



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



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.

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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.

					2023 TOVP Program		
		Daily Report Figure and Photos					
Project No: CAPR002676 Location: McClean Lake			Date: August 7, 2023	Approved: AL	Photo Sheet: