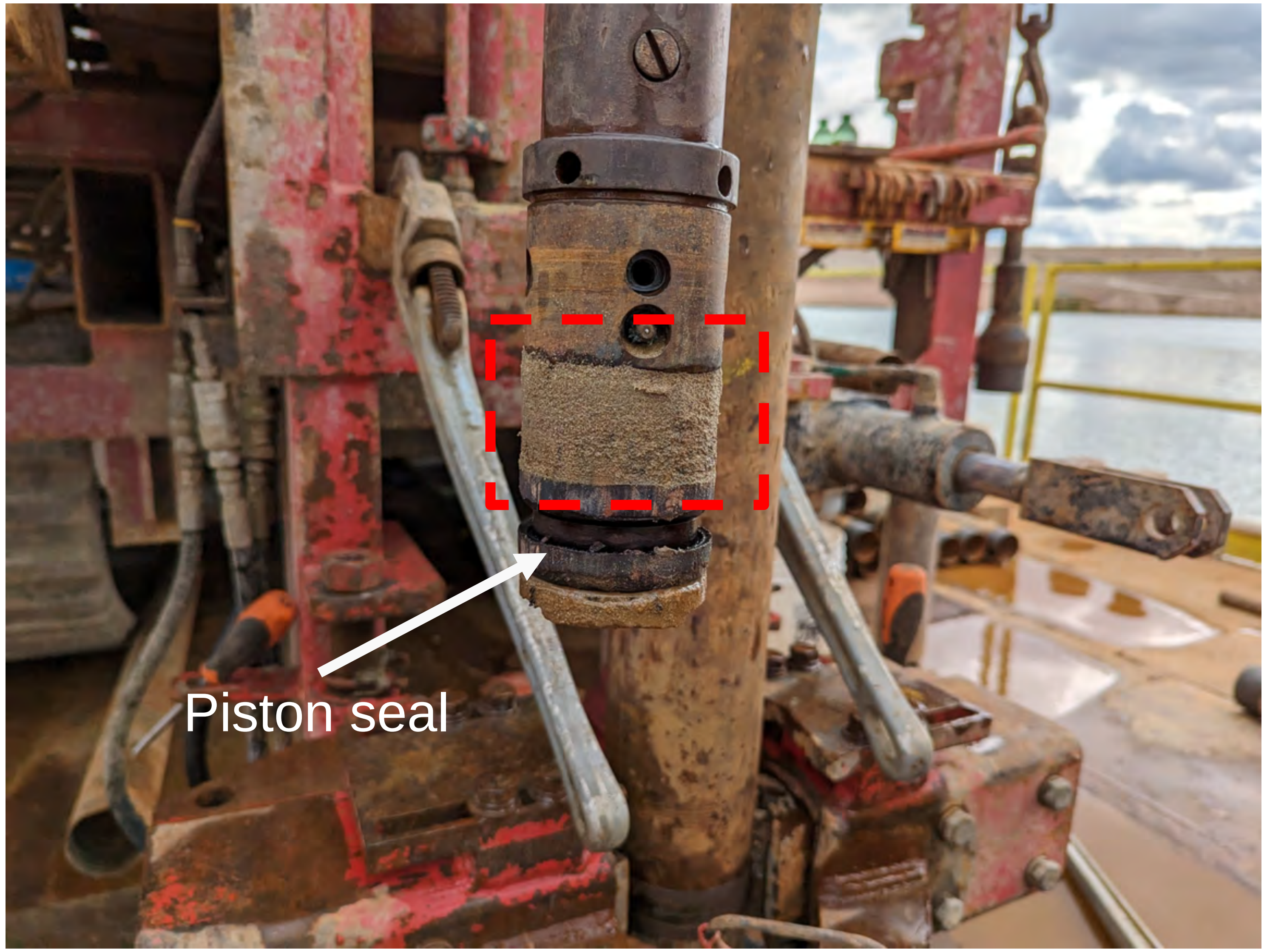


Photo 7: Piston sampler with tailings trapped above where the piston seal contacts the Shelby tube.

Photo 8: Paddock replacing the piston sampler's seals to try and prevent material from escaping up the sampler past the piston seal.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 6, 2023	Approved: AL	Photo Sheet: 4

Photo 9: Current position of the drill in the TMF (TMF23-02). Looking northwest.

srk consulting	orano
Project No: CAPR002676	
Location: McClean Lake	

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
August 6, 2023	AL	5

SRK Daily Report 031 – 2023 TOVP

Date:	August 7, 2023		**Project Number:**	CAPR002676

	Personnel – Position	On Site		Personnel – Position	On Site
SRK Representative(s):	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No Yes No No	**Drilling Crew:**	**Drillers (Paddock Drilling Ltd.)** Danton – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Derek – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 Yes Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Cloudy with periodic rain **Afternoon:** Mainly sunny **Wind**: 3-18 with gusts up to 32 km/h **Min:** 6 °C **Max:** 14 °C **Comment:** N/A	**Four Day Outlook:**
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Prior to beginning drilling, Paddock checked all the seals on the drill's pump. No issues/concerns were found.
- Drilling at TMF23-02 continued.
- A total of 15.17m m (through tailings) was drilled, and 8 samples were collected today. See the following tables for additional details.
- All samples collected today were a similar consistency, and were comprised of a brown, non-plastic, coarse sand.
- On two different occasions, two attempts were required to collect enough sample for geochemical testing. To date, this has occurred 3 times on this hole. Additional details are provided in the following tables.
- After taking the second last sample today (SA13A), the drill rods locked-up and were unable to rotate. The rods were retreated, and mud was pumped downhole until the rods could be rotated again. After taking the last sample of the day (SA13B), the rods again were locked and unable to rotate. Paddock once again retreated the casing, only this time 30ft of casing was removed from downhole to mitigate the risk of the drill casing getting stuck in the ground while left in the ground overnight.

- It is suspected that the coarse sands located at depth at TMF23-02 are collapsing around the drill casing while taking the sampler in and out of the hole. It is likely that the problem will persist, and potentially become worse if the material stays consistent for the remaining 90ft to be drilled at this hole.
- Figure 1 shows the status and location each boring in a plan view.

Plan for Tomorrow:

- Continue sampling at TMF23-02.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	▪ N/A

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-02	7:00	11:30	4.5	In-Progress	▪ 4 samples were collected before lunch. Drilled from 20.1m to 28.58m (below tailings surface) for a total of 8.48 m.
	13:15	18:00	4.75	In-Progress	▪ 4 samples were collected in the afternoon. Drilling was completed from 28.58 to 28.58 to 35.27 for a total length of 6.69 m.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-02	TMF23-02-SA08B	Shelby	411.68	20.70	96%	▪ Sample collected at 7:35 AM ▪ Brown, non-plastic, coarse sand. See Photo 1.
TMF23-02	TMF23-02-SA09A	Shelby	409.42	22.76	18%	▪ Sample collected at 8:40 AM. ▪ Sample taken 0.1m above target depth due to instability at the base of the borehole (blow-up). ▪ No subsample collected due to insufficient sample volume (sample was too far down in the tube to reach). ▪ Brown, non-plastic, coarse sand.
TMF23-02	TMF23-02-SA9B	Shelby	408.80	23.38	96%	▪ Sample collected at 9:45 AM ▪ Brown, non-plastic, coarse sand. See Photo 2.
TMF23-02	TMF23-02-SA10	Shelby	406.45	25.94	96%	▪ Sample collected at 11:15 AM ▪ Instability at base of the borehole made achieving an open hole at the target depth challenging and extended time to take the sample. ▪ Brown, non-plastic, coarse sand. See Photo 3.
TMF23-02	TMF23-02-SA011	Shelby	403.80	28.58	96%	▪ Sample collected at 2:20 PM ▪ Issues with borehole instability persisted and made sample collection difficult. ▪ Brown, non-plastic, coarse sand. Material was at a lower insitu moisture content than previously collected samples. See Photo 4.
TMF23-02	TMF23-02-SA12	Shelby	400.58	31.81	71%	▪ Sample collected at 3:30 PM. ▪ Minimal subsample collected. Sample was 13" from the top of the tube and could not be reached. If additional subsample is required, it should be collected when the tube is extruded. ▪ Brown, non-plastic, coarse sand. See Photo 5.
TMF23-02	TMF23-02-SA13A	Shelby	397.71	34.67	16%	▪ Sample recovered at 4:40 PM ▪ No signs of malfunction were noted with the piston sampler. Reason for poor recovery assumed to be due to material type. ▪ Brown, non-plastic, coarse sand (evidence of sample type inferred from material left on piston sampler).
TMF23-02	TMF23-02-SA13B	Shelby	397.11	35.27	92%	▪ Sample recovered at 5:40 PM ▪ Brown, non-plastic, coarse sand. See Photo 6.

Notes:

Tentative Program Schedule

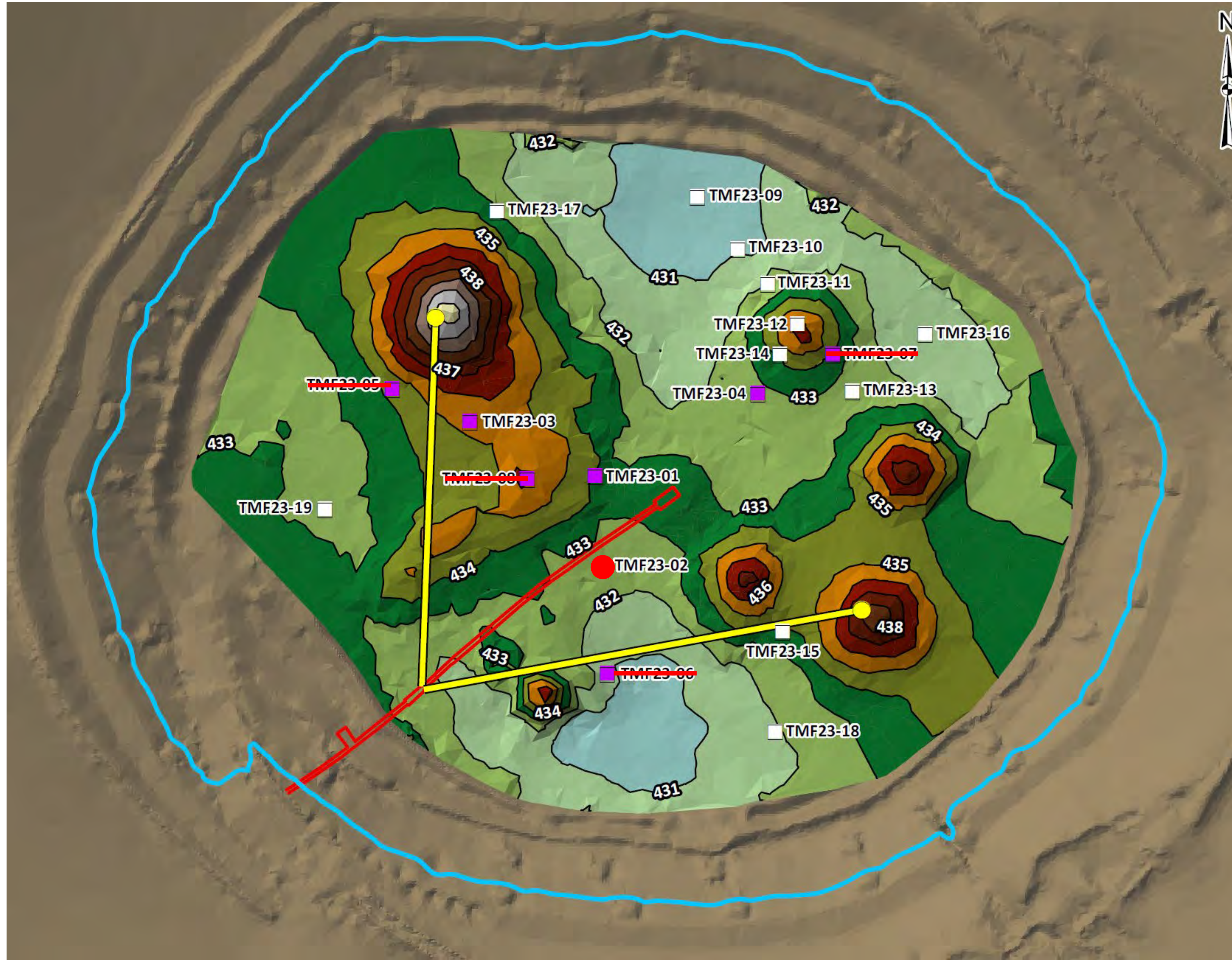
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	X
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	X
8/7/2023	TMF23-02	X	X
8/8/2023	TMF23-02	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	X
8/10/2023	TMF23-01	X	X
8/11/2023	TMF23-01	X	X
8/12/2023	TMF23-01	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-04	X	X
8/15/2023	TMF23-04	X	X
8/16/2023	TMF23-04	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	**In progress**
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~In-Progress~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

2023 TOVP Program

Daily Report
Figure and Photos

Project No: CAPR002676	Date: August 7, 2023	Approved: AL	Figure: 1
Location: McClean Lake			

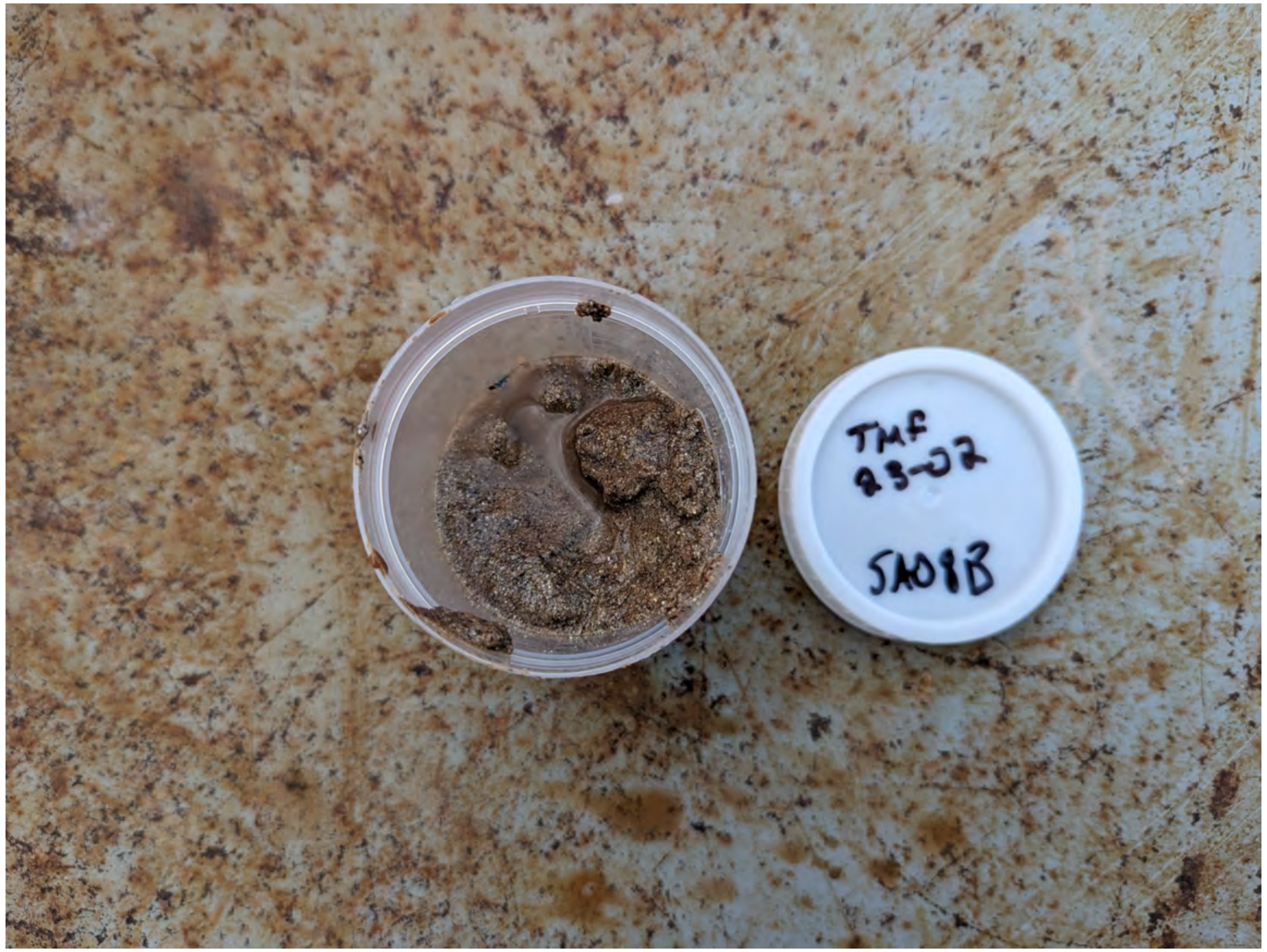


Photo 1: Subsample collected from TMF23-02-SA08B. Brown, non-plastic, coarse sand.

Photo 2: Subsample collected from TMF23-02-SA09B. Brown, non-plastic, coarse sand.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 7, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Subsample collected from TMF23-02-SA10. Brown, non-plastic, coarse sand.

Photo 4: Subsample collected from TMF23-02-SA11. Brown, non-plastic, coarse sand.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 7, 2023 / Approved: AL / Photo Sheet: 2

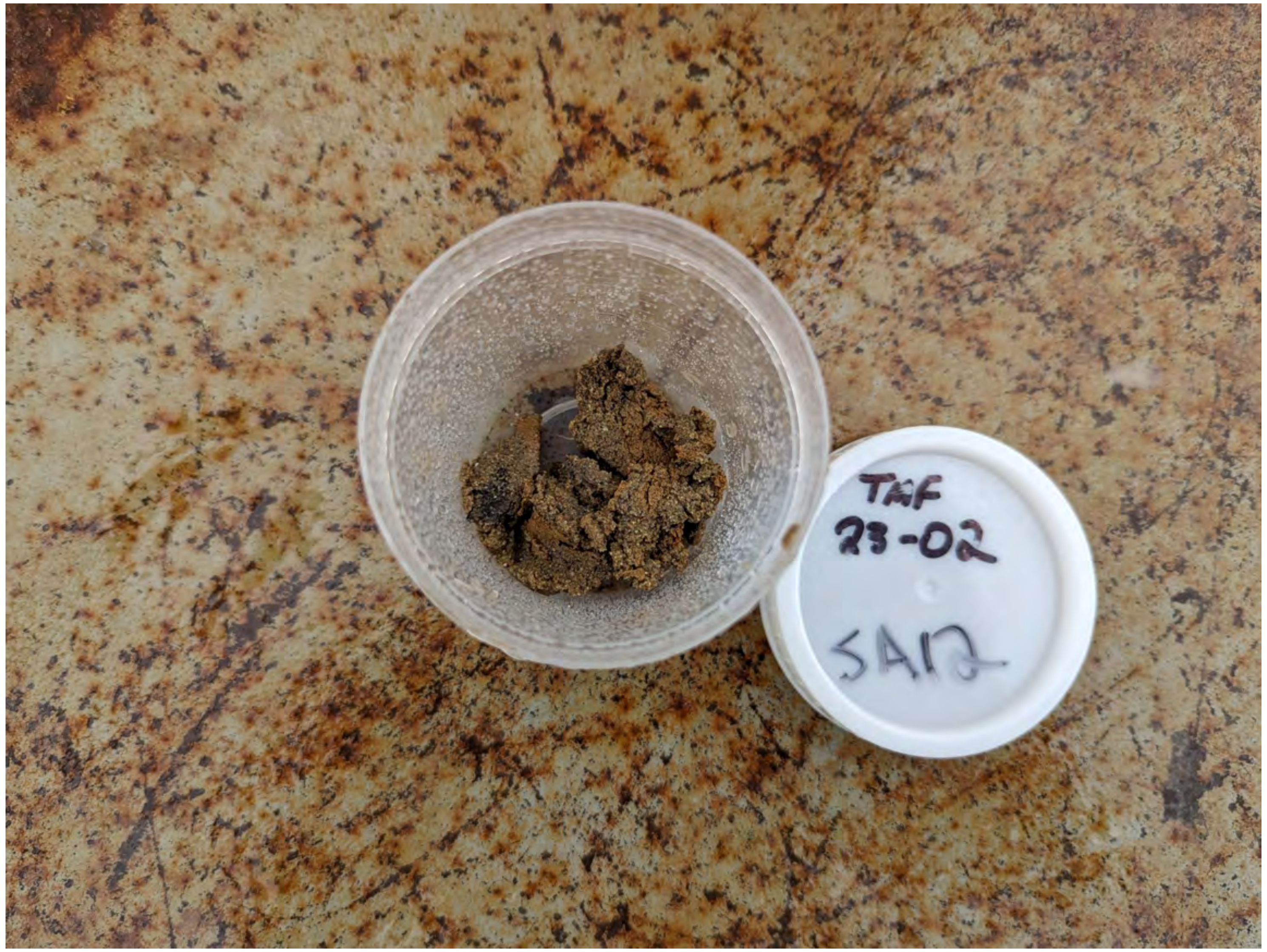


Photo 5: Subsample collected from TMF23-02-SA12. Brown, non-plastic, coarse sand. As shown, material was at a much lower insitu moisture content other samples collected.

Photo 6: Subsample collected from TMF23-02-SA13B. Brown, non-plastic, coarse sand.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 7, 2023 / Approved: AL / Photo Sheet: 3

SRK Daily Report 032 – 2023 TOVP

Date:	August 8, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Mainly sunny **Afternoon:** Mainly sunny **Wind**: 4 – 10 km/h **Min:** 10 °C **Max:** 17 °C **Comment:** N/A
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Drilling at TMF23-02 continued.
- Prior to advancing to a new depth, the 30 ft of casing that was removed at the end of the day yesterday needed to be redrilled.
- A total of 11.0 m (through tailings) was drilled, and 6 samples were collected today. In general, obtaining sufficient recovery of the samples was a major issue today. See the following tables for additional details.
- Figure 1 shows the status and location each boring in a plan view.

Plan for Tomorrow:

- Complete sampling at TMF23-02.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	▪ N/A

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-02	6:45	12:15	5.5	In-Progress	▪ 3 samples were collected before lunch. Drilled from 35.27m to 42.98m (below tailings surface) for a total of 7.71 m.
	1:45	6:00	4.25	In-Progress	▪ 3 samples were collected in the afternoon. Drilling was completed from 42.98m to 46.27m (below tailings surface) for a total length of 3.29 m.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-02	TMF23-02-SA014	Shelby	393.70	38.68	88%	▪ First attempt to collect sample produced 0% recovery. ▪ After recovering 0%, the sampler was disassembled, cleaned, and put back together. ▪ The second attempt collected a sample at 9:30 AM ▪ Firm, grey silty sand, with a lower-than-normal insitu moisture content. See Photo 1.
TMF23-02	TMF23-02-SA15	Shelby	392.14	40.24	69%	▪ Sample collected at 10:40 AM. ▪ Due to poor recovery, a subsample was not taken to maximize the material available for porewater extraction. SRK communicated this to Orano personnel, and they will take a subsample for PSD analysis after the porewater is extracted. ▪ Based on the material observed from the top of the tube, the sample is a brown, non-plastic, coarse sand.

TMF23-02	TMF23-02-SA16A	Shelby	389.40	42.98	25%	▪ Sample collected at 12:05 PM. ▪ Due to poor recovery, a subsample could not be collected and will need to be taken when the tube is extruded. ▪ Based on the material observed from the top of the tube, the sample is a brown, non-plastic, coarse sand.
TMF23-02	TMF23-02-SA16B	Shelby	388.80	43.58	92%	▪ Two attempts were made to collect sample 16B. The first attempt resulted in the piston sampler not fully extending. ▪ It was suspected that the sandy tailings “jammed” the sampler and wouldn’t allow it to extend, despite 300 psi water pressure (max output form the rig) being sent to the sampler. ▪ After pulling the sampler to surface, it was disassembled and cleaned thoroughly before the second attempt. See Photos 2 and 3. ▪ The second attempt collected a sample at 4:10 PM. ▪ Sample consists of a brown, non-plastic, coarse sand. See Photo 4.
TMF23-02	TMF23-02-SA017A	Shelby	386.71	45.67	59%	▪ Sample collected at 4:55 PM. ▪ Poor recovery necessitated a “part B” sample to obtain sufficient volume for Geochem testing. ▪ Brown, non-plastic, coarse sand. See Photo 5.
TMF23-02	TMF23-02-SA17B	Shelby	386.11	46.27	43%	▪ Sample collected at 6:00 PM. ▪ Once again, poor recovery, but combined with SA17A, there is enough solids for porewater extraction. ▪ Brown, non-plastic, coarse sand. See Photo 6.

Notes:

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X

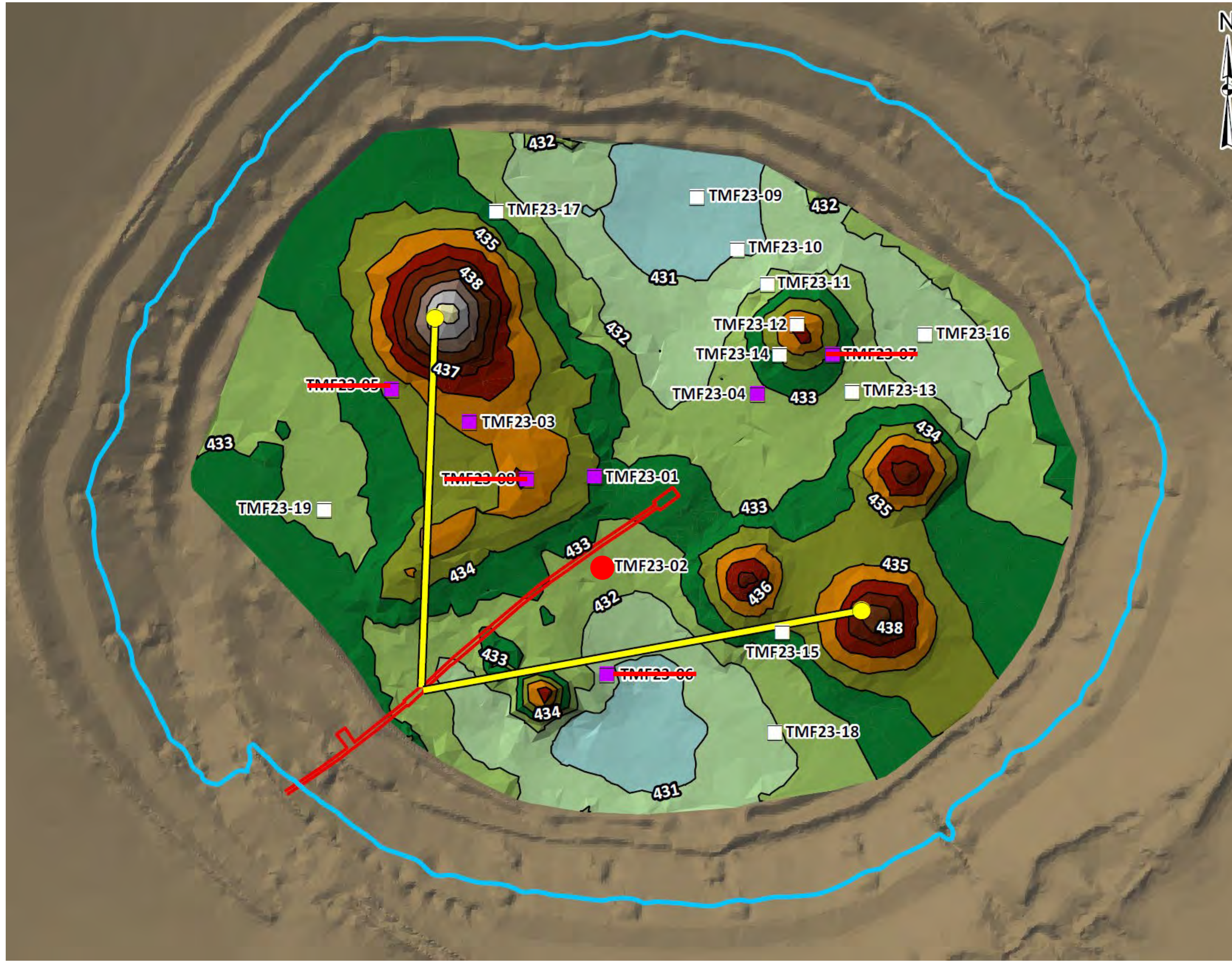
Date [1]	Location ID	Geochemical	Geotechnical
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	X
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	X
8/7/2023	TMF23-02	X	X
8/8/2023	TMF23-02	X	X
8/9/2023	TMF23-02	X	X
8/10/2023	TMF23-01	X	X
8/11/2023	TMF23-01	X	X
8/12/2023	TMF23-01	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-03	X	X
8/15/2023	TMF23-03	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	In progress
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~In-Progress~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 8, 2023	AL	1

Photo 1: Subsample collected from TMF23-02-SA14. Grey silty sand. Lower than normal insitu moisture content.

Photo 2: Paddock disassembling the sampler.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 8, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Paddock cleaning a component from the piston sampler.

Photo 4: Subsample collected from TMF23-02-SA16B. Brown, non-plastic, coarse sand.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 8, 2023	Approved: AL	Photo Sheet: 2

Photo 5: Subsample collected from TMF23-02-SA17A. Brown, non-plastic, coarse sand.

Photo 6: Subsample collected from TMF23-02-SA17B. Brown, non-plastic, coarse sand.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 8, 2023 · Approved: AL · Photo Sheet: 3

SRK Daily Report 033 – 2023 TOVP

Date:	August 9, 2023		Project Number:	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	Drilling Crew:	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No Yes No No		**Drillers (Paddock Drilling Ltd.)** Danton – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Derek – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 Yes Yes Yes No
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill		**Today's Weather:** **Morning:** Mainly sunny **Afternoon:** Mainly sunny **Wind**: 4 – 10 km/h **Min:** 8 °C **Max:** 10 °C **Comment:** N/A		**Four Day Outlook:**
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				

SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Drilling at TMF23-02 continued.
- Prior to resuming drilling, the sampler from 2018 (note that it was previously believed to be the sampler used in 2021, as per a previous job report) was disassembled with the intent of rebuilding it. This task was performed between 6:30 AM and 7:15 AM. See Photo 1.
  - While disassembling the sampler, a large amount of rust was removed (Photo 2), and the piston shaft was observed to be "pitted" in multiple locations (Photo 3). In addition, the locations for fittings were severely damaged from rust.
  - Considering these observations, rebuilding the sampler was abandoned as it was deemed unrepairable.
- Drilling progress was severely hampered by borehole instability at the base of the hole. On numerous occasions, the casing needed to be retreated, and the base of the hole flushed with material.
- In addition to borehole instability, obtaining sufficient sample recovery was also a major issue. See the following tables for additional details.

- Due to the issues with borehole stability and sample recovery, an alternate sampling technique is going to be attempted.
  - Paddock will drive to Prince Albert, SK in the morning on August 10th to retrieve a variety of 3” split spoon samplers and core catchers. Paddock left site to pick up the sampler as opposed to utilizing the Orano shipping system to expedite the materials to site.
  - The split-spoon sampler utilizes a drop hammer to drive a tube into the desired sampling depth and collect sample that way. A check valve on top of the sample barrel will prevent drill fluid from entering the sample during advancement of the sampler itself, and while bringing the sampler to surface inside the drill casing. A catch basket will be used to mitigate sample loss while bringing the sample to surface.
  - While the alternate sampling technique does not apply a suction over the sample, and relies on a catch basket to retain recovery, literature suggests that these samplers have had success in similar material on other sites. Based on the current sampling methodology’s efficacy, SRK made the decision to explore alternate drilling approaches.
- In addition to an alternative sampler, SRK reached out to a drilling mud specialist from Imdex Limited and received some advice on mud additives to improve the borehole stability and prevent the base of the hole from collapsing. With Orano’s approval, SRK arranged for some trial volumes of two different products to be sent to site. On August 11th, Imdex Limited will provide SRK with a custom mud recipe and a QA/QC procedure for mud mixing.
- A total of 7.01 m (through tailings) was drilled, and 2 samples were collected today.
- Figure 1 shows the status and location each boring in a plan view.

Plan for August 10th and 11th:

- Stand-by while the additional drilling supplies are shipped to site.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
-	-	-	-	N/A

Notes:

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-02	7:15	11:45	4.5	In-Progress	▪ As previously noted, sampling was severely delayed by borehole instability and poor recovery throughout the day. ▪ 1 sample was collected before lunch. Drilled from 46.27m to 50.59 (below tailings surface) for a total of 4.32m.
	1:15	5:00	4.25	In-Progress	▪ 1 sample were collected in the afternoon. Drilling was completed from 50.59 to 53.28m (below tailings surface) for a total length of 2.69 m.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-02	TMF23-02-SA18A	Shelby	381.79	50.59	65%	▪ Issues with blowup inside the casing made sample retrieval difficult. Sample attempt made at 10:30 AM. ▪ First attempt to collect sample produced 0% recovery. ▪ Following first attempt, hole was advanced 0.6m to make a second attempt. ▪ Sample attempt number two was brought to surface at 11:45 AM. ▪ Second attempt had poor recovery but was approved by Orano as acceptable. ▪ No subsample was taken to preserve material available for extruding porewater. Subsample needs to be taken after porewater extraction.
TMF23-02	TMF23-02-SA19A	Shelby	379.70	52.68	34%	▪ Approximately 7ft ahead of the sample elevation, material became significantly harder to drill. ▪ Issues maintaining borehole stability persisted. ▪ Sample collected at 3:00 PM. ▪ Based on the subsample, the material is a firm, grey, high plasticity silt. See Photo 4. ▪ Due to poor recovery, the hole was advanced 0.6m, and a second sampling attempt was made; however, it produced 0% recovery.

Notes:

Tentative Program Schedule

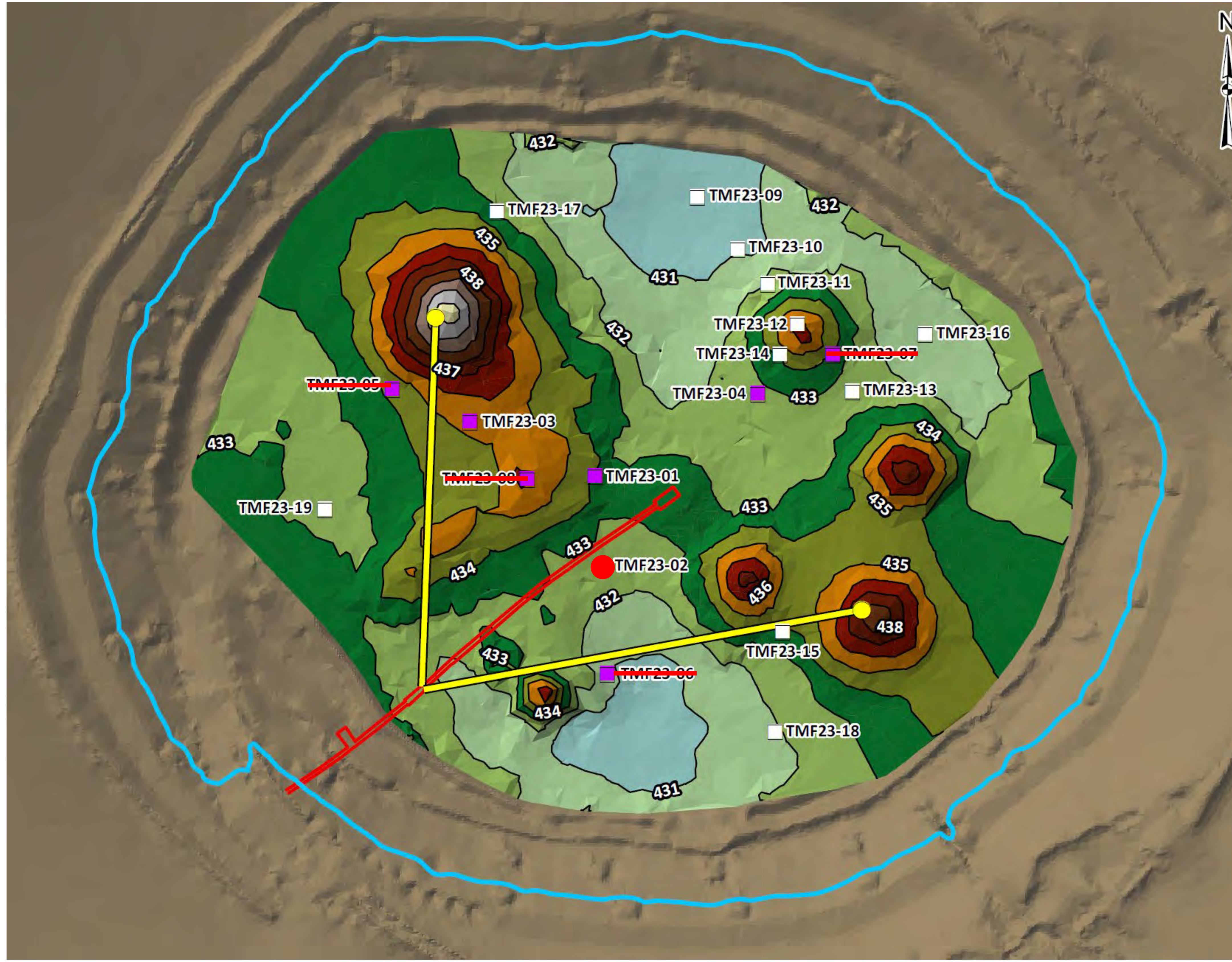
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-01	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	Incomplete
TMF23-02	**In progress**
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~In-Progress~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 9, 2023	AL	1

Photo 1: 2018 TOVP GUS piston sampler after removing outer housing.

Photo 2: Rust that fell out of the sampler while removing various components shown in main photo (inside red box). Sub photo shows Paddock using a wire brush to try and clean fitting.

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
August 9, 2023	AL	1

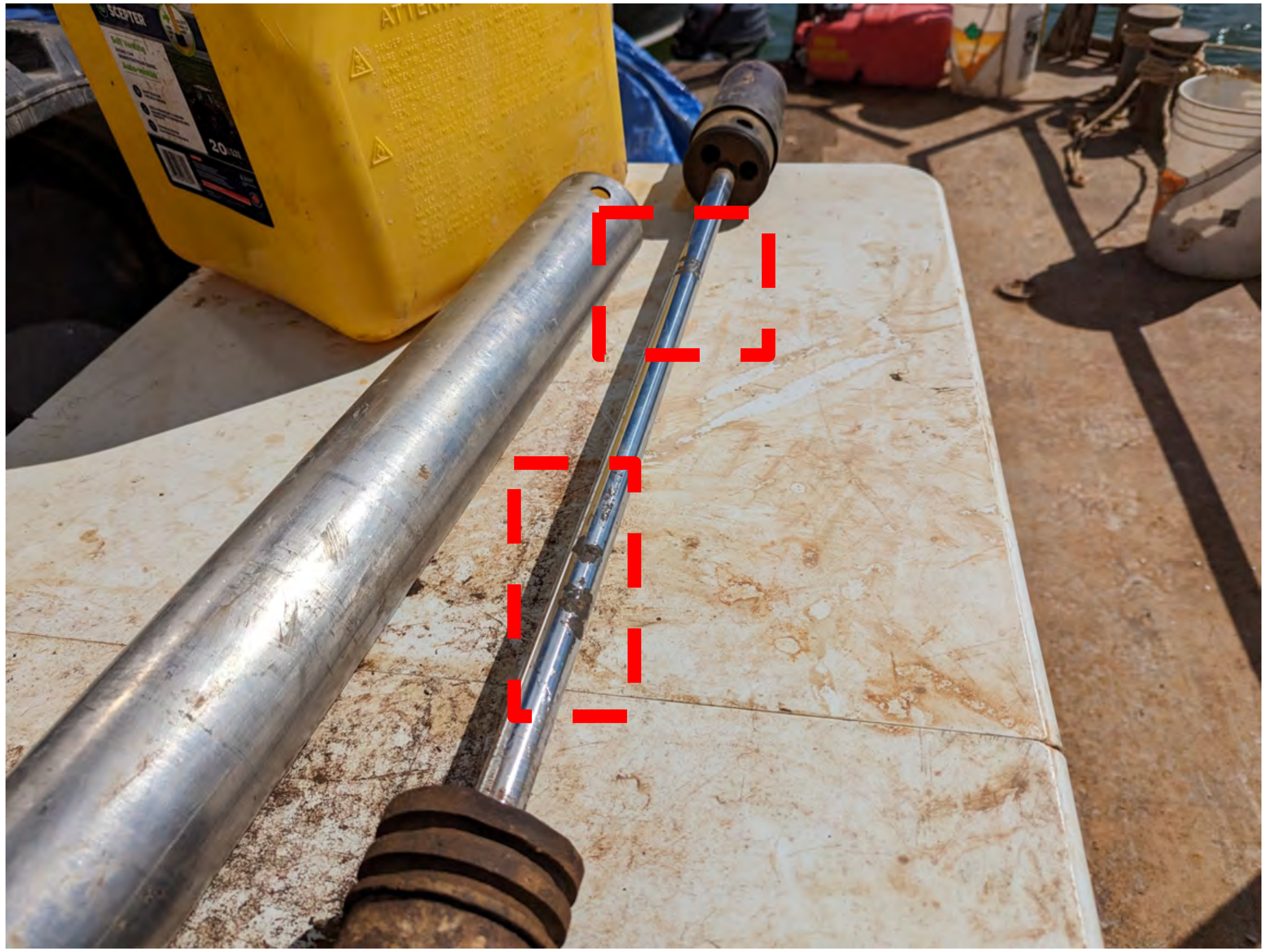


Photo 3: Pitting on the piston rod from the 2018 TOVP GUS sampler.

Photo 4: Subsample collected from TMF23-02-SA19A. Firm, grey, high-plasticitity silt.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 9, 2023 / Approved: AL / Photo Sheet: 2

SRK Daily Report 034 – 2023 TOVP

Date:	August 12, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Mainly sunny **Afternoon:** Sunny with periodic rain **Wind**: 4 – 10 km/h **Min:** 7 °C **Max:** 19 °C **Comment:** N/A
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- After arriving on the barge at 6:30 AM, the drill did not start, and its battery was dead. It was boosted by 7:15 AM.
- Once beginning drilling, the casing was stuck (i.e., unable to rotate, unable to jet water out the bottom of the casing). 15 feet of casing needed to be retreated before the casing was able to rotate and resume jetting water. Casing began to be readvanced at 8:00 AM.
- Immediately after re-advancing the drill casing, the gear box on the drill began making strange noises and would no longer shift from low to high gear. Paddock called their mechanic to troubleshoot the issue. After releasing the hydraulic pressure on the gear box, the drill's high/low shifter began working again. Drilling resumed at 8:30 AM.
- Barite was added to the drilling mud in small quantities to try to increase the mud weight and prevent the hole from collapsing; however, the mud additive did not appear to help with borehole stability.
- On August 10th and 11th, SRK arranged for additional mud additives to be delivered to site and for a mud specialist from Imdex Limited to come to site and assist with mud mixing to try and mitigate the borehole collapse issues. The Imdex representative will arrive on site on Monday, August 14th.

- After achieving the target depth with an open hole for TMF23-02-SA19B, a split-spoon sample was taken. The split-spoon sample was successful and yielded 100% recovery. Additional details are provided in the table below.
- In the afternoon, SRK and Orano made the decision to abandon TMF23-02 and not collect SA20, 21, or 22. The borehole instability experienced to date had rendered progress to a near standstill, and the drill had begun to show signs of struggle to operate in the dense sand at the bottom of the hole.
- After abandoning the hole, Paddock tripped out 230 ft of steel between 1:30 and 3:30 and prepared to move the barge to TMF23-01.
- The barge moved to TMF23-01 between 3:45 and 5:00 PM.
- Between 5:00 PM and 6:30 PM, Paddock changed the gearbox oil and inspected the condition of the gearbox on the drill. Metal filings were found in the old oil, but no major concerns were noted on the gears themselves. It is hypothesized that the high skin friction on the drill steel experienced at depth was simply maxing out the torque capacity of the drill and beginning to damage the drill head.
- At 6:30 PM drilling began at TMF23-01.
- The end of day position of the drill barge is shown in Photo 4.

Plan for Tomorrow:

- Continue drilling at TMF23-01.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
3:45	TMF23-02	TMF23-01	1.25	▪ The time is inclusive of anchor pulling from location TMF23-02.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-02	8:30	12:15	3.75	Complete	▪ As previously noted, sampling was severely delayed by borehole instability. ▪ 1 sample was collected before lunch. Drilled from 53.28 to 55.78 (below tailings surface) for a total of 2.5m ▪ The hole was subsequently abandoned after reaching 55.78 due to lack of drilling efficiency and concerns of wrecking the drill head. Orano approved of abandoning the hole. SA20, 21, and 22 will not be collected.

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-01	18:30	19:15	0.75	In-progress	▪ Set the casing through the water column and drilled from 0 to 1.668m below tailings surface.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-02	TMF23-02-SA19B	SPT	379.10	52.28	100%	▪ Issues with blowup inside the casing made sample retrieval difficult. ▪ Sample was retrieved at 10:10 AM. ▪ A 3" Split Spoon (SPT) sample was attempted as opposed to using the GUS piston sampler. See Photo 1. ▪ Based on the excellent performance of the split spoon sampler, this sampler will be used in the dense sand formations found at depth in the Geochem holes. Note that the split spoon sampler has only been used once, and that it may not always yield as great results. ▪ SRK recorded blow counts for the 3" SPT for the each 6" interval over the 2ft sampler. Each interval is as follows: 7, 13, 21, 19. ▪ Sample was a brown sandy soil that featured some densely consolidated laminations of greyish silt at the bottom. See Photo 2. ▪ A subsample was not collected to preserve as much sample as possible.
TMF23-01	TMF23-01-SA02	Shelby	423.49	1.67	96%	▪ Sample collected at 7:15 PM. ▪ Sample was a dark brown loose, low plasticity silt. See Photo 3.

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-

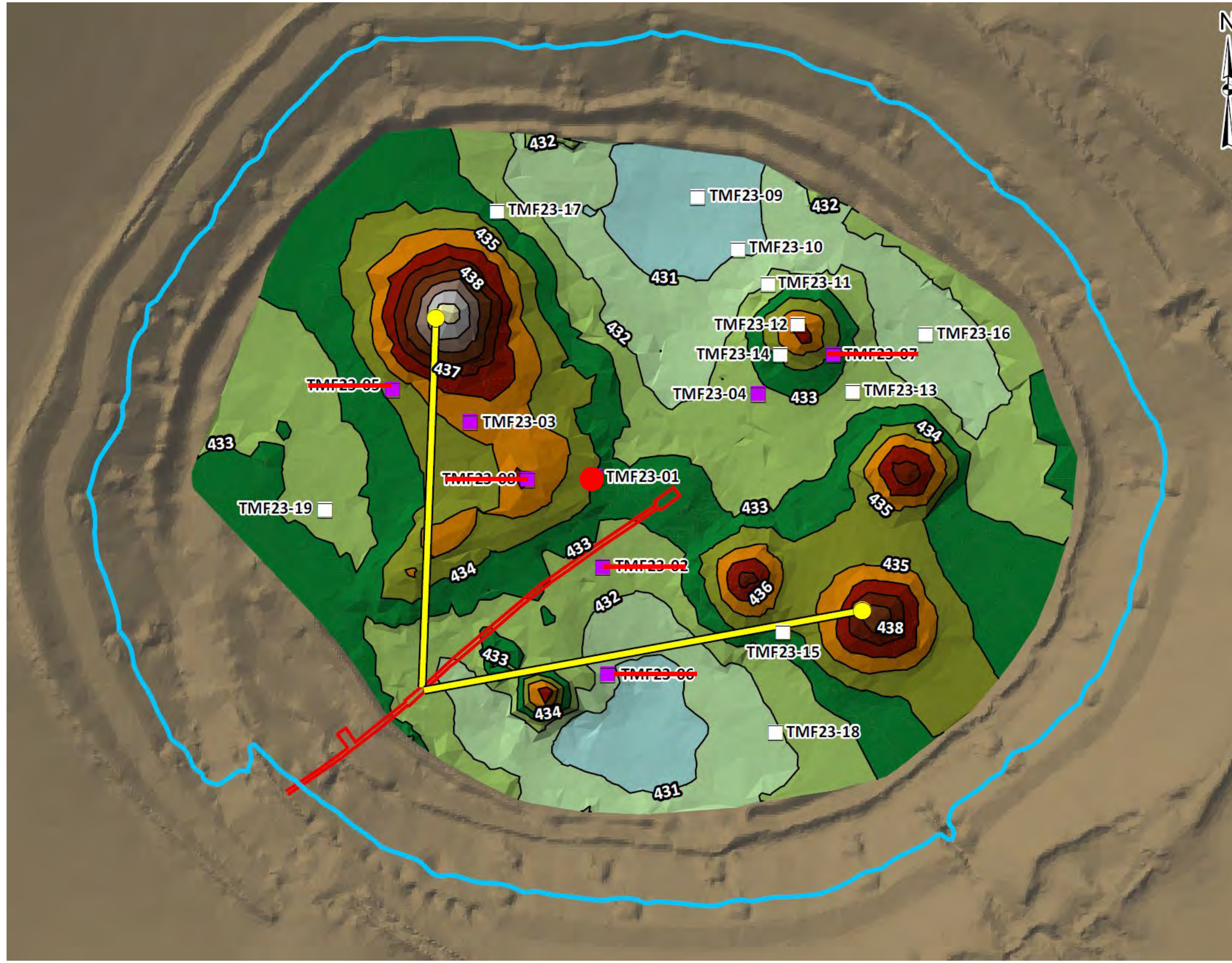
Date [1]	Location ID	Geochemical	Geotechnical
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X
8/12/2023	TMF23-01	X	
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program

Hole ID	Status
TMF23-01	In-progress
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 12, 2023	AL	1

Photo 1: 3" Split spoon (SPT) sampler used to collect sample TMF23-02-SA-19B. Catch basket shown in the sub photo in the bottom right.

Photo 2: TMF23-02-SA19B in split spoon sampler. Sample was collected by relocating the sample into a Ziploc bag. A subsample was not taken to preserve as much sample as possible because the material appeared to be dry. Material was a light brown sand at the top that transitioned into a dense laminated silt at the bottom.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 12, 2023	Approved: AL	Photo Sheet: 1

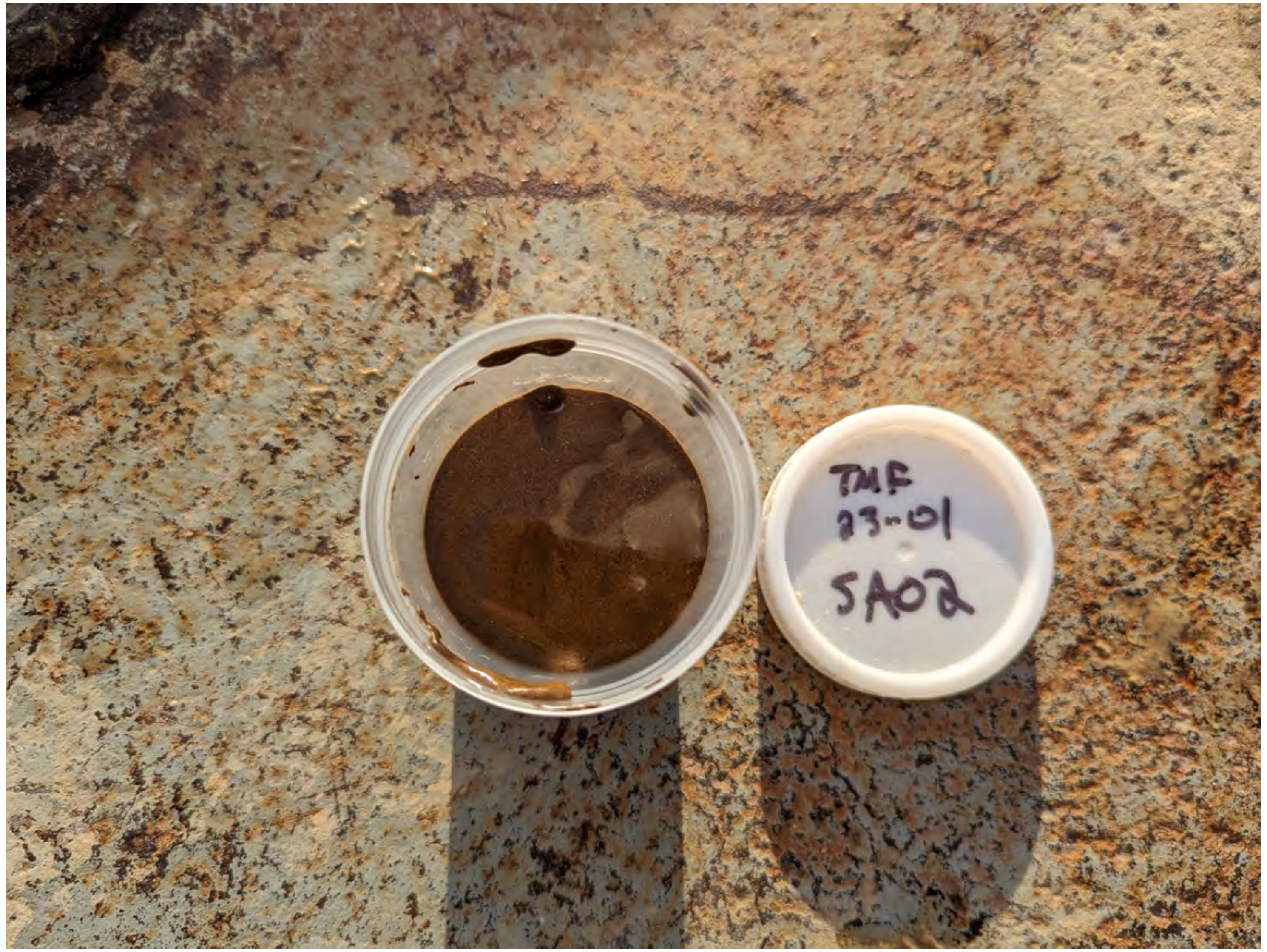


Photo 3: Subsample TMF23-01-SA02. Dark brown low plasticity silt.

Photo 4: Final position of the barge at the end of the day (positioned at TMF23-01).

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 12, 2023	Approved: AL	Photo Sheet: 2

SRK Daily Report 035 – 2023 TOVP

Date:	August 13, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Partly cloudy **Afternoon:** Mainly sunny **Wind**: 10 km/h with gusts to 30 km/h **Min:** 12 °C **Max:** 23 °C **Comment:** The wind forced the barge to be re-anchored.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Drilling activities began at 6:45 AM
- Due to high winds, the barge needed to be re-anchored between 8:00 and 8:45 AM
- A combination of Shelby and SPT samples were taken today. Additional details are provided in the following tables.
- The mud mix was altered today to include barite. The barite is understood to reduce drill casing friction and promote borehole stability. The representative from Imdex Limited arrives tomorrow and will help with mud preparation.
- In total, 23.91m was drilled (below tailings) and 9 samples were collected. The day concluded with an attempt to collect SA10 via the GUS piston sample, but no recovery was made.
- The end of day position of the drill barge is shown in Photo 10.

Plan for tomorrow:

- Continue drilling at TMF23-01.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	▪ N/A

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-01	6:45	12:30	5.75	In-progress	▪ 6 samples were collected and 14.99m was drilled. ▪ Borehole stability was encountered at approximately elevation 418 masl, and made sample retrieval difficult.
TMF23-01	13:45	18:15	4.5	In-progress	▪ 3 samples were collected and 8.92m was drilled. ▪ Borehole instability and sample recovery slowed process. See the Daily Sampling Progress table for additional details.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-01	TMF23-01-SA03	Shelby	429.49	4.668	100	▪ Sample was retrieved at 7:00 AM. ▪ Soft, loose, dark brown low plasticity silt. See Photo 1.
TMF23-01	TMF23-01-SA04	Shelby	426.49	7.668	100	▪ Sample collected at 7:30 AM. ▪ Light brown mottled with orange, low plasticity silt. Firmer than the previous sample See Photo 2.
TMF23-01	TMF23-01-SA05	Shelby	423.49	10.668	100	▪ Sample collected at 8:00 AM. ▪ Orange mottled with light brown, firm, low plasticity silt. Slightly more plastic than previous sample. See Photo 3.

TMF23-01	TMF23-01-SA06	Shelby	420.47	13.688	96	▪ Sample collected at 9:10 AM. ▪ Light brown, non-plastic sand with trace silt. See Photo 4.
TMF23-01	TMF23-01-SA07A	Shelby	417.73	16.328	25	▪ Sample collected at 11:00 AM. ▪ Issues with borehole stability (blow-up inside the casing) made sample collection difficult. ▪ After attempting to collect sample, the piston did not fully extend due to sand filling the annulus within the sampler behind the piston rod. ▪ Due to the poor recovery, an SPT sample was attempted below where the Piston sampler extended. ▪ Sample collected was a light brown, non-plastic sand. See Photo 5.
TMF23-01	TMF23-01-SA07B	SPT	417.50	16.658	84	▪ Sample collected at 12:10 PM. ▪ 5ft long, 3” diameter SPT sampler was used to collect the sample. See Photo 6. ▪ From 417.5 to 416.42, material was predominantly a light brown, non-plastic sand. ▪ From 416.43 to 416.00 the material transitioned to a low plasticity silt with various laminations of orange-ish and light brown material. ▪ The upper 1ft and lower 6” of the sample was discarded to avoid any potential contamination of the sample with surficial pit water within the drill casing. ▪ See Photo 7.
TMF23-01	TMF23-01-SA08	SPT	414.68	19.478	100	▪ Sample collected at 3:15 PM. ▪ Sample was advanced through 9” of blow-up in the top of the casing. The upper 9” and lower 6” of the sample was discarded to avoid any potential contamination of the sample with surficial pit water within the drill casing. ▪ From 414.905 to 413.755, material was an orange and brown medium to low plasticity silt. ▪ From 413.755 to 413.385, material was a light brown, non-plastic sand. ▪ See Photo 8.
TMF23-01	TMF23-01-SA09A	SPT	411.68	22.478	64	▪ Sample collected at 4:30 PM. ▪ After bringing the sample to surface, it appeared as though most of the sample had been impacted by surficial pit water. ▪ Regardless, the sample was bagged for analysis, as the decision to make a second attempt with the piston sampler was made. ▪ It is likely that the material was too soft/loose to remain in the SPT sampler and fell out when bringing the sampler to surface.

						▪ Material was a light brown, non-plastic sand. ▪ See Photo 9.
TMF23-01	TMF23-01-SA09B	Shelby	411.05	22.953	71	▪ Sample collected at 5:25 PM. ▪ No subsample was taken due to poor recovery; however, based on the material found on the outside of the sampler, the sample appears to contain light brown, non-plastic sand.

Tentative Program Schedule

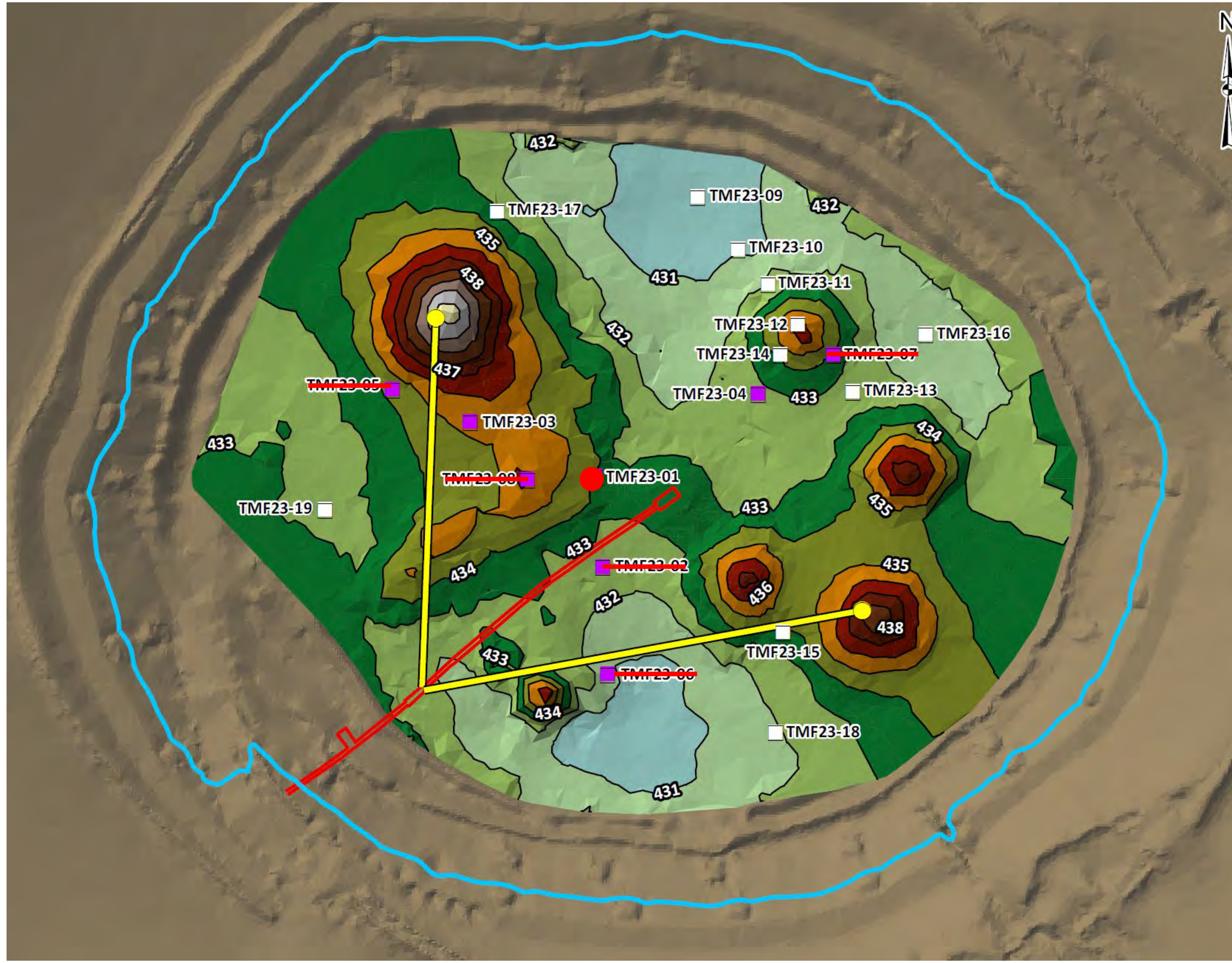
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X
8/12/2023	TMF23-01	X	
8/13/2023	TMF23-01	X	
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	In-progress
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 13, 2023	AL	1

Photo 1: Sub-sample from TMF21-01-SA03. Dark brown low plasticity silt.

Photo 2: Sub-sample from TMF23-01-SA04. Light brown mottled with orange, low plasticity silt. Firmer than SA03.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 13, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Sub-sample from TMF23-01-SA05. Orange mottled with light brown, firm, low plasticity silt. Slightly more plastic than SA04.

Photo 4: Sub-sample from TMF23-01-SA06. Light brown, non-plastic sand with trace silt.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 13, 2023	Approved: AL	Photo Sheet: 2

Photo 5: Sub-sample from TMF23-01-SA06. Light brown, non-plastic sand.

Photo 6: 5ft long, 3” inside diameter SPT sampler.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 13, 2023	Approved: AL	Photo Sheet: 3

Photo 7: Core recovered from TMF23-01-SA7B.

Sample interval from 417.50 to 415.98 masl.

Photo 8: Core recovered from TMF23-01-SA08. Two unique materials encountered: low plasticity silt and a non-plastic sand. Sub-samples taken for each material as SA08A and SA08B.

Sample interval from 414.905 to 413.385 masl.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 13, 2023	Approved: AL	Photo Sheet: 4

Photo 9: Core recovered for TMF23-01-SA09A. Material was light brown, non-plastic sand. As shown, the majority of the sample appears to have been lost while bringing the sample to surface, indicating the sample is likely impacted by surficial pit water.

Sample interval from 411.88 to 410. 46 masl.

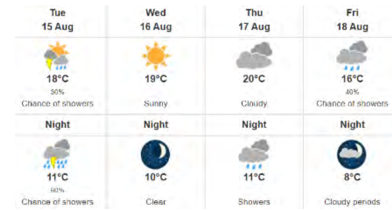
Photo 10: End of day position of the drilling barge (at TMF23-01).

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 13, 2023 · Approved: AL · Photo Sheet: 5

srk consulting

SRK Daily Report 036 – 2023 TOVP

Date:	August 14, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Smokey with periods of heavy rain **Afternoon:** Smokey **Wind**: 8 km/h with gusts to 30 km/h **Min:** 13 °C **Max:** 17 °C **Comment:** The air quality was very poor due to nearby wildfires.	**Four Day Outlook:** 
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** ▪ General overview of tasks and associated risks. Reviewed safe handling procedures for mud mixing.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- After arriving on the barge at 6:30 AM, the drill had issues starting. Repairs were made to some electronics and fuses and the drill began operating by 7:30 AM.
- Once drilling began, it was apparent that the casing was stuck. To free the casing, 15ft was tripped out and readvanced.
- At approximately 9:30 AM, the drill head began leaking gear oil. Paddock tightened some seals, and the problem stopped. Drilling resumed at ~10:00 AM.
- Heavy rain and strong winds began around 10:00 AM and persisted until approximately 12:00 PM.
- The air quality was very poor today due to nearby wildfires. The sun was completely blotted out of the sky all day.
- The mud additives were confirmed to arrive on site today.
- In total, 10.34m was drilled and 6 samples were collected.
- A common trend with the SPT sampler appears to be that the top of samples are impacted by water within the casing, but that only the top 6" to 1' are affected. This portion of the sample has been discarded in all cases to mitigate sample contamination.

- The end of day position of the drill barge is shown in Photo 6.

Plan for tomorrow:

- Continue drilling at TMF23-01. Samples 14/25 are completed at this location.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	- N/A

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-01	7:30	11:15	3.75	In-progress	- 2 samples were collected and 3.02m was drilled. - Borehole instability, casing jamming, and mechanical issues were encountered throughout this time. - An early lunch was taken to attempt to wait out the heavy rain.
TMF23-01	12:30	18:00	5.5	In-progress	- 4 samples were collected and 7.32m was drilled. - Borehole instability delayed progress. See the Daily Sampling Progress table for additional details.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-01	TMF23-01-SA10	SPT	408.430	25.708	60	- Sample was retrieved at 8:45 AM. - Upper portion of sample appeared to be impacted by casing water and was discarded, therefore retained sample interval starts 0.15m below the target elevation.

						▪ From 408.58 to 407.21, material was a light brown, non-plastic, beach sand for most of sample. From 407.21 to 407.06 material was a non-plastic silt. See Photo 1.
TMF23-01	TMF23-01-SA11	SPT	405.56	28.598	80	▪ Sample collected at 11:00 AM. ▪ Full sample interval consisted of a light brown, non-plastic sand with fine laminations of silt throughout. See Photo 2. ▪ An alternative sampling strategy was performed, where slough in the hole was intentionally collected in the SPT barrel to facilitate a buffer between any contact water within the drill casing and the target sample interval. Accordingly, the upper portion of the sample was discarded.
TMF23-01	TMF23-01-SA12	SPT	402.48	31.678	100	▪ Sample collected at 2:00 PM ▪ Brown/orange low plasticity silt found in upper 100mm of sample (402.48 to 402.38), before transitioning to a light brown, non-plastic sand for the rest of the sample. See Photo 3.
TMF23-01	TMF23-01-SA13	SPT	399.46	34.698	100	▪ Sample collected at 4:00 PM. ▪ Sample collected in the same barrel as SA14. ▪ Light brown, non-plastic sand with trace silt. See Photo 4.
TMF23-01	TMF23-01-SA14A	SPT	398.85	34.698	100	▪ Sample collected at 4:00 PM. ▪ Sample collected in the same barrel at SA13. ▪ Sample contained two different kinds of material. From 398.85 to 398.65, material was a light brown, non-plastic sand. From 398.65 to 398.24 material transitioned to a laminated grey silt. See Photo 4. ▪ Silt appeared to be extremely dry, likely as partly a function of the sampling methodology. Therefore, SRK requested that a “part B” sample be taken immediately below this sample.
TMF23-01	TMF23-01-SA14B	SPT	398.24	35.308	80	▪ Sample collected at 5:50 PM ▪ Grey, low plasticity silt for full sample length. See Photo 5.

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X

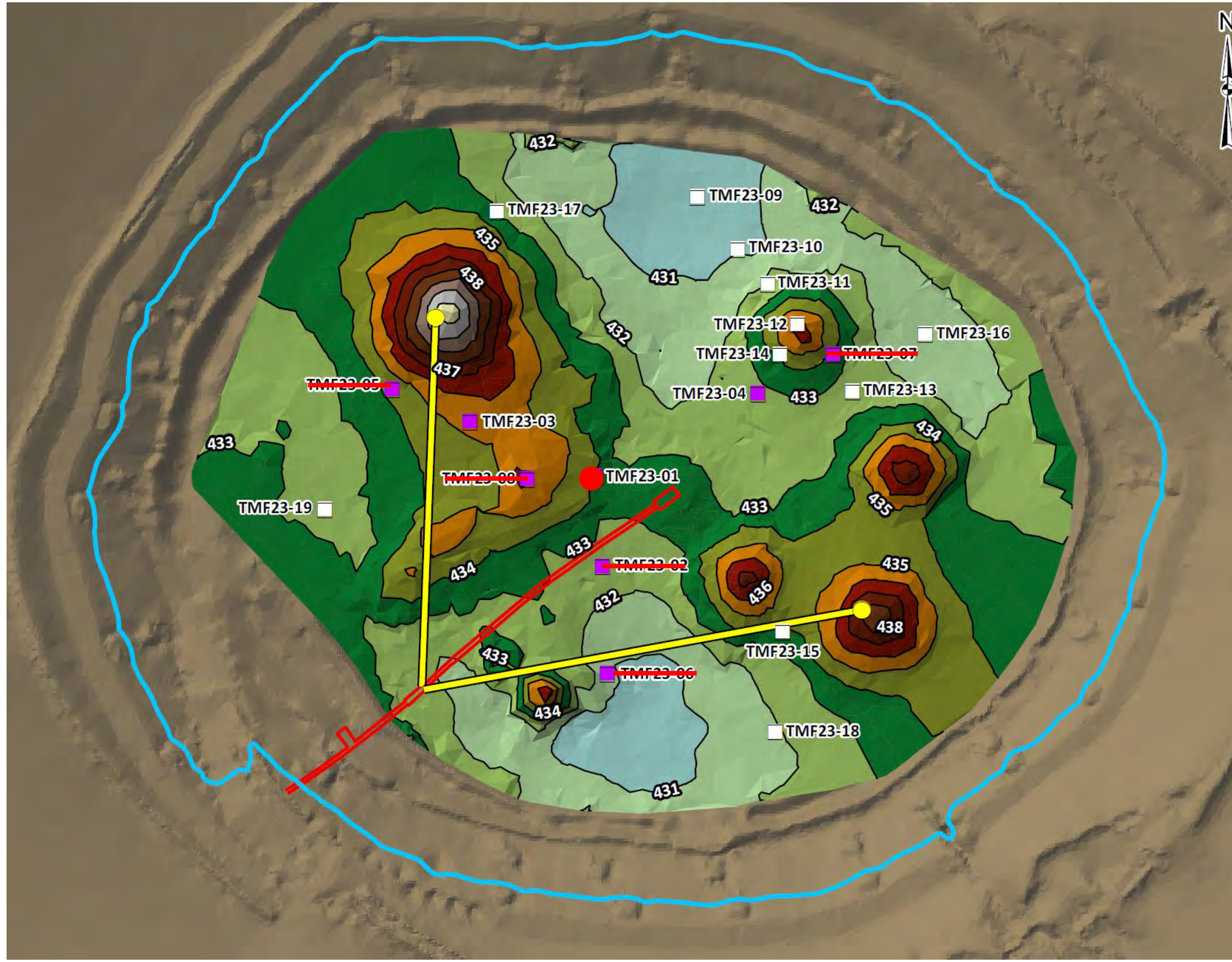
Date [1]	Location ID	Geochemical	Geotechnical
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/12/2023	TMF23-01	X	
8/13/2023	TMF23-01	X	
8/14/2023	TMF23-01	X	
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	Status
TMF23-01	In-progress
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 14, 2023	AL	1

Photo 1: Core and subsample from TMF23-01-SA10. Light brown, non-plastic sand. Non-plastic silt found at the bottom of the sample. As shown, the upper 2ft of the sample appears to have been washed out while retrieving the sample.

Sample interval: 408.430 to 407.06 masl.

Photo 2: Core from TMF23-01-SA11. Light brown, non-plastic sand with fine laminations of silt throughout. As shown, the upper portion of the same appears to have been washed out by fluid in the drill casing. Accordingly, the upper portion of the sample was discarded.

Sample interval: 405.56 to 404.04 masl.

srk consulting	orano	**2023 TOVP Program**		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 14, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Core and subsample from TMF23-01-SA12. Upper 0.1m of material was a orange/brown low plasticity silt material. Remaining 1.42m of sample is a light brown, non-plastic sand.

Sample interval: 402.28 to 400.96 masl.

Photo 4: Core and subsamples for TMF23-01-SA13 and 14A. SA13 is entirely a light brown, non-plastic sand. SA14A is a combination of the same material and a grey low to non-plastic silt.

SA14A appeared extremely dry due to nature of sampling technique.

Sampling interval: 399.76 to 398.24 masl.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 14, 2023	Approved: AL	Photo Sheet: 2

Photo 5: Core and subsample from TMF23-01-SA-14B. Grey, low plasticity silt for full sample length.

Sample interval: 398.24 to 396.72 masl.

Photo 6: Current position of barge within TMF (at TMF23-01). Note the hazy background due to wildfire smoke in the area.

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

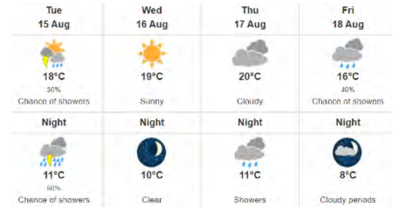
2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
August 14, 2023	AL	3

SRK Daily Report 037 – 2023 TOVP

Date:	August 15, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No
Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill		**Today's Weather:** **Morning:** Smoky **Afternoon:** Less smoky **Wind**: 8 km/h with gusts to 20 km/h **Min:** 13 °C **Max:** 17 °C **Comment:** N/A	**Four Day Outlook:**	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov				



SAFETY

Safety Meetings:	**Summary:**
6:00 – Toolbox talk	▪ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Mike from Imdex Limited came on the barge in the afternoon and provided guidance on mud mixing procedures and appropriate dosing for the various mud additives that were recently purchased.
- Some downtime was experienced while adjusting hose fittings and the infrastructure in place for mixing the mud.
- When removing the drill head from the casing while using the original mud mix, there was often a short delay before mud came flowing out of the top of the casing. The new mud mix appeared to prevent the "artesian-like" conditions previously observed.
- The new mud mix also eliminated the slough on the first 10ft run it was used for. Drilling with the original mud mix typically resulted in 2 to 4 ft of slough in the hole on the first attempt to reach the target depth.
- The mud mix is expected to require fine-tuning as drilling progresses. Mike (Imdex Limited) will return to site on September 1st when a new hole is being started to provide guidance on mud mixing and further refine the operation. The mud additives are shown in Photos 3 to 5.

- SRK and Orano discussed the efficacy of sample retrieval going forward.
  - Several samples in TMF23-01 were collected using the 5ft SPT sampler. These samples utilize the large volume of solids collected to generate enough sample porewater for geochemical testing. However, at SA16, the 5 ft sampler began meeting refusal about 2" before being pushed its full length into the tailings. To mitigate the contamination of the sample with drilling fluid, it is important that the full interval of the 5 ft sampler is pounded. If the sampler is not filled with material, then drilling fluid will remain in the sampler and seep into whatever sample is collected while the sample is raised out of the casing. Accordingly, the 5 ft SPT sampler can no longer be used in TMF23-01, as the material is too dense to advance the sampler its full interval, and not doing so will contaminate the partial sample that is collected.
  - Due to the nature of the sample collection methodology (SPT) in the lower Jeb/Sue tailings, there is minimal porewater remaining in the samples when they get to surface. This is related to the densification process that the sample experiences while being driven into the SPT sampler.
  - Orano informed SRK that only 150g of solids would be required to facilitate some testing on the samples and that not having an adequate volume of porewater from the samples is okay. This allowance permitted the use of a smaller SPT sampler that will be easier to hammer into the ground. The caveat with a smaller sampler is that the tolerance for slough at the base of the hole is less because none of the smaller sample that is collected can be discarded on the basis of suspected contamination.
- Paddock dropped the AWJ rod with the sampler down the hole at approximately 4:30 and spent the rest of the day trying to get the rod back. It was not retrieved before the end of the day.

Plan for tomorrow:

- Continue drilling at TMF23-01. Samples 16/25 are completed at this location.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	▪ N/A

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-01	6:30	11:30	5	In-progress	▪ 2 samples were collected and 6.37m was drilled. ▪ An early lunch was taken to facilitate onboarding Mike (Imdex Limited) to the barge.

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
					▪ Borehole stability was a major issue, and most of the morning was spent trying to keep the base of the borehole open.
TMF23-01	1:30	4:30	3	In-progress	▪ No samples were taken in the afternoon; however, 3.1m was drilled. ▪ Most of the afternoon was spent adjusting the mud preparation procedures and tweaking the mud mixture. See Photo 6. ▪ It was determined that the rig pump is not adequate for shearing and mixing the bentonite and mud additives, and that a 2" trash pump is more suitable as it has an impeller. Going forward, Paddock's 2" trash pump will be used for mixing mud. ▪ Drilling progress stopped early because, as previously mentioned, an AWJ drill rod was dropped downhole at 4:30 and the rest of the day was spent trying to retrieve it.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-01	TMF23-01-SA15	5ft SPT	395.47	38.688	66	▪ Sample was retrieved at 8:30 AM. ▪ Full sample interval contained light brown non-plastic sand. See Photo 1. ▪ It appeared that the sample was impacted by drill fluid on the top and bottom, therefore these parts of the sample were discarded and only the central 3ft of solids were collected.
TMF23-01	TMF23-01-SA16	5ft SPT	391.87	42.288	74	▪ Sample collected at 11:00 AM. ▪ Full sample interval consisted of a light brown, non-plastic sand with fine laminations of silt throughout. See Photo 2. ▪ Like SA15, it appeared that the sample was impacted by drill fluid on the top and bottom, therefore these parts of the sample were discarded and only the central 3ft of solids were collected.

Tentative Program Schedule

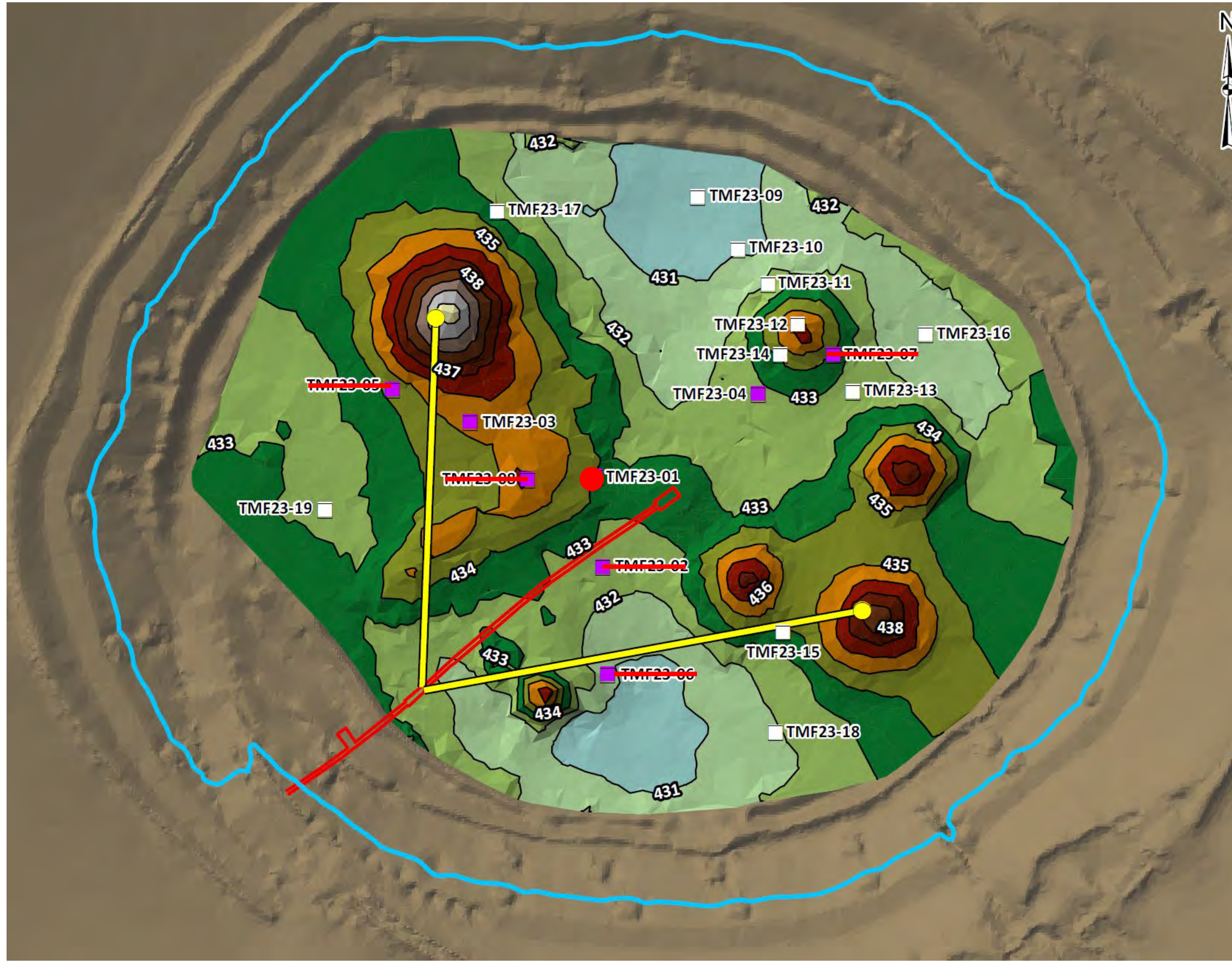
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	X
8/17/2023	TMF23-01	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	Status
TMF23-01	In-progress
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 15, 2023	AL	1

Photo 1: Core and subsample from TMF23-01-SA15. Light brown, non-plastic sand. As shown, the upper 2ft of the sample appears to have been washed out while retrieving the sample.

Sample interval: 395.47 to 393.95 masl.

Photo 2: Core from TMF23-01-SA16. Light brown, non-plastic sand with fine laminations of silt throughout. As shown, the upper portion of the same appears to have been washed out by fluid in the drill casing. Accordingly, the upper portion of the sample was discarded.

Sample interval: 391.87 to 390.35 masl.

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 15, 2023	Approved: AL	Photo Sheet: 1

Photo 3: AMC EZEE PAC L – mud additive.

Photo 4: AMC Xan Bore – mud additive.

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: August 15, 2023	Approved: AL	Photo Sheet: 2

Photo 5: AMC Bore Seal F – mud additive.

Photo 6: Using a marsh cup to test the viscosity of the drilling fluid.

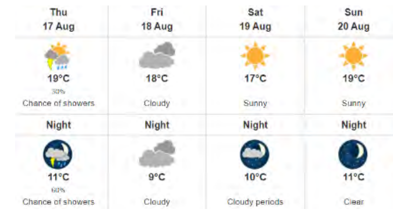
srk consulting	orano	**2023 TOVP Program**		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 15, 2023	Approved: AL	Photo Sheet: 3

SRK Daily Report 038 – 2023 TOVP

Date:	August 16, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	Yes		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	No		Cody – Drill Hand (Paddock Drilling Ltd.)	No
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Partly sunny **Afternoon:** Partly sunny, rain in early evening **Wind**: 5-20 km/h with gusts up to 32 km/h **Min:** 10 °C **Max:** 19 °C **Comment:** N/A
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:



SAFETY

Safety Meetings: 6:00 – Toolbox talk	**Summary:** - General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Cody (Paddock) left site yesterday, as planned. Therefore, Paddock only has two staff members on site for the remainder of the shift.
- Prior to going to the barge this morning, SRK and Paddock looked for various hose fittings at the warehouse to make the mud mixing process more efficient.
- Prior to starting drilling, the AWJ rod that was dropped downhole needed to be retrieved. Paddock used an NQ drill rod to "telescope" over the fallen AWJ rod, and ultimately retrieved the rod by approximately 7:30.
- When starting to drill, it was noted that the casing was not locked up, and that no slough had occurred in the bottom of the hole overnight. Both findings were unusual, as typically several feet of casing need to be removed from downhole to "free" the casing and continue drilling. It is suspected that the change of conditions is related to the mud additives.
- After completing the first 10ft run of drilling, issues with borehole stability began to occur despite the new mud mix. It is unclear why the new mud mix stopped working as effectively.

- SRK was in constant contact with Imdex Limited representatives throughout the day and found a recipe that appeared to keep the hole open and mitigate slough towards the end of the day. The recipe will be trialed again tomorrow to see if it remains effective.
- Due to the borehole instability, drilling progress was very limited today. See the following tables for additional details.
- Before resuming drilling in the afternoon, SRK and Paddock looked for more hose fittings after lunch.
- In summary, 3 samples were collected and 5.18m (through tailings) was drilled today.

Plan for tomorrow:

- Complete drilling at TMF23-01 and remove steel from the ground. 19/25 sample are completed at this location.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A	N/A	N/A	N/A	▪ N/A

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-01	7:30	11:30	4	In-progress	▪ 1 sample was collected and 2.11m was drilled. ▪ Borehole stability was a major issue, and most of the morning was spent trying to keep the base of the borehole open.
TMF23-01	13:15	6:15	4	In-progress	▪ 2 samplers were collected and 3.07m was drilled. ▪ Like the morning, borehole stability remained an issue. A mud mix that held the hole open appeared to be reached at the end of the day. It will be further trialed tomorrow. ▪ From ~3 to ~4, adjustments were made to the hosing on the barge to try to make the mud mixing more efficient.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-01	TMF23-01-SA17	2ft SPT	388.77	45.388	100	▪ Sample was retrieved at 8:20 AM. ▪ The two-foot SPT sampler was used. ▪ Full sample interval contained light brown non-plastic sand. See Photo 1. ▪ The sample did not appear to be impacted by the drill fluid at all. It is suspected that the viscosity of the drill fluid mitigates its seepage potential and sample contamination.
TMF23-01	TMF23-01-SA18	2ft SPT	386.66	47.498	100	▪ Sample collected at 2:30 PM. ▪ Full sample interval consisted of a light brown, non-plastic sand with fine laminations of silt throughout. See Photo 2. ▪ Evidence of sloughed material was present at the upper portion of the sample. This material was discarded from sample collection.
TMF23-01	TMF23-01-SA19	2ft SPT	383.59	50.568	100	▪ Sample collected at 6:00 PM. ▪ Sample contained light brown, non-plastic sand with laminations of dark grey silt, and light grey silt. See Photos 3 and 4. ▪ A less viscous drill fluid was used to get to this depth, and consequently, it appeared as though the upper portion of the simple was impacted by drill fluid. This part of the sample was discarded.

Tentative Program Schedule

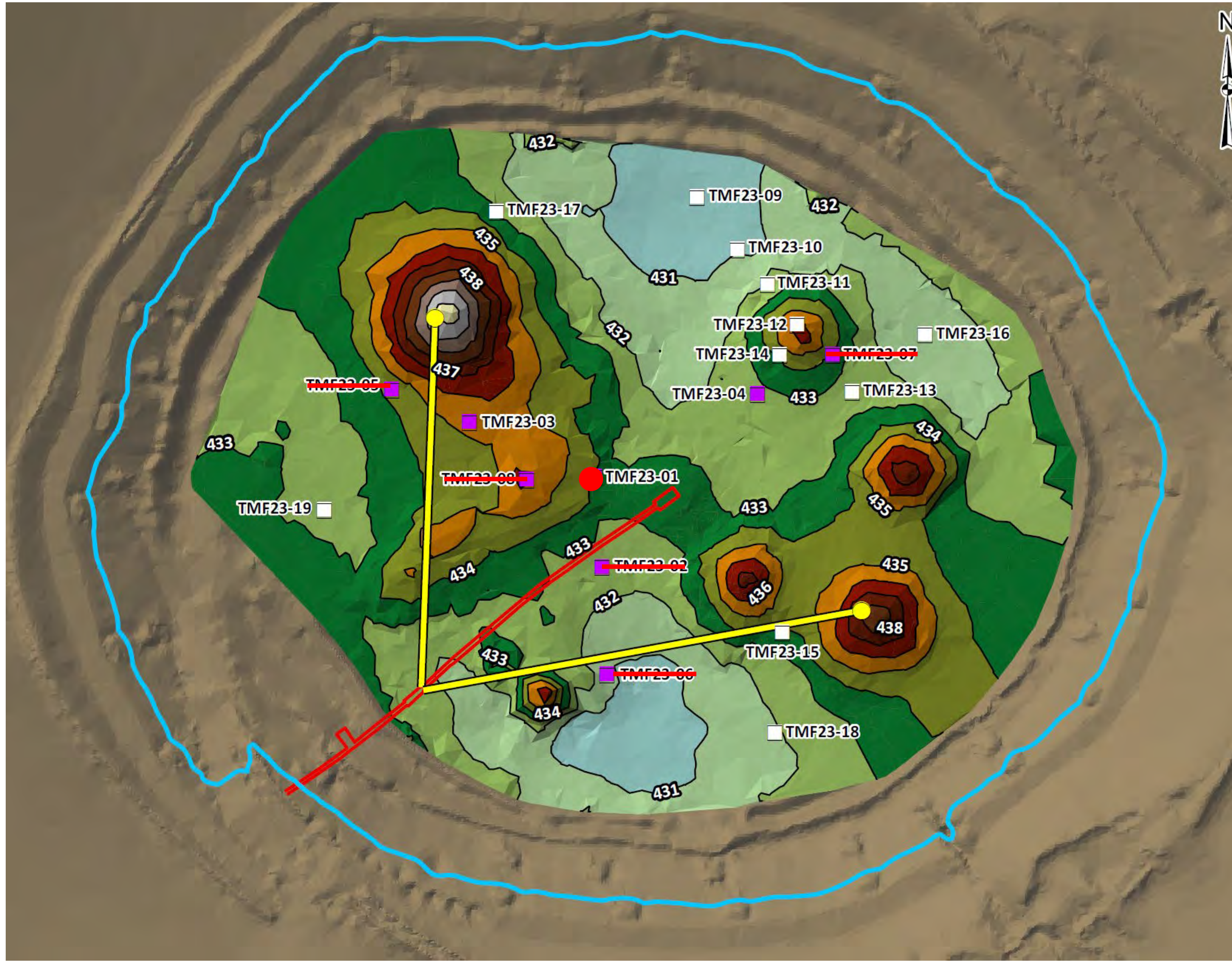
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
TMF23-01	In-progress
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
August 16, 2023	AL	1

Photo 1: Core and subsample from TMF23-01-SA17. Light brown, non-plastic sand. As shown, the sample appears to be unimpacted by drilling fluid.

Sample interval: 388.77 to 387.16 masl.

Photo 2: Core from TMF23-01-SA18. Light brown, non-plastic sand. As shown, the upper portion of the same appears is looser and the interval corresponds to slough in the borehole prior to advancing the sampler.

Sample interval: 386.66 to 386.05 masl.

srk consulting	orano	**2023 TOVP Program**		
Project No: CAPR002676		**Daily Report Figure and Photos**		
Location: McClean Lake		Date: August 16, 2023	Approved: AL	Photo Sheet: 1

Photo 3: Core from TMF23-01-SA19. Light brown, non-plastic sand with thin (~<1cm) laminations of dark grey and light grey silt throughout.

Sample interval: 383.59 to 382.98 masl.

Photo 4: Subsample of TMF23-01-SA19.

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: August 16, 2023 · Approved: AL · Photo Sheet: 2

SRK Daily Report 039 – 2023 TOVP

Date:	September 1, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		**<u>Drillers (Paddock Drilling Ltd.)</u>** Danton – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Derek – Drill Hand (Paddock Drilling Ltd.) **<u>CPT Technician (Schwartz Soil-Tech Inc.)</u>** Bill Schwartz – CPT Operator	 Yes Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**<u>Today's Weather:</u>** **Morning:** - **Afternoon:** Partly sunny, smoky **Wind**: 0-16 km/h with gusts up to 28 km/h **Min:** 9.9 °C **Max:** 24.7 °C **Comment:** N/A	**Four Day Outlook:**
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 14:00 – Toolbox talk	**Summary:** - Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Representatives from Paddock Drilling and SRK Consulting reached the site around 13:00 as a result of a delayed landing.
- In the afternoon, further maintenance and drill setup activities took place prior to moving the barge to TMF23-03.

<u>Plan for tomorrow:</u>

- Begin drilling at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
16:00	Launching Point	TMF23-03	1.75	▪ N/A

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
N/A					

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
N/A						

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-

Date [1]	Location ID	Geochemical	Geotechnical
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-

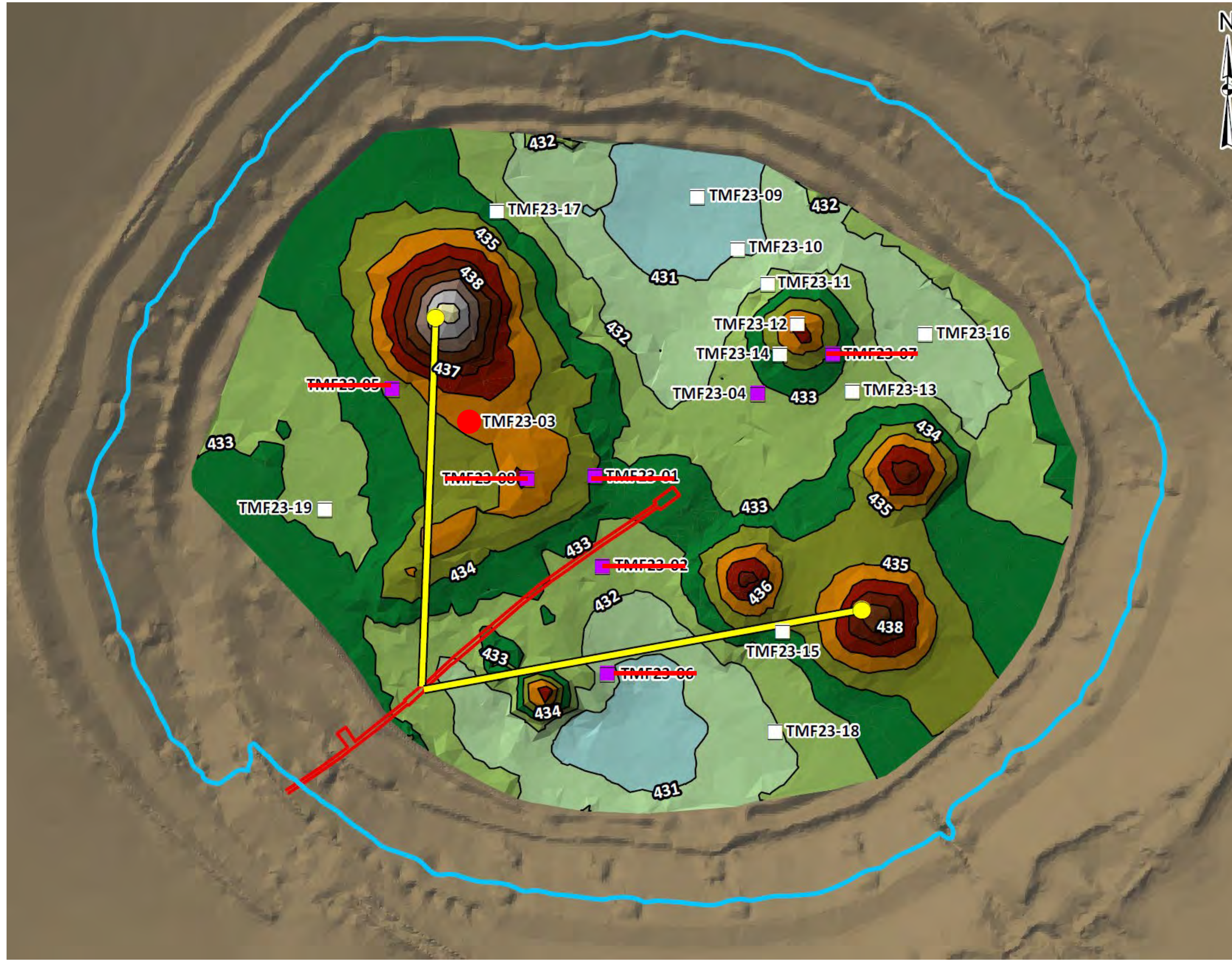
Date [1]	Location ID	Geochemical	Geotechnical
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program

Hole ID	Status
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
September 1, 2023	AN	1

Photo 1: Site overview upon arrival

Photo 2: Site overview at the end of the day

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report Figure and Photos**
		Date: September 1, 2023 | Approved: AN | Photo Sheet: 1

SRK Daily Report 040 – 2023 TOVP

Date:	September 2, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Today's Weather:
Morning: Smoky, Cloudy
Afternoon: Partly sunny,
Wind: 19 – 27 km/h with gusts up to 65 km/h .
Min: 15 °C **Max:** 18 °C
Comment: The gusts began at 11:30 and persisted for the remainder of the day.

Four Day Outlook:

SAFETY

Safety Meetings:	**Summary:**
06:00 – Toolbox talk	▪ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- In the morning, the barge's location was verified to ensure it stayed within a 3 m radius of the planned location.
- The recorded water level was 445.748 masl.
- The coordinates for the geochemical hole (TMF23-03) were 5238.552E and 11221.164N.
- Drilling activities commenced at approximately 10:10 following the search and installation of a 4-foot-long 5/16th fuel line with 3 clamps for the drill.
- At 11:35, drilling operations were halted due to strong gusting winds that caused the barge to sway and move with the anchors. Photo Sheet 2 displays the barge's movement and inclination of the steel caused by the gusting winds.
- By 15:30, the situation had been reevaluated and found to have deteriorated.
- The water's depth beneath the deck was recorded at 11.43 meters (from the top of the deck).

- The tailings elevation was estimated to be 435.005 masl.
- Photo Sheet 1 shows images of the site at both the start and conclusion of the day.

Plan for tomorrow:

- Continue drilling at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-03	10:10	11:30	1.25	In-progress	• Drilling operations were halted as a result of the gusting winds and the barge's swaying and movement. Upon reevaluation later, the conditions showed no signs of improvement.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-03	TMF23-03-SA02	Shelby	432.97	2.04	90.0	• The initial sample taken (at 10:33) at the intended elevation yielded no recovery. As a result, the acquired sample was collected 2 feet (0.61 m) below the proposed elevation (Photo Sheet 3). • Obtained at 10:50

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
TMF23-03	TMF23-03-SA03A	Shelby	430.58	4.42	54.1	• Owing to the insufficient recovery of the initial sample, an additional "B" sample will be collected 2 feet below the current elevation. • Obtained at 11:10

Tentative Program Schedule

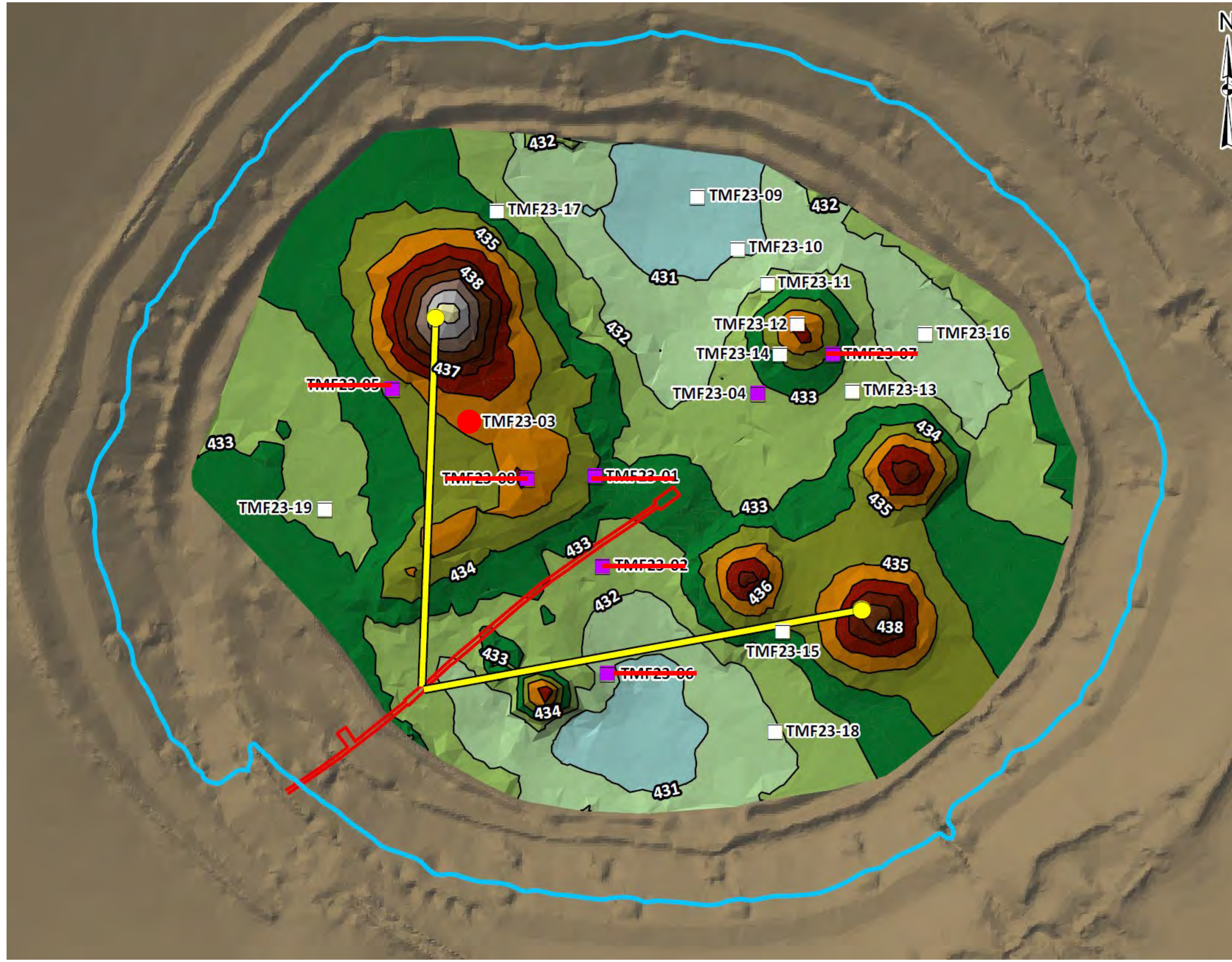
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 2, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676 Location: McClean Lake		Daily Report Figure and Photos
		Date: Sept 2, 2023 / Approved: AN / Photo Sheet: 1

Photo 3: Steel Casing

Photo 4: Steel Casing Corner View

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: Sept 2, 2023 | Approved: AN | Photo Sheet: 2

Photo 5: TMF23-03-SA02

- No photo

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 2, 2023	AN	3

SRK consulting

SRK Daily Report 041 – 2023 TOVP

Date:	September 3, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer Adam Leik – Project Manager Anton Novikov – Field Lead Bryce Marcotte – Consultant	No No Yes No		**Drillers (Paddock Drilling Ltd.)** Danton – Lead Driller (Paddock Drilling Ltd.) Cody – Drill Hand (Paddock Drilling Ltd.) Derek – Drill Hand (Paddock Drilling Ltd.) **CPT Technician (Schwartz Soil-Tech Inc.)** Bill Schwartz – CPT Operator	 Yes Yes Yes No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Smoky, Cloudy **Afternoon:** Partly sunny, smoky **Wind**: 5 – 19 km/h with gusts up to 53 km/h . **Min:** 13 °C **Max:** 17 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.722 masl.
- Drilling activities commenced at approximately 6:55.
- Starting at the location TMF23-03-SA07, the sampling process changed to the split-spoon due to the inability to remove more than 1 foot of slough from the steel casing.
- Photo Sheet 1 shows images of the site at both the start and conclusion of the day.

Plan for tomorrow:

- Continue drilling at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)[1]	Status	Comment
TMF23-03	6:55	17:45	9.25	In-progress	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA03B	Shelby	429.97	5.04	77.0	• Obtained at 7:35 (Photo Sheet 2)
TMF23-03	TMF23-03-SA04	Shelby	427.58	7.42	98.4	• Obtained at 7:55 (Photo Sheet 2)
TMF23-03	TMF23-03-SA01-GT	Shelby	426.97	8.04	77.0	• Obtained at 8:30
TMF23-03	TMF23-03-SA05	Shelby	424.58	10.42	100.0	• Obtained at 8:50 (Photo Sheet 3)
TMF23-03	TMF23-03-SA06	Shelby	421.58	13.42	100.0	• Obtained at 9:31 (Photo Sheet 3)

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA07	5 ft Split Spoon	419.38	15.62	49.9	• After trying to clean the slough, the 5-foot split spoon sampler was employed, and 1 foot 4 inches of blowout was removed from the sample after the spoon had been opened. • Obtained at 11:30 (Photo Sheet 4)
TMF23-03	TMF23-03-SA08	5 ft Split Spoon	416.89	18.12	70.2	• After trying to clean the slough, the 5-foot split spoon sampler was employed, and 1 foot 2 inches of blowout was removed from the sample after the spoon had been opened. • Obtained at 13:52 (Photo Sheet 4)
TMF23-03	TMF23-03-SA09A	5 ft Split Spoon	414.37	20.64	50.5	• The split spoon went through the slough when lowered into the casing. • TMF23-03-SA09 was subdivided into two samples based on the difference in material. • Obtained at 15:05 (Photo Sheet 5)
TMF23-03	TMF23-03-SA09B	5 ft Split Spoon	413.43	21.58	32.8	• Obtained at 15:05 (Photo Sheet 5)
TMF23-03	TMF23-03-SA10	Shelby	412.57	22.44	100.0	• Obtained at 16:06 (Photo Sheet 5)
TMF23-03	TMF23-03-SA02-GT	Shelby	411.96	23.04	100.0	• Obtained at 16:51
TMF23-03	TMF23-03-SA11A	5 ft Split Spoon	411.35	23.66	26.2	• The split spoon went through the slough when lowered into the casing. • TMF23-03-SA11 was subdivided into two samples based on the difference in material. • Obtained at 17:45 (Photo Sheet 6)
TMF23-03	TMF23-03-SA11B	5 ft Split Spoon	410.65	24.36	36.1	• Obtained at 17:45 (Photo Sheet 6)

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-

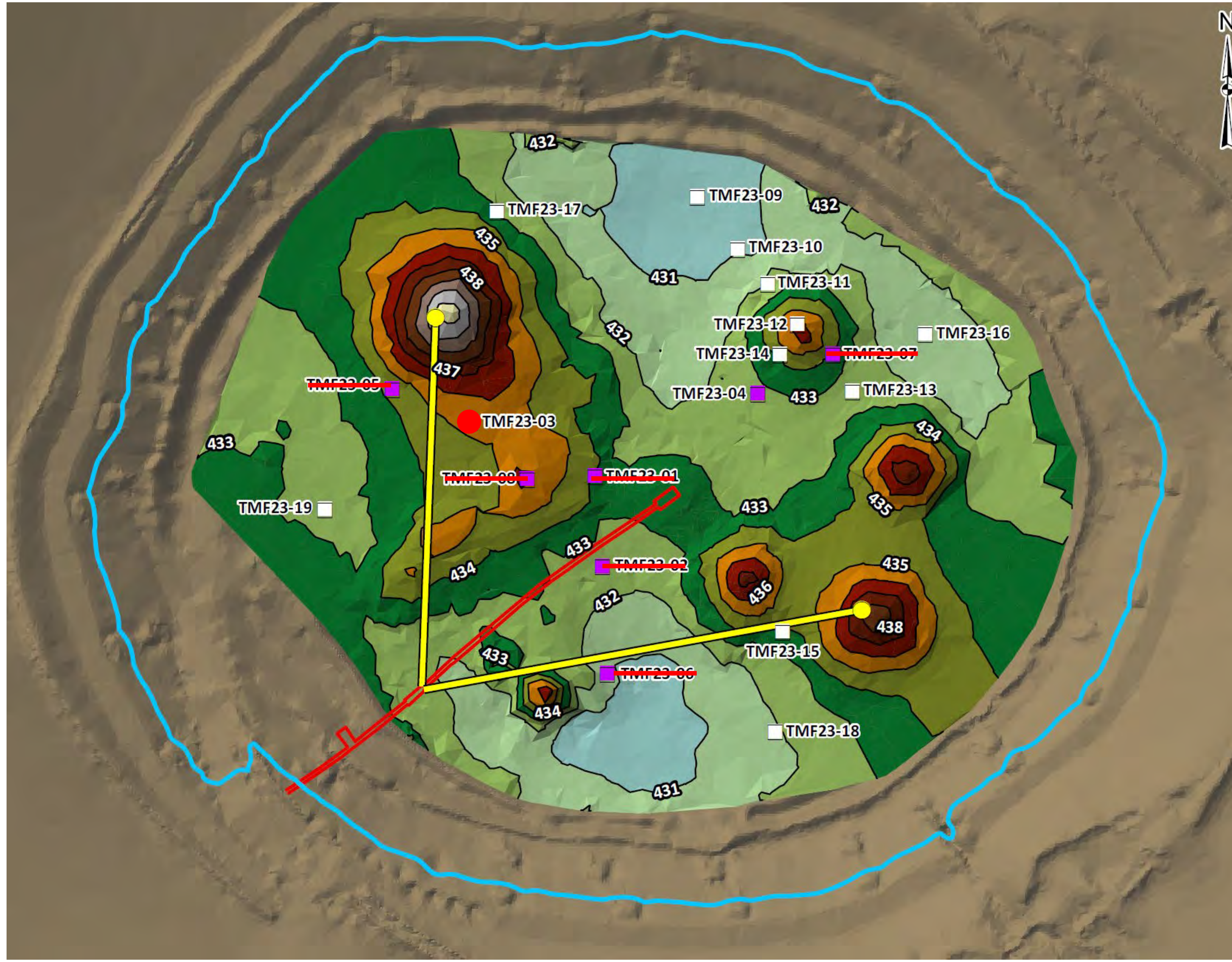
Date [1]	Location ID	Geochemical	Geotechnical
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A

Date [1]	Location ID	Geochemical	Geotechnical
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 3, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	**2023 TOVP Program**
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: Sept 3, 2023 | Approved: AN | Photo Sheet: 1

Photo 3: TMF23-03-SA03B

Photo 4: TMF23-03-SA04

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 3, 2023	AN	2

Photo 5: TMF23-03-SA05

Photo 6: TMF23-03-SA06

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program		
Daily Report Figure and Photos		
Date: Sept 3, 2023	Approved: AN	Photo Sheet: 3

Photo 7: TMF23-03-SA07 (Sandy Silt (ML), light brown colour)

Photo 8: TMF23-03-SA08 (Silt (ML), light brown colour)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 3, 2023 / Approved: AN / Photo Sheet: 4

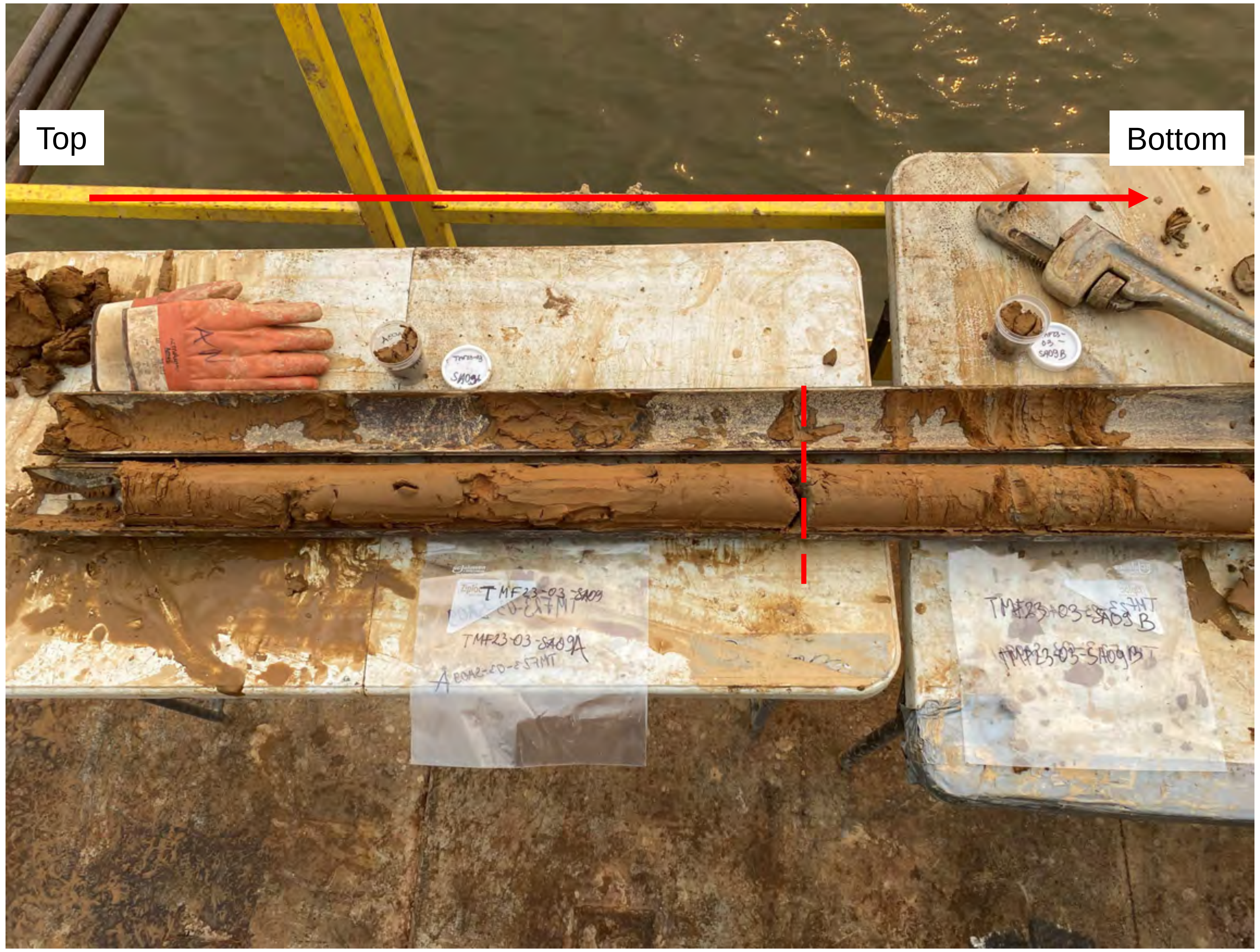


Photo 9: TMF23-03-SA09A (Silt (ML), light brown to dark brown colour) & TMF23-03-SA09B (Sandy Silt (ML); Silt is light brown colour, Sand is grey).

Photo 10: TMF23-03-SA10

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 3, 2023	Approved: AN	Photo Sheet: 5

Photo 11: TMF23-03-SA11A (Silty Sand (SM), grey colour Sand with light brown Silty specks) & TMF23-03-SA11B (Silt (ML) with some sand; Silt is light brown colour, Sand is grey).

- No Photo

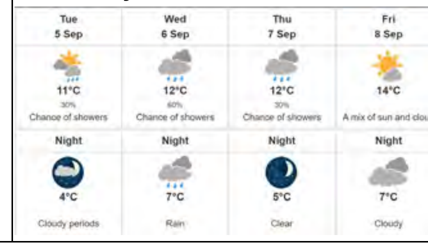
srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: Sept 3, 2023 / Approved: AN / Photo Sheet: 6

SRK Daily Report 042 – 2023 TOVP

Date:	September 4, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Smoky, Cloudy **Afternoon:** Partly sunny, smoky **Wind**: 6 – 16 km/h with gusts up to 39 km/h . **Min:** 9 °C **Max:** 13 °C **Comment:** -
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:



SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.770 masl.
- Drilling operations began around 9:10 once the necessary tube fittings for mud mixing were found and installed in the tank. The newly established mud mixing procedure was followed, as demonstrated in Photo Sheet 2. Some cleaning and maintenance on the tank / valves were required throughout the day.
- While obtaining TMF23-03-SA13, a 1-foot slough was encountered. The 5-foot split spoon sampler was deployed to penetrate the material and collect a sample, but it was unsuccessful. After three attempts to wash out the slough with the mud mix, the hole was finally reclaimed. However, using the Shelby tube to sample from that depth was also unsuccessful as it couldn't penetrate the material. As a result, a 2-foot split spoon sampler was used to penetrate the hard layer and collect the sample. An obstructing plastic pipe was discovered, which prevented other sampling methods from being effective. The plastic pieces retrieved from the hole can be seen in Photo Sheet 4. After consulting with the Orano representative, it was determined that the pipe was not significant.
- Between 17:00 and 17:20, a problem with the generator was encountered and subsequently resolved.
- Photo Sheet 1 shows images of the site at both the beginning and conclusion of the day.

Plan for tomorrow:

- Continue drilling at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-03	9:10	17:30	6.0	In-progress	• Tank / valves maintenance, search for fittings, generator maintenance and mud mixing procedure set-up were required during the day.

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA12	5 ft Split Spoon	409.77	25.24	65.6	• 11 inches of slough were encountered and removed once the split spoon was obtained. • Obtained at 10:15 (Photo Sheet 3)
TMF23-03	TMF23-03-SA13	2 ft Split Spoon	406.78	28.22	54.1	• During TMF23-03-SA13 acquisition, a 1-foot slough was faced. The 5-foot sampler failed to collect a sample. After three mud mix washouts, the hole was reclaimed, but the Shelby tube could not penetrate the material. A 2-foot sampler was used to collect a sample, finding the plastic pipe hindering other methods. See Photo Sheet 4 for plastic pieces retrieved. • Obtained at 16:30 (Photo Sheet 3)

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

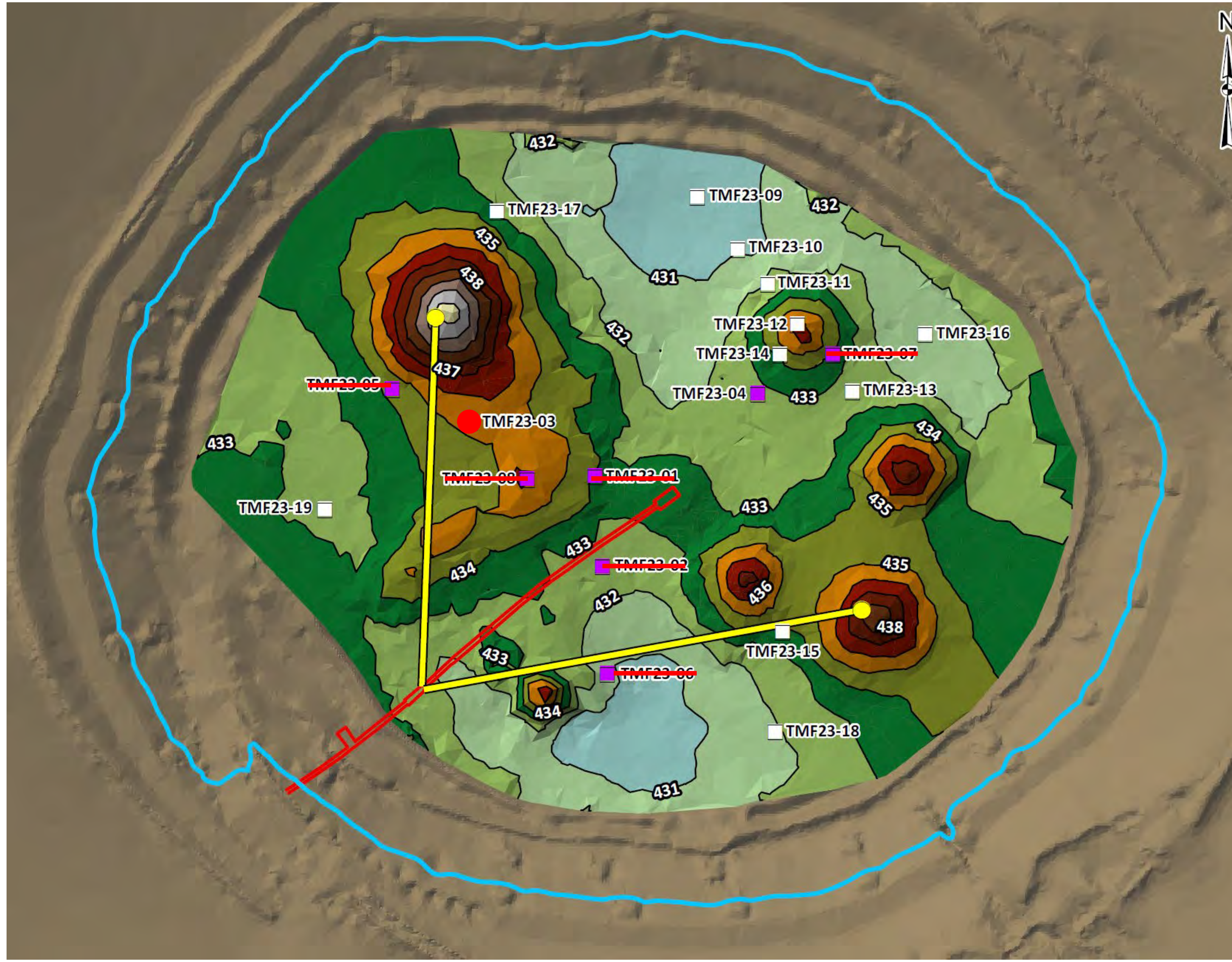
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	Status
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 4, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 4, 2023 / Approved: AN / Photo Sheet: 1

Photo 3: Assembled piece

Photo 4: Tank and mixing procedure set-up

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: Sept 4, 2023	Approved: AN	Photo Sheet: 2

Photo 5: TMF23-03-SA12 (Sandy Silt (ML), Silt is light-brown to pink colour, Sand is grey / dark brown)

Photo 6: TMF23-03-SA13 (Sandy Silt (ML), Silt is light-brown / pink colour, Sand is brown / grey)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 4, 2023 · Approved: AN · Photo Sheet: 3

Photo 7: Plastic piece of pipe retrieved after sampling with 2 foot split spoon at TMF23-03-SA13

Photo 8: Retrieved plastic pieces (closer view)

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: Sept 4, 2023	Approved: AN	Photo Sheet: **4**

SRK Daily Report 043 – 2023 TOVP

Date:	September 5, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 7 – 17 km/h with gusts up to 39 km/h . **Min:** 8 °C **Max:** 12 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	**Summary:** - Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.775 masl.
- Photo Sheet 1 shows images of the site at both the beginning and conclusion of the day.
- During the early afternoon, 4 bags of bentonite remained. The precise quantity will be confirmed tomorrow morning. An additional shipment is expected to arrive on Saturday. The bentonite bags were ordered last week (around Thursday, subject to confirmation), but based on recent information from the site staff, they have not yet been shipped to Saskatoon, potentially because of the long weekend.

Plan for tomorrow:

- Continue drilling at TMF23-03

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-03	7:05	18:05	8.75	In-progress	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA14	5 ft Split Spoon	403.81	31.20	61.7	• Obtained at 8:20 (Photo Sheet 2)
TMF23-03	TMF23-03-SA15	5 ft Split Spoon	401.37	33.64	62.3	• Obtained at 9:40 (Photo Sheet 2)
TMF23-03	TMF23-03-SA16	5 ft Split Spoon	398.37	36.64	53.1	• Obtained at 11:05 (Photo Sheet 3)
TMF23-03	TMF23-03-SA17	Shelby	392.20	42.80	100.0	• Obtained at 13:45 (Photo Sheet 3) • The hole was re-claimed, and Shelby tube was used to sample after all of the slough had been washed out from the inside of steel.
TMF23-03	TMF23-03-SA18	5 ft Split Spoon	388.46	46.54	51.8	• Obtained at 18:04 (Photo Sheet 4)

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

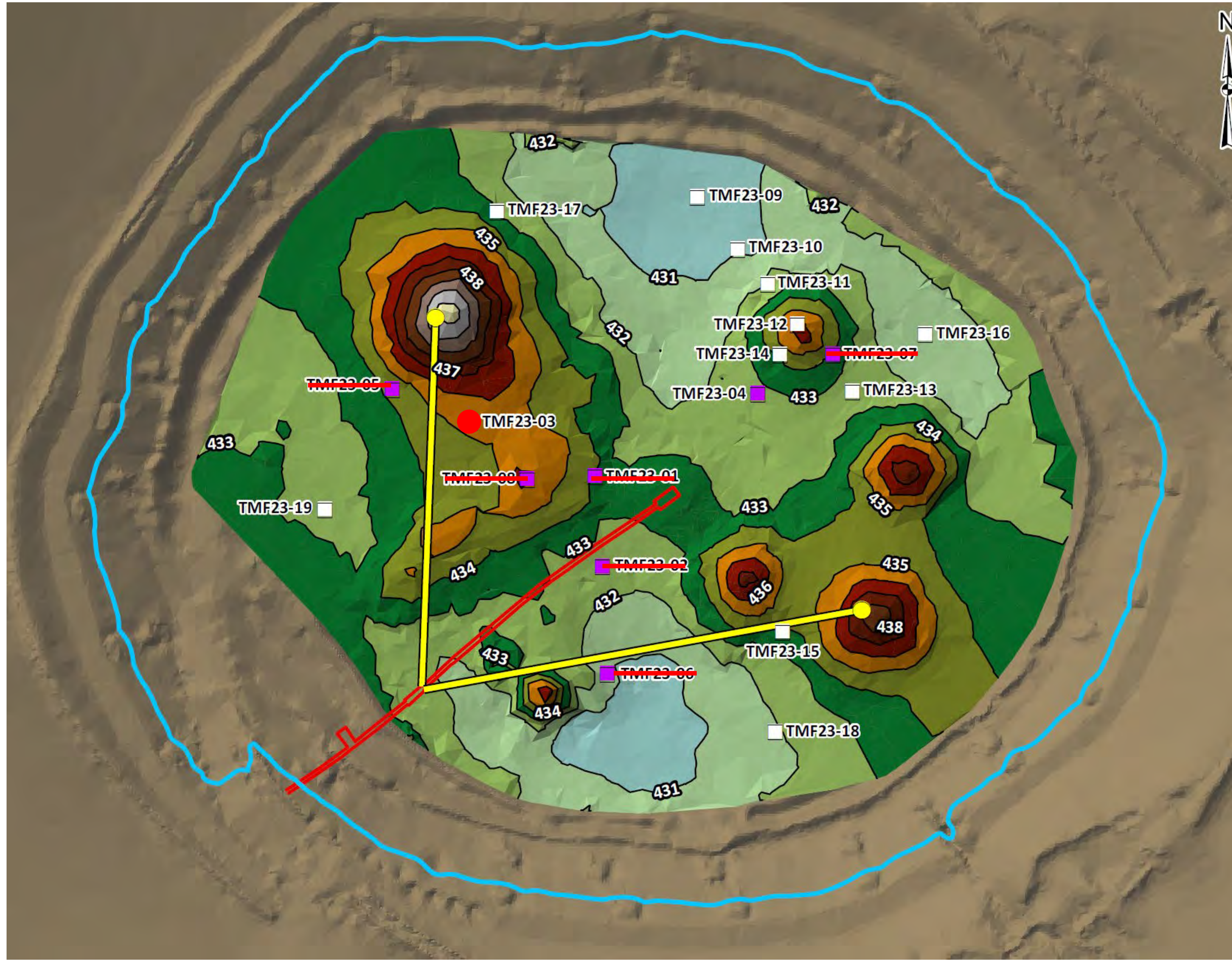
Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
TMF23-03	Incomplete
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 5, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 5, 2023 / Approved: AN / Photo Sheet: 1

Photo 3: TMF23-03-SA14 (Silty Sand (SM) - light brown to grey colour).

Photo 4: TMF23-03-SA15 (Silt (ML) - light grey colour).

srk consulting Project No: CAPR002676 Location: McClean Lake	orano	**2023 TOVP Program** **Daily Report Figure and Photos** Date: Sept 5, 2023 / Approved: AN / Photo Sheet: 2

Photo 5: TMF23-03-SA16 (Silty Sand (SM) – light grey colour with light brown specks)

Photo 6: TMF23-03-SA17

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: Sept 5, 2023	Approved: AN	Photo Sheet: 3

Photo 7: TMF23-03-SA18 (Silty Sand (SM) – light grey colour).

- No Photo

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 5, 2023 · Approved: AN · Photo Sheet: 4

SRK Daily Report 044 – 2023 TOVP

Date:	September 6, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill
Okane Consultants Distribution List:	Josh Paulsen
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov

Today's Weather:
Morning: Partially cloudy
Afternoon: Cloudy, rainy
Wind: 8 – 12 km/h with gusts up to 32 km/h .
Min : 9 °C **Max :** 12 °C
Comment: -

Four Day Outlook:

SAFETY

Safety Meetings: 08:15 – Toolbox talk	**Summary:** ▪ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.778 masl.
- Photo Sheet 1 presents the site conditions and the number of mud additives left.
- During the day, the shipment of bentonite (manifest #45600) was located. It is planned to be shipped to site Thursday morning.
- Two bags of bentonite remain on site. Although drilling at TMF23-03 is complete and bentonite is not needed for TMF23-04's shallow samples, a temporary mix with extra bore seal was devised as a provisional alternative should the need arise.
- Drilling commenced at 8:45 am, delayed due to a morning meeting involving a driller from Paddock Drilling Ltd.
- Slough issues persisted during drilling. The team managed to wash it down to a reasonable height for the 5-foot split spoon sampler, but TMF23-03-SA20 experienced refusal after 3'9" of penetration. Consequently, TMF23-03-SA21 was obtained using a 2-foot split spoon, as the previous sample refused the 5-foot sampler and drilling through the material proved difficult. Multiple attempts were made to reclaim the hole before sampling.

- Drilling at TMF23-03 halted at TMF23-03-SA22. Despite two attempts to reclaim the hole, 11 inches of slough remained. As the 5-foot sampler had previously given a refusal and removing the slough and contaminated portions would leave less than a foot of sample after a considerable amount of additional drilling time, it was decided to abandon the remaining samples and move on to TMF23-04. This decision was also influenced by drilling difficulties and borehole instability, which would allow for more efficient use of the remaining drilling time at TMF23-04. Orano was consulted.

Plan for tomorrow:

- Re-locate the barge to TMF23-04
- Commence drilling at TMF23-04

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours)[1]	Status	Comment
TMF23-03	8:45	17:30	6.75	Complete	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA19	5 ft Split Spoon	386.08	48.92	66.3	• Obtained at 10:30 (Photo Sheet 2)

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-03	TMF23-03-SA20	5 ft Split Spoon	382.67	52.34	55.1	• Obtained at 12:00 (Photo Sheet 2)
TMF23-03	TMF23-03-SA21	2 ft Split Spoon	381.17	53.84	50.8	• Obtained at 16:45 (Photo Sheet 3) • Only 3 feet and 9 inches of penetration occurred before refusal.

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X

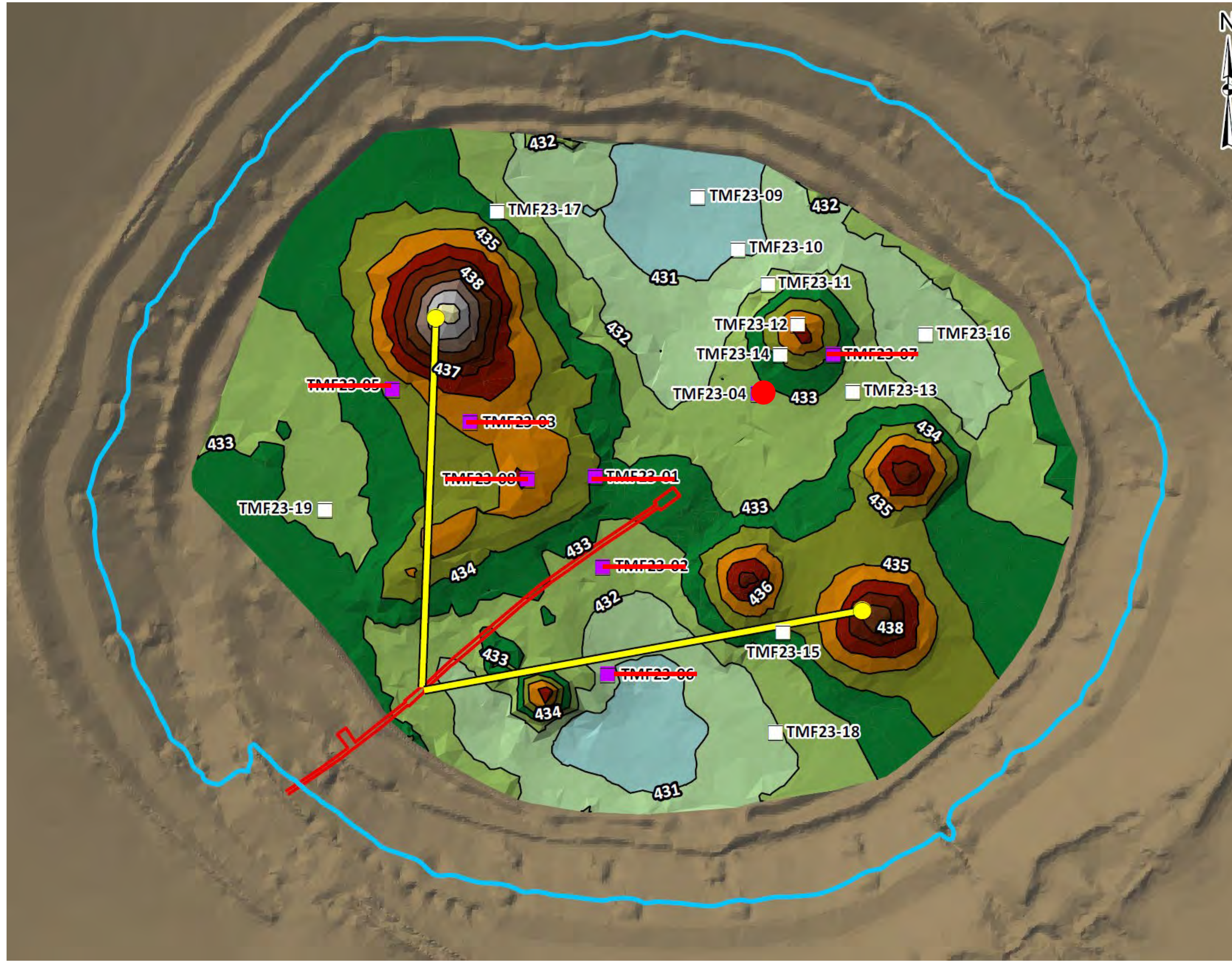
Date [1]	Location ID	Geochemical	Geotechnical
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X

Date [1]	Location ID	Geochemical	Geotechnical
9/07/2023	TMF23-04	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
~~TMF23-03~~	~~Complete~~
TMF23-04	Incomplete
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 6, 2023	AN	1

Photo 1: Site overview

Photo 2: Remaining Mud Additives

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 6, 2023	AN	1

Photo 3: TMF23-03-SA19 (Silty Sand (SM) –grey colour)

Photo 4: TMF23-03-SA20 (Silt (ML) – grey to red colour; structured as striations).

srk consulting	orano	2023 TOVP Program
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: Sept 6, 2023 | Approved: AN | Photo Sheet: 2

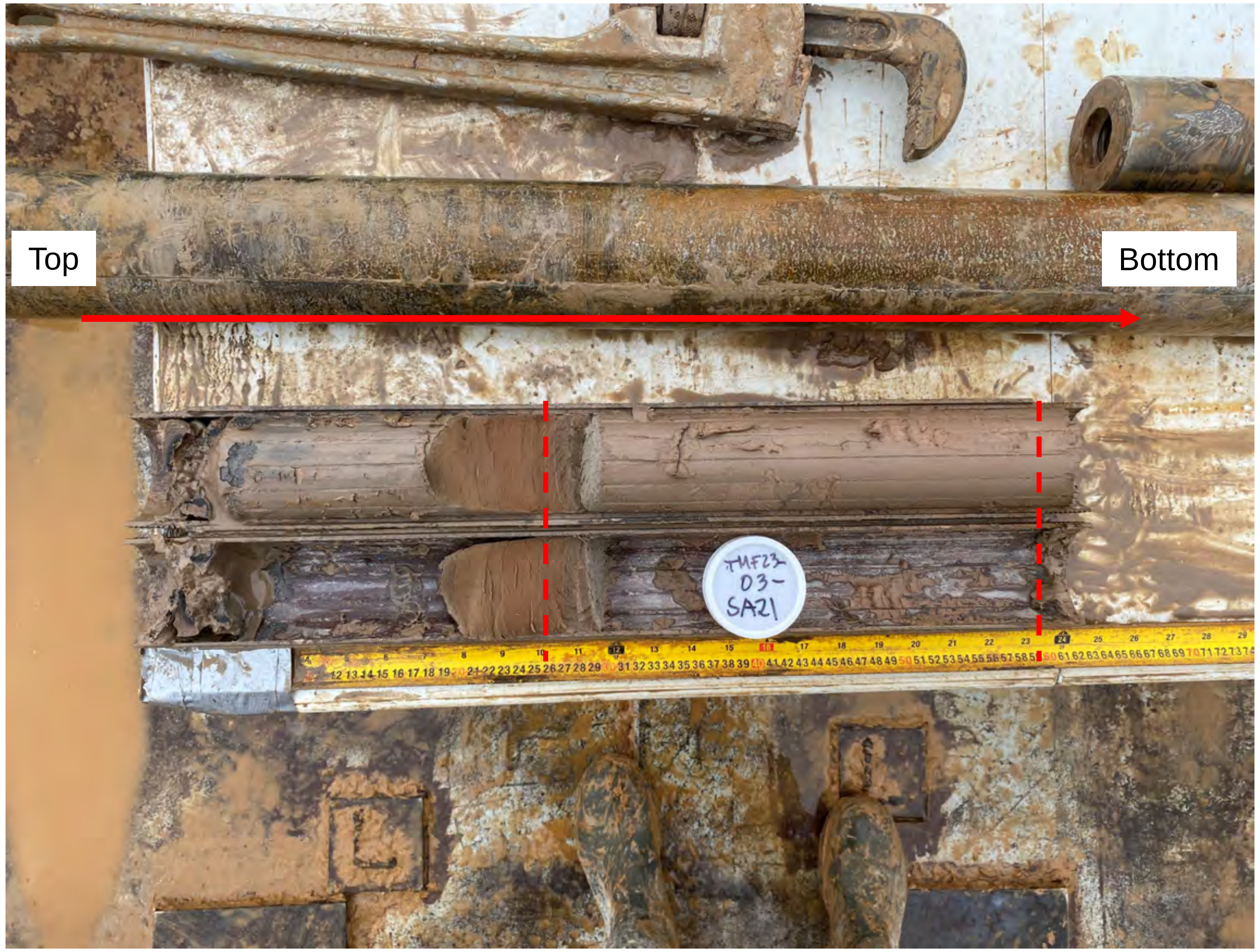


Photo 5: TMF23-03-SA21 (Silt (ML) – light brown to red colour with thin interbedded layers of sand)

- No Photo

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 6, 2023 / Approved: AN / Photo Sheet: 3

SRK Daily Report 045 – 2023 TOVP

Date:	September 7, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Partially cloudy and rainy. **Wind**: 8 – 41 km/h with gusts up to 34 km/h . **Min :** 10 °C **Max :** 14 °C **Comment:** -
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:15 – Toolbox talk	**Summary:** ▪ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.763 masl.
- Photo Sheet 1 displays the site conditions at the beginning and conclusion of the day.
- The anticipated delivery of bentonite is scheduled for Friday morning/afternoon.
- Drilling commenced at 10:50 once the barge had been moved.
- The as-built coordinates for TMF23-04 are 5356.099E and 11234.083N.
- The estimated elevation of tailings is 432.615 masl and elevation of barge's deck is 446.433 masl.
- At 15:30, the seal on the sampler (Shelby tubes) was being replaced.
- All samples were collected using Shelby tubes, except for TMF23-04-SA06. Here, four feet of slough was encountered, and four attempts were made to wash it out. The material continued to heave inside the steel casing even when the sampler was being lowered to the sampling elevation. A 5 ft split spoon sampler was selected

as an alternative. Nevertheless, once the hole was stabilized on the fourth attempt and the split spoon was lowered to the appropriate depth, it sank 1 foot and 9 inches beneath the desired depth, at which point a sample was obtained.

Plan for tomorrow:

- Continue drilling at TMF23-04

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
8:45	TMF23-03	TMF23-04	2.0	• -

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-04	10:50	18:15	7.0	In-progress	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-04	TMF23-04-DREDGE	Dredge	Tailings Surface	-	-	• Photo Sheet 2
TMF23-04	TMF23-04-SA02A	Shelby	432.70	-	75.4	• Obtained at 11:30. • The reduced recovery might have been caused by the sampler not attaining the tailings elevation. Another sample, "B," was gathered 2 feet below the outlined elevation.

TMF23-04	TMF23-04-SA02B	Shelby	432.09	0.52	100.0	• Obtained at 13:25 (Photo Sheet 2) • Only 3 feet and 9 inches of penetration occurred before refusal.
TMF23-04	TMF23-04-SA03	Shelby	429.70	2.92	99.2	• Obtained at 13:50 (Photo Sheet 3)
TMF23-04	TMF23-04-SA04	Shelby	426.09	6.52	93.4	• Obtained at 14:45 (Photo Sheet 3) • First attempt gave yielded no recovery (at 14:30). Another sample was collected 2 ft below the proposed elevation.
TMF23-04	TMF23-04-SA01-GT	Shelby	425.48	7.14	99.2	• Obtained at 15:15
TMF23-04	TMF23-04-SA05	Shelby	424.69	7.92	79.2	• Obtained at 16:21 (Photo Sheet 4)
TMF23-04	TMF23-04-SA06	5 ft Split Spoon	421.04	11.58	68.2	• Obtained at 18:10 (Photo Sheet 4) • 4 ft of slough were encountered before sampling. • The slough was washed out 4 times however, it kept heaving inside the casing when the sampler was lowered into the hole. • 5 ft split was used. It sank 1 ft 9 inches below the proposed elevation after it had been lowered inside the casing.

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X

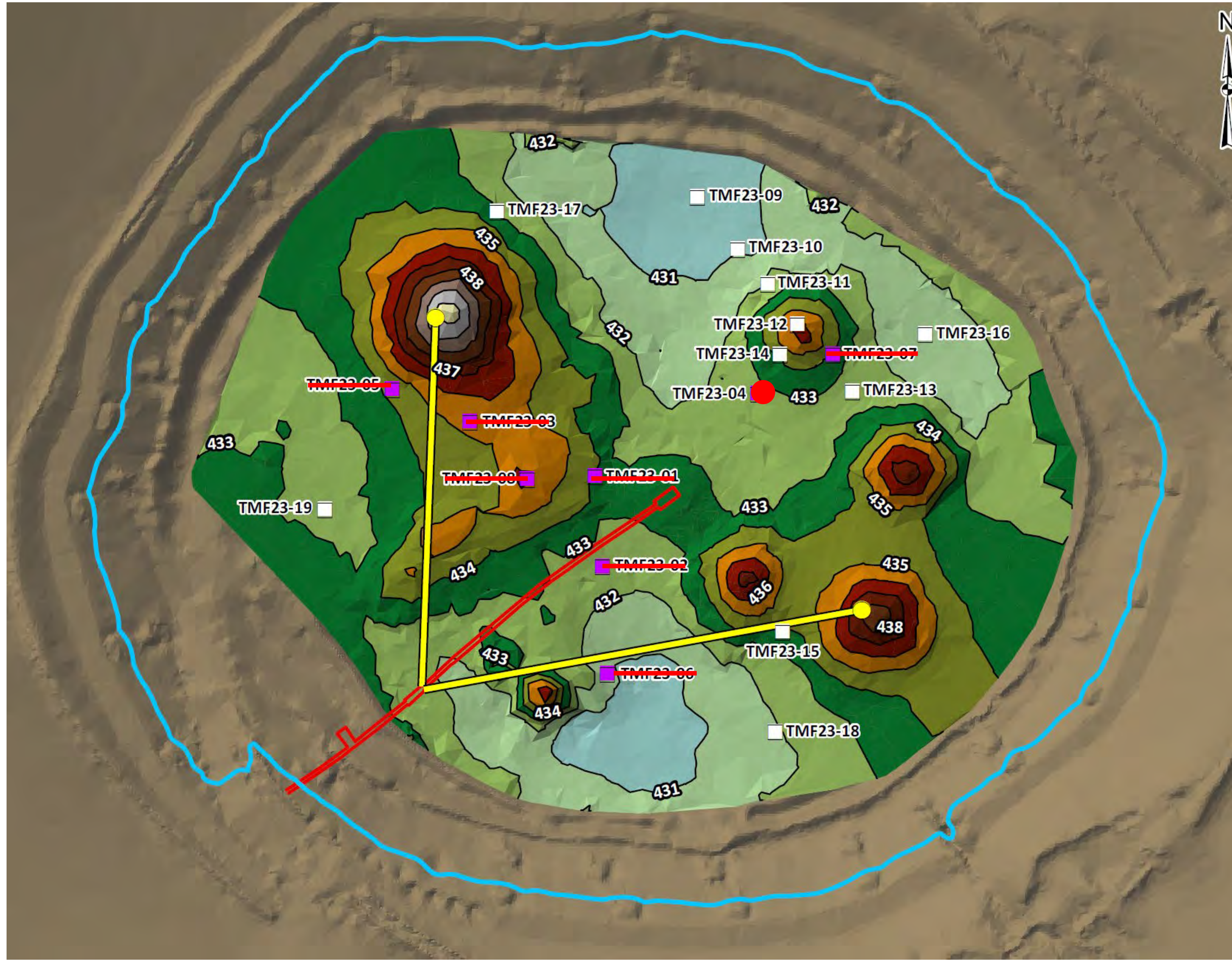
Date [1]	Location ID	Geochemical	Geotechnical
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-

Date [1]	Location ID	Geochemical	Geotechnical
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
~~TMF23-03~~	~~Complete~~
TMF23-04	In-Progress
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 7, 2023	AN	1

Photo 1: Site overview (Morning)

Photo 2: Site overview (Evening)

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 7, 2023	AN	1

Photo 3: TMF23-04-DREDGE

Photo 4: TMF23-04-SA02B

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 7, 2023 / Approved: AN / Photo Sheet: 2

Photo 3: TMF23-04-SA03

Photo 4: TMF23-04-SA04

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 7, 2023	AN	3

Photo 3: TMF23-04-SA05

Photo 4: TMF23-04-SA06 (Sand (SM) – light brown colour).

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: Sept 7, 2023 / Approved: AN / Photo Sheet: 4

SRK Daily Report 046 – 2023 TOVP

Date:	September 8, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Partially cloudy **Afternoon:** Partially cloudy and rainy **Wind**: 5 – 16 km/h **Min :** 14.4 °C **Max :** 2.0 °C **Comment:** -
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:15 – Toolbox talk	**Summary:** ▪ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.786 masl.
- Drilling commenced at 07:10 and ended at 17:45 at location TMF23-04-SA13. Throughout three attempts to recover the hole, the slough continued to rise within the steel casing at the depth of TMF23-04-SA13, engulfing the measuring tape. It was determined to try and reclaim the hole again tomorrow.

Plan for tomorrow:

- Continue drilling at TMF23-04

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-04	07:10	17:45	8.75	In-progress	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-04	TMF23-04-SA07	5 ft Split Spoon	418.65	13.96	54.5	• Obtained at 8:30 (Photo Sheet 1). • Upon lowering the spoon sample into the hole, it sank 0.051 m below the target depth.
TMF23-04	TMF23-04-SA08A	5 ft Split Spoon	415.70	16.92	62.3	• Obtained at 9:10 (Photo Sheet 1). • The sample TMF23-04-SA08 was split into two (‘A’ and ‘B’ due to the change in material)
TMF23-04	TMF23-04-SA08B	5 ft Split Spoon	414.55	18.06	21.0	• Obtained at 9:10 (Photo Sheet 1).
TMF23-04	TMF23-04-SA09	Shelby	412.55	20.06	100.0	• Obtained at 10:30 (Photo Sheet 2).
TMF23-04	TMF23-04-SA02-GT	Shelby	411.94	20.68	75.1	• Obtained at 10:50

Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recover[1] (%)	Comment
TMF23-04	TMF23-04-SA10	5 ft Split Spoon	409.50	23.12	59.1	• Obtained at 14:25 (Photo Sheet 2).
TMF23-04	TMF23-04-SA11	5 ft Split Spoon	406.42	26.20	86.0	• Obtained at 15:30 (Photo Sheet 3). • Upon lowering the spoon sample into the hole, it sank 0.076 m below the target depth.
TMF23-04	TMF23-04-SA12	5 ft Split Spoon	403.61	29.00	61.0	• Obtained at 17:00 (Photo Sheet 3). • Upon lowering the spoon sample into the hole, it sank 0.203 m below the target depth. • The split spoon penetrated only 3 feet 11 inches into the material before encountering strong resistance. Beyond that point, it was decided to retrieve the sample to prevent bending the AWJ rods or causing breakage.

[1] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A

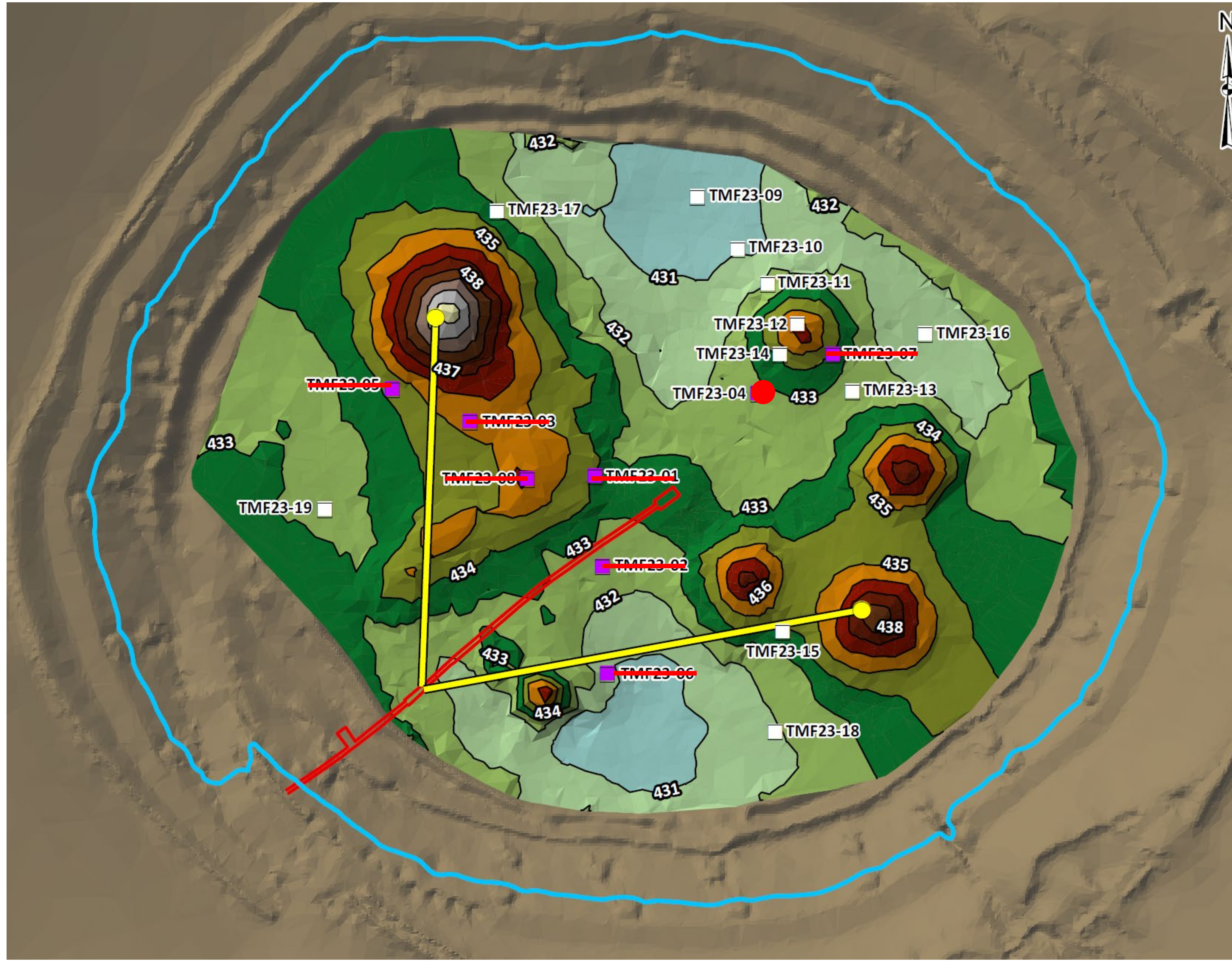
Date [1]	Location ID	Geochemical	Geotechnical
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X

Date [1]	Location ID	Geochemical	Geotechnical
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
~~TMF23-03~~	~~Complete~~
TMF23-04	In-Progress
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 8, 2023	AN	1

Photo 1: TMF23-04-SA07 (Sand(SP) – light brown colour, little silt).

Photo 2: TMF23-04-SA08A (Mix of Sand (SP) and Silt (ML) – light brown colour) & TMF23-04-SA08B (Silt (ML) –light brown colour)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: Sept 8, 2023 / Approved: AN / Photo Sheet: 1

Photo 3: TMF23-04-SA09

Photo 4: TMF23-04-SA10 (Silt (ML) – light brown to orange colour, trace sand)

srk consulting

Project No: CAPR002676
Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 8, 2023	AN	2

Photo 5: TMF23-04-SA11 (Silt (ML) – light brown / orange / red colour).

Photo 6: TMF23-04-SA12 (Silt (ML) – orange to grey (center of the core) colour).

srk consulting	orano	2023 TOVP Program		
Project No: CAPR002676		Daily Report Figure and Photos		
Location: McClean Lake		Date: Sept 8, 2023	Approved: AN	Photo Sheet: 3

SRK Daily Report 047 – 2023 TOVP

Date:	September 9, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Foggy **Afternoon:** Sunny **Wind**: 4 – 8 km/h with gusts up to 20 km/h **Min :** 9 °C **Max :** 15 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

SAFETY

Safety Meetings: 06:15 – Toolbox talk	**Summary:** - Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.759 masl.
- Photo Sheet 1 displays the site overview at the start and end of the day.
- In the morning, while sampling TMF23-04-SA13, a 50 ft slough was encountered. Numerous attempts were made to recover the hole, but the material continued to rise in the pipe, even engulfing the measuring tape lowered into the casing. A pressure bubble may have formed at the bottom of the casing due to multiple attempts to wash away the slough, as water was observed coming out of the steel casing after drilling. After trying to reclaim the hole, the sample was brought to approximately 3 ft of slough before the 5 ft sampler was lowered and utilized. Upon gathering the sample and opening the split spoon, it was observed that the expanded material (slough) consists of artesian sand.
- Similar issue was encountered when sampling TMF23-04-SA14.
- If additional problems with rising material occur, drilling will be stopped at the site, given that the samples could potentially be substantially contaminated with drilling fluid or mixed at the bottom of the casing while trying to wash away the slough. This approach would also ensure the effective utilization of the remaining drilling time at TMF23-04-09.

Plan for tomorrow:

- Continue drilling at TMF23-04
- If time allows, proceed to the location of TMF23-09 and initiate drilling there.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-04	06:45	18:00	9.25	In-progress	• -

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl) [1]	Depth into Tailings (m)	Recovery [2] (%)	Comment
TMF23-04	TMF23-04-SA13	5 ft Split Spoon	400.71	31.90	19.7	• Obtained at 9:30 (Photo Sheet 2). • 50 ft of slough was encountered, and numerous attempts were made to wash it out. • Final slough height was approximately 3'.
TMF23-04	TMF23-04-SA14	5 ft Split Spoon	397.69	34.92	30.8	• Obtained at 14:30 (Photo Sheet 2). • Final slough height was approximately 2'9''.

Location ID	Sample Name	Sample Type	Sample Elevation (masl) [1]	Depth into Tailings (m)	Recovery [2] (%)	Comment
TMF23-04	TMF23-04-SA15	5 ft Split Spoon	393.40	39.22	69.6	• Obtained at 16:07 (Photo Sheet 3). • Final slough height was approximately 8''.
TMF23-04	TMF23-04-SA16	5 ft Split Spoon	390.30	42.32	63.6	• Obtained at 16:50 (Photo Sheet 3). • Final slough height was approximately 1'.
TMF23-04	TMF23-04-SA17	5 ft Split Spoon	387.02	45.60	59.0	• Obtained at 17:45 (Photo Sheet 4). • Final slough height was approximately 1'7''.

[1] The elevations do not include the height of the slough that was removed for the split spoon samples.

[2] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A

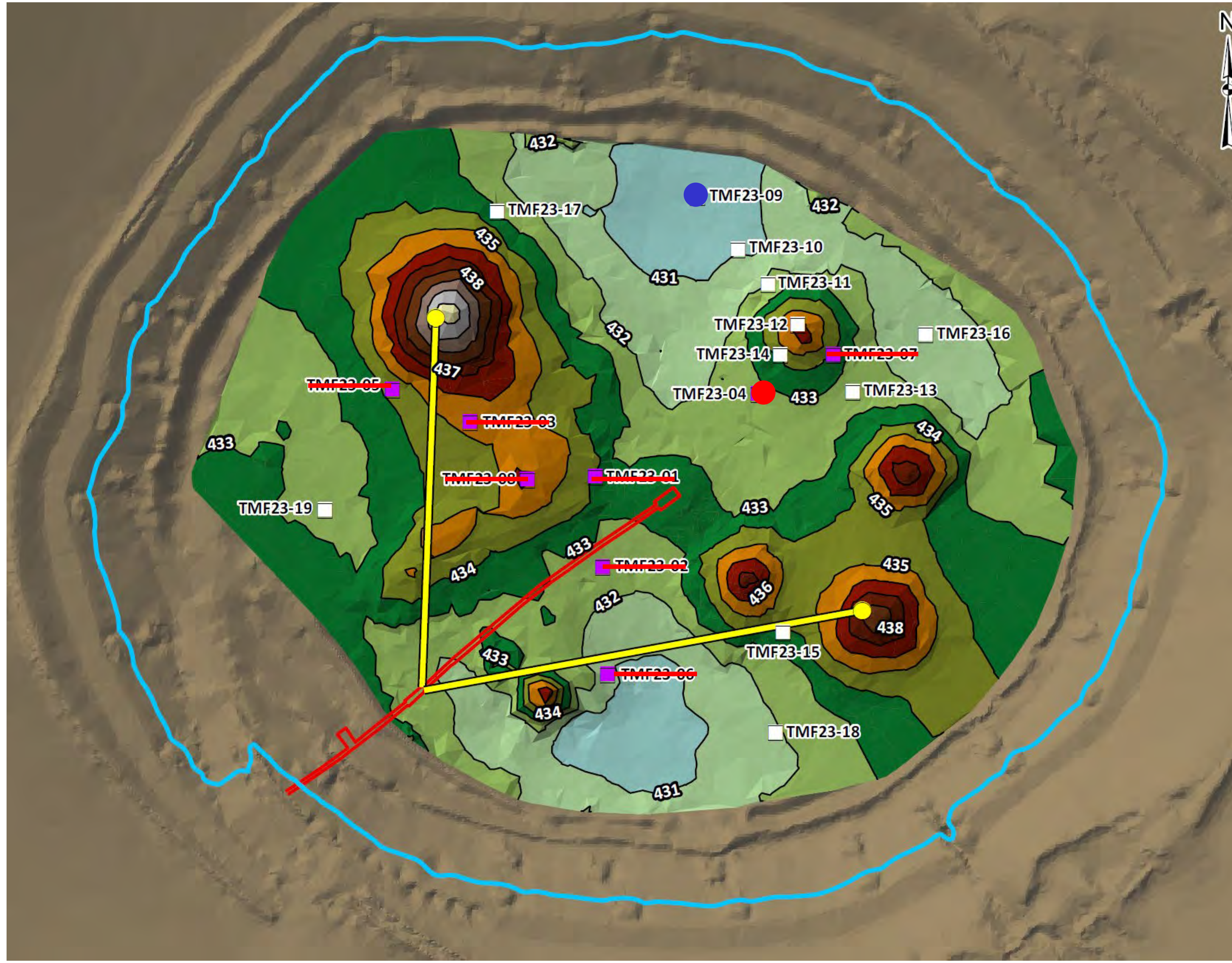
Date [1]	Location ID	Geochemical	Geotechnical
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X

Date [1]	Location ID	Geochemical	Geotechnical
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X
9/10/2023	TMF23-04	X	-
9/10/2023	TMF23-09	-	X

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
~~TMF23-03~~	~~Complete~~
TMF23-04	In-Progress
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 9, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 9, 2023 | Approved: AN | Photo Sheet: 1

Photo 3: TMF23-04-SA13 (Silt (ML) – light brown colour).

Photo 4: TMF23-04-SA14 (Silt (ML) – light brown to orange colour).

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report Figure and Photos**
		Date: Sept 9, 2023 | Approved: AN | Photo Sheet: 2

Photo 5: TMF23-04-SA15 (Silt (ML) – light brown / red colour).

Photo 6: TMF23-04-SA16 (Silt (ML) – grey colour, striated structure, medium plasticity).

srk consulting	orano	**2023 TOVP Program**
		Daily Report Figure and Photos
Project No: CAPR002676 Location: McClean Lake		Date: Sept 9, 2023 / Approved: AN / Photo Sheet: 3

Photo 7: TMF23-04-SA17 (Silt (ML) – grey colour, striated structure. Medium plasticity).

- No Photo

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 9, 2023 / Approved: AN / Photo Sheet: 4

SRK Daily Report 048 – 2023 TOVP

Date:	September 10, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 6 – 12 km/h with gusts up to 24 km/h **Min :** 11 °C **Max :** 18 °C **Comment:** -
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

SAFETY

Safety Meetings: 06:15 – Toolbox talk	**Summary:** ▪ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- The recorded water level was 445.754 masl.
- Photo Sheet 1 displays the site overview at the start and end of the day.
- All geochemical boreholes are now complete.
- After finishing the drilling operations at TMF23-04, it was concluded that there was insufficient time to move the barge to the geotechnical hole and collect samples. This is due to the constraints of docking the barge tomorrow afternoon and the limited time remaining today. In consultation with Orano, it has been decided that the geotechnical holes may possibly be drilled during the subsequent program.
- At the end of the report, Summary Table 1 (DRAFT) presents an extensive summary of each sample collected during the September shift, including measurements of slough with adjusted elevations, recoveries, and other related data.
- The buoys were picked up in the afternoon. Two remaining ones will be collected tomorrow morning.

Plan for tomorrow:

- Cleaning-up
- Docking of the barge

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
N/A				

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM)	Duration (Hours) [1]	Status	Comment
TMF23-04	06:50	16:55	8.5	In-progress	• -The drillhole is complete

[1] The time does not incorporate loading/unloading, clean-up, barge adjustments, technical issues, weather interruptions, lunch, and equipment preparation.

Daily Sampling Progress

Location ID	Sample Name	Sample Type	Sample Elevation (masl) [1]	Depth into Tailings (m)	Recovery [2] (%)	Comment
TMF23-04	TMF23-04-SA18	5 ft Split Spoon	383.92	48.70	47.2	• Obtained at 8:00 (Photo Sheet 2). • Final slough height was approximately 9''.
TMF23-04	TMF23-04-SA19	5 ft Split Spoon	380.52	52.10	72.2	• Obtained at 09:35 (Photo Sheet 2). • Final slough height was approximately 8''.
TMF23-04	TMF23-04-SA20	5 ft Split Spoon	377.80	54.82	58.4	• Obtained at 11:20 (Photo Sheet 3). • Final slough height was approximately 4''.

Location ID	Sample Name	Sample Type	Sample Elevation (masl) [1]	Depth into Tailings (m)	Recovery [2] (%)	Comment
TMF23-04	TMF23-04-SA21	5 ft Split Spoon	373.61	59.00	42.0	• Obtained at 14:47 (Photo Sheet 3). • Final slough height was approximately 9''.

[1] The elevations do not include the height of the slough that was removed for the split spoon samples. The elevations at which the spoon was pushed are presented in Summary Table 1 in the Attachments.

[2] Recovery is estimated based on the maximum 2 ft penetration for Shelby tubes and 5 ft or 2 ft for the Split Spoon (depending on the sampler used).

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X

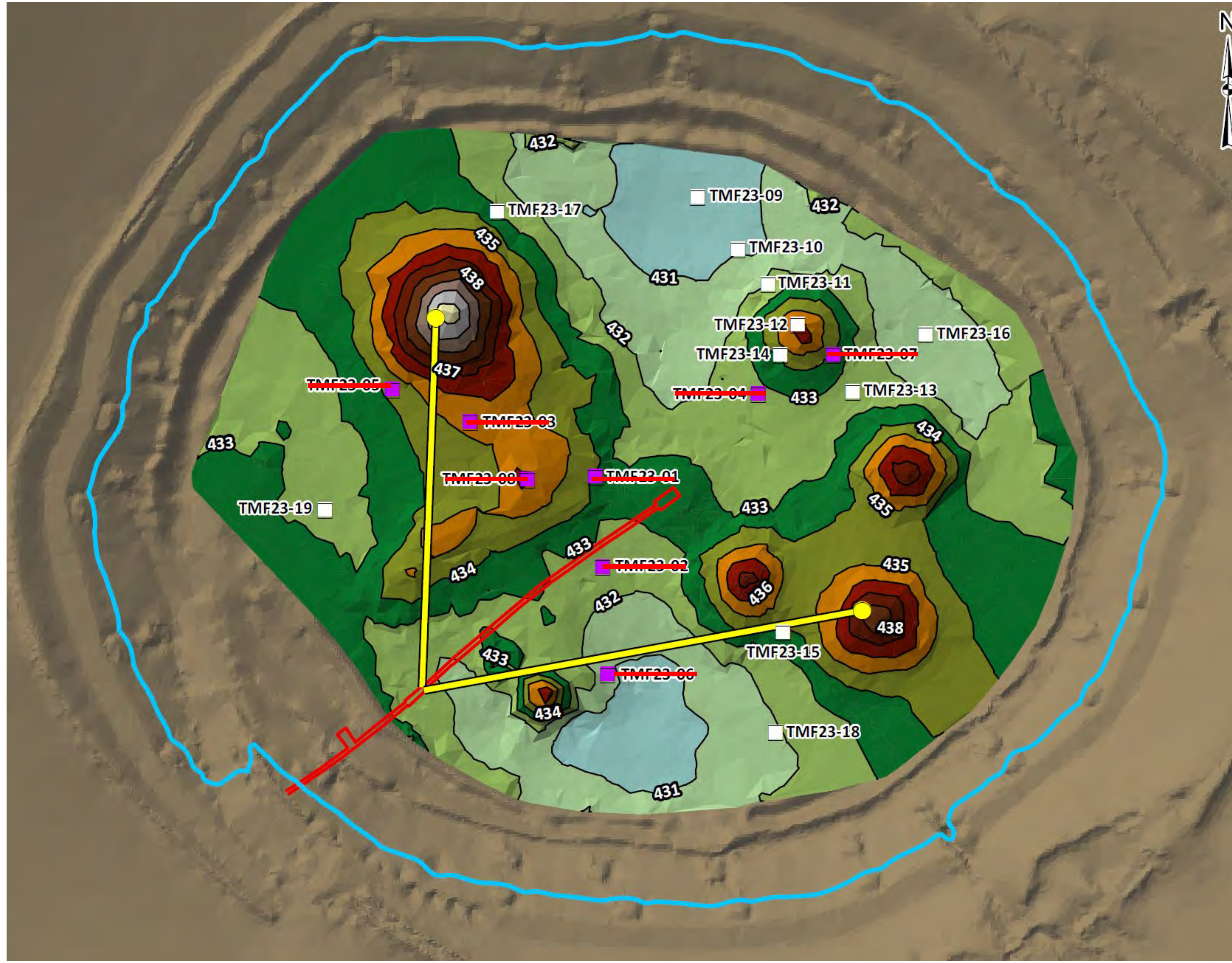
Date [1]	Location ID	Geochemical	Geotechnical
7/27/2023	TMF23-06	X	X
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X

Date [1]	Location ID	Geochemical	Geotechnical
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X
9/10/2023	TMF23-04	X	X
9/11/2023	-	-	-

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Drilling Program	
Hole ID	**Status**
~~TMF23-01~~	~~Complete~~
~~TMF23-02~~	~~Complete~~
~~TMF23-03~~	~~Complete~~
~~TMF23-04~~	~~Complete~~
~~TMF23-05~~	~~Complete~~
~~TMF23-06~~	~~Complete~~
~~TMF23-07~~	~~Complete~~
~~TMF23-08~~	~~Complete~~
TMF23-09	Incomplete
TMF23-10	Incomplete
TMF23-11	Incomplete
TMF23-12	Incomplete
TMF23-13	Incomplete
TMF23-14	Incomplete
TMF23-15	Incomplete
TMF23-16	Incomplete
TMF23-17	Incomplete
TMF23-18	Incomplete
TMF23-19	Incomplete



Legend

In Progress

Complete

Planned

srk consulting

Project No: CAPR002676

Location: McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Figure:
Sept 10, 2023	AN	1

Photo 1: Site overview at the beginning of the day

Photo 2: Site overview at the end of the day

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676 Location: McClean Lake		**Daily Report** **Figure and Photos**
		Date: Sept 10, 2023 | Approved: AN | Photo Sheet: 1

Photo 3: TMF23-04-SA18 (Silt (ML) – grey / red / light brown colour).

Photo 4: TMF23-04-SA19 (Silt (ML) – red / light brown colour)

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 10, 2023	AN	2

Photo 5: TMF23-04-SA20 (Silt (ML) – grey / light brown colour).

Photo 6: TMF23-04-SA21 (Silt (ML) –brown to greyish colour)

srk consulting	orano	2023 TOVP Program
Project No: CAPR002676		Daily Report Figure and Photos
Location: McClean Lake		Date: Sept 10, 2023 / Approved: AN / Photo Sheet: 3

TOVP September Samples (TMF23-03 & TMF23-04)

Table 1: Summary Table

Borehole Identifier	Sample Identifier	Sample Type	Elevation Post-Slough Removal (masl)	Depth Below Tailings Post-Slough Removal (mbgs)	Slough Height (m)	Adjusted Penetration Elevation (Starting at Slough) (masl)	Adjusted Penetration Depth Below Tailings (Starting at Slough) (mbgs)	Recovery (Relative to the Sampler Type) (%)
TMF23-03	TMF23-03-SA02	Shelby	432.97	2.04	-	-	-	90.0
TMF23-03	TMF23-03-SA03	Shelby	430.58	4.42	-	-	-	54.1
TMF23-03	TMF23-03-SA03B	Shelby	429.97	5.04	-	-	-	77.0
TMF23-03	TMF23-03-SA04	Shelby	427.58	7.42	-	-	-	98.4
TMF23-03	TMF23-03-SA01-GT	Shelby	426.97	8.04	-	-	-	77.0
TMF23-03	TMF23-03-SA05	Shelby	424.58	10.42	-	-	-	100.0
TMF23-03	TMF23-03-SA06	Shelby	421.58	13.42	-	-	-	100.0
TMF23-03	TMF23-03-SA07	5 ft Split Spoon	419.38	15.62	0.41	419.79	15.21	49.9
TMF23-03	TMF23-03-SA08	5 ft Split Spoon	416.89	18.12	0.36	417.25	17.76	70.2
TMF23-03	TMF23-03-SA09A	5 ft Split Spoon	414.37	20.64	0.00	414.37	20.64	50.5
TMF23-03	TMF23-03-SA09B	5 ft Split Spoon	413.43	21.58	0.00	413.43	21.58	32.8
TMF23-03	TMF23-03-SA10	Shelby	412.57	22.44	-	-	-	100.0
TMF23-03	TMF23-03-SA02-GT	Shelby	411.96	23.04	-	-	-	100.0
TMF23-03	TMF23-03-SA11A	5 ft Split Spoon	411.35	23.66	0.00	411.35	23.66	26.2
TMF23-03	TMF23-03-SA11B	5 ft Split Spoon	410.65	24.36	0.00	410.65	24.36	36.1
TMF23-03	TMF23-03-SA12	5 ft Split Spoon	409.77	25.24	0.28	410.05	24.96	65.6
TMF23-03	TMF23-03-SA13	2 ft Split Spoon	406.78	28.22	0.30	407.08	27.92	54.1
TMF23-03	TMF23-03-SA14	5 ft Split Spoon	403.81	31.20	0.33	404.14	30.87	61.7
TMF23-03	TMF23-03-SA15	5 ft Split Spoon	401.37	33.64	0.30	401.67	33.34	62.3
TMF23-03	TMF23-03-SA16	5 ft Split Spoon	398.37	36.64	0.28	398.65	36.36	53.1

Borehole Identifier	Sample Identifier	Sample Type	Elevation Post-Slough Removal (masl)	Depth Below Tailings Post-Slough Removal (mbgs)	Slough Height (m)	Adjusted Penetration Elevation (Starting at Slough) (masl)	Adjusted Penetration Depth Below Tailings (Starting at Slough) (mbgs)	Recovery (Relative to the Sampler Type) (%)
TMF23-03	TMF23-03-SA17	Shelby	392.20	42.80	-	-	-	100.0
TMF23-03	TMF23-03-SA18	5 ft Split Spoon	388.46	46.54	0.41	388.87	46.13	51.8
TMF23-03	TMF23-03-SA19	5 ft Split Spoon	386.08	48.92	0.13	386.21	48.79	66.3
TMF23-03	TMF23-03-SA20	5 ft Split Spoon	382.67	52.34	0.18	382.85	52.16	55.1
TMF23-03	TMF23-03-SA21	2 ft Split Spoon	381.17	53.84	0.18	381.35	53.66	50.8
TMF23-04	TMF23-04-DREDGE	Dredge	Tailings Surface	-	-	-	-	-
TMF23-04	TMF23-04-SA02A	Shelby	432.70	-	-	-	-	75.4
TMF23-04	TMF23-04-SA02B	Shelby	432.09	0.52	-	-	-	100.0
TMF23-04	TMF23-04-SA03	Shelby	429.70	2.92	-	-	-	99.2
TMF23-04	TMF23-04-SA04	Shelby	426.09	6.52	-	-	-	93.4
TMF23-04	TMF23-04-SA01-GT	Shelby	425.48	7.14	-	-	-	99.2
TMF23-04	TMF23-04-SA05	Shelby	424.69	7.92	-	-	-	79.2
TMF23-04	TMF23-04-SA06	5 ft Split Spoon	421.04	11.58	0.00	421.04	11.58	68.2
TMF23-04	TMF23-04-SA07	5 ft Split Spoon	418.65	13.96	0.00	418.65	13.96	54.5
TMF23-04	TMF23-04-SA08A	5 ft Split Spoon	415.70	16.92	0.00	415.70	16.92	62.3
TMF23-04	TMF23-04-SA08B	5 ft Split Spoon	414.55	18.06	0.00	414.55	18.06	21.0
TMF23-04	TMF23-04-SA09	Shelby	412.55	20.06	-	-	-	100.0
TMF23-04	TMF23-04-SA02-GT	Shelby	411.94	20.68	-	-	-	75.1
TMF23-04	TMF23-04-SA10	5 ft Split Spoon	409.50	23.12	0.76	410.26	22.36	59.1
TMF23-04	TMF23-04-SA11	5 ft Split Spoon	406.42	26.20	0.00	406.42	26.20	86.0
TMF23-04	TMF23-04-SA12	5 ft Split Spoon	403.61	29.00	0.00	403.61	29.00	61.0
TMF23-04	TMF23-04-SA13	5 ft Split Spoon	400.71	31.90	0.91	401.62	30.99	19.7

Borehole Identifier	Sample Identifier	Sample Type	Elevation Post-Slough Removal (masl)	Depth Below Tailings Post-Slough Removal (mbgs)	Slough Height (m)	Adjusted Penetration Elevation (Starting at Slough) (masl)	Adjusted Penetration Depth Below Tailings (Starting at Slough) (mbgs)	Recovery (Relative to the Sampler Type) (%)
TMF23-04	TMF23-04-SA14	5 ft Split Spoon	397.69	34.92	0.84	398.53	34.08	30.8
TMF23-04	TMF23-04-SA15	5 ft Split Spoon	393.40	39.22	0.20	393.60	39.02	69.6
TMF23-04	TMF23-04-SA16	5 ft Split Spoon	390.30	42.32	0.30	390.60	42.02	63.6
TMF23-04	TMF23-04-SA17	5 ft Split Spoon	387.02	45.60	0.48	387.50	45.12	59.0
TMF23-04	TMF23-04-SA18	5 ft Split Spoon	383.92	48.70	0.23	384.15	48.47	47.2
TMF23-04	TMF23-04-SA19	5 ft Split Spoon	380.52	52.10	0.20	380.72	51.90	72.2
TMF23-04	TMF23-04-SA20	5 ft Split Spoon	377.80	54.82	0.10	377.90	54.72	58.4
TMF23-04	TMF23-04-SA21	5 ft Split Spoon	373.61	59.00	0.23	373.84	58.77	42.0

SRK Daily Report 049 – 2023 TOVP

Date:	September 11, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	Yes
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	Yes
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	Yes
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 13 – 19 km/h with gusts up to 44 km/h **Min :** 12 °C **Max :** 19 °C **Comment:** -	**Four Day Outlook:** 
Okane Consultants Distribution List:	Josh Paulsen		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov		

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Photo Sheet 1 shows a site overview at both the beginning of the day and final location of the barge in the afternoon.
- Drilling activities were not conducted on this day due to the program's completion.
- The barge was moved to shore at approximately 11:00.
- Paddock Drilling successfully passed the radiation inspection and is set to depart the site tomorrow morning.
- Inventory and sorting of geotechnical samples were carried out (Photo Sheet 4). A list of the samples, including their type and weight, can be found in Appendix A.
- Images of the barge landing are included in Photo Sheets 2 and 3.
- There are no site activities planned for tomorrow. Due to a ticket issue, SRK's departure from the site has been rescheduled to Wednesday instead of Tuesday (tomorrow). Reporting and housekeeping activities are expected to be carried out tomorrow. If needed, assistance with geochemical testing will be provided to Orano.

Information pertaining to the Barge Movements, CPTu, drilling, and sampling progress are summarized in the following tables.

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
10:15	TMF23-04	Launching Point	0.5	• -

Tentative Program Schedule

Date [1]	Location ID	Geochemical	Geotechnical
7/4/2023	TMF23-05	X	-
7/5/2023	TMF23-05	X	X
7/6/2023	TMF23-05	X	X
7/19/2023	TMF23-08	X	-
7/20/2023	TMF23-08	X	-
7/20/2023	TMF23-07	X	X
7/21/2023	TMF23-07	X	X
7/22/2023	TMF23-07	X	X
7/23/2023	-	N/A	N/A
7/24/2023[3]	TMF23-01	N/A	N/A
7/24/2023[3]	TMF23-02	N/A	N/A
7/25/2023	TMF23-07	X	X
7/25/2023	TMF23-06	X	X
7/26/2023	TMF23-06	X	X
7/27/2023	TMF23-06	X	X

Date [1]	Location ID	Geochemical	Geotechnical
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X

Date [1]	Location ID	Geochemical	Geotechnical
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X
9/10/2023	TMF23-04	X	X
9/11/2023	-	-	-
9/12/2023	-	-	-

Notes:

1. The CPTu campaign was completed on July 4th. For clarity and conciseness, the progress of the CPTu campaign has been removed from the table.
2. **Green** = Hole completed, **Orange** = Hole in progress, **Red** = Weather Delay, **Purple** = Equipment Delay (Drill breakdown, waiting for equipment to ship to site), **Blue** = Planned.
3. Dredge samples were taken from the support boat on July 24th as the was drill broken down.

Photo 1: Site overview at the beginning of the day

Photo 2: Barge location in the afternoon

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: Sept 11, 2023 / Approved: AN / Photo Sheet: 1

Photo 3: Barge Landing (Part 1)

Photo 4: Barge Landing (Part 2)

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 11, 2023	Approved: AN	Photo Sheet: 2

Photo 5: Removal of the Drill from the Barge (Part 1)

Photo 6: Removal of the Drill from the Barge (Part 2)

srk consulting	orano	**2023 TOVP Program**
Project No: CAPR002676		**Daily Report Figure and Photos**
Location: McClean Lake		Date: Sept 11, 2023 / Approved: AN / Photo Sheet: 3

Photo 7: Geotechnical Sample Bags

Photo 8: Geotechnical Shelby Tubes

srk consulting

Project No:	CAPR002676
Location:	McClean Lake

orano

2023 TOVP Program

Daily Report
Figure and Photos

Date:	Approved:	Photo Sheet:
Sept 11, 2023	AN	4

Appendix A – Geotechnical Samples Shipping Summary

Borehole ID	Sample ID	Sample Type	Mass (g)
TMF23-03	TMF23-03-SA01-GT	Shelby Tube	5170.0
TMF23-03	TMF23-03-SA02-GT	Shelby Tube	6135.0
TMF23-04	TMF23-04-SA01-GT	Shelby Tube	7080.0
TMF23-04	TMF23-04-SA02-GT	Shelby Tube	5795.0
TMF23-05	TMF23-05-SA01-GT	Shelby Tube	5850.0
TMF23-05	TMF23-05-SA02-GT	Shelby Tube	6210.0
TMF23-06	TMF23-06-SA01-GT	Shelby Tube	6240.0
TMF23-06	TMF23-06-SA02-GT	Shelby Tube	6440.0
TMF23-06	TMF23-06-SA03-GT	Shelby Tube	4693.0
TMF23-07	TMF23-07-SA01-GT	Shelby Tube	6666.0
TMF23-07	TMF23-07-SA02-GT	Shelby Tube	5937.0
TMF23-07	TMF23-07-SA03-GT	Shelby Tube	5274.0
TMF23-02	TMF23-02-SA10	Grab (Leftovers)	410.0
TMF23-02	TMF23-02-SA12	Grab (Leftovers)	354.4
TMF23-02	TMF23-02-SA14	Grab (Leftovers)	2151.2
TMF23-02	TMF23-02-SA15	Grab (Leftovers)	806.8
TMF23-03	TMF23-03-SA10	Grab (Leftovers)	1231.6
TMF23-03	TMF23-03-SA17	Grab (Leftovers)	3150.4
TMF23-03	TMF23-03-SA19	Grab (Leftovers)	5286.4
TMF23-03	TMF23-03-SA20	Grab (Leftovers)	3214.2
TMF23-03	TMF23-03-SA21	Grab (Leftovers)	413.6
TMF23-04	TMF23-04-SA03	Grab (Leftovers)	939.8
TMF23-04	TMF23-04-SA04	Grab (Leftovers)	2854.0
TMF23-04	TMF23-04-SA05	Grab (Leftovers)	1290.2
TMF23-04	TMF23-04-SA06	Grab (Leftovers)	4171.4
TMF23-04	TMF23-04-SA07	Grab (Leftovers)	3469.0
TMF23-04	TMF23-04-SA08A	Grab (Leftovers)	4743.0
TMF23-04	TMF23-04-SA09	Grab (Leftovers)	1818.2
TMF23-04	TMF23-04-SA10	Grab (Leftovers)	3323.6
TMF23-04	TMF23-04-SA11	Grab (Leftovers)	6317.8
TMF23-04	TMF23-04-SA15[1]	Grab (Leftovers)	6196.6
TMF23-04	TMF23-04-SA20[1]	Grab (Leftovers)	5004.2
TMF23-04	TMF23-04-SA21[1]	Grab (Leftovers)	3101.6
TMF23-05	TMF23-05-SA04	Grab (Leftovers)	1054.0
TMF23-05	TMF23-05-SA08	Grab (Leftovers)	1779.0
TMF23-05	TMF23-05-SA14	Grab (Leftovers)	1642.2
TMF23-06	TMF23-06-SA05	Grab (Leftovers)	1007.2
TMF23-06	TMF23-06-SA09	Grab (Leftovers)	795.4
TMF23-06	TMF23-06-SA10	Grab (Leftovers)	911.6
TMF23-06	TMF23-06-SA16	Grab (Leftovers)	1169.4
TMF23-07	TMF23-07-SA07	Grab (Leftovers)	1252.2
TMF23-07	TMF23-07-SA09	Grab (Leftovers)	1225.0
TMF23-07	TMF23-07-SA10	Grab (Leftovers)	1658.6
TMF23-07	TMF23-07-SA11	Grab (Leftovers)	891.6
TMF23-07	TMF23-07-SA13	Grab (Leftovers)	968.4
TMF23-08	TMF23-08-SA03	Grab (Leftovers)	1335.0
TMF23-08	TMF23-08-SA04	Grab (Leftovers)	893.4

[1] The sample processing is ongoing. It has been assumed that a 1000-gram sample will be collected (included in the estimate), as discussed with Orano. The final mass can be measured after the sample undergoes geochemical analysis.

Summary Information:

Total Mass: 148321.0 (g) or 148.321 (kg) or 327 (lb)

Number of Shelby Tubes: 12

Mass of Shelby Tubes: 71490.0 (g) or 71.490 (kg) or 167.6 (lb)

Number of Grab (Leftover) Samples: 35

Mass of Grab (Leftover) Samples: 76831.0 (g) or 76.831 (kg) or 169.4 (lb)

SRK Daily Report 050 – 2023 TOVP

Date:	September 12, 2023		**Project Number:**	CAPR002676	
SRK Representative(s):	**Personnel – Position**	**On Site**	**Drilling Crew:**	**Personnel – Position**	**On Site**
	Erik Ketilson – Project Reviewer	No		**Drillers (Paddock Drilling Ltd.)**	
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)	No
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)	No
	Bryce Marcotte – Consultant	No		Derek – Drill Hand (Paddock Drilling Ltd.)	No
				CPT Technician (Schwartz Soil-Tech Inc.)	
				Bill Schwartz – CPT Operator	No

Orano Distribution List:	Kebbi Hughes; Tina Searcy; Joseph Essilfie-Dughan; Tyler Lohman; Kasey Burges; Colby Stoez, Garret Churchill	**Today's Weather:** **Morning:** Sunny **Afternoon:** Sunny **Wind**: 10 – 14 km/h with gusts up to 33 km/h **Min :** 14 °C **Max :** 21 °C **Comment:** -
Okane Consultants Distribution List:	Josh Paulsen	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov	

Four Day Outlook:

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

- Photo Sheet 1 displays the position of the barge during both morning and afternoon hours.
- SRK plans to leave the site on the morning of September 13th.
- Prior to departure, clean-up, organizational, and reporting tasks were carried out at the site.
- TOVP 2023 Program is complete.

Photo 1: Site overview at the beginning of the day

Photo 2: Barge's location in the afternoon

srk consulting	orano	2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 12, 2023	Approved: AN	Photo Sheet: 1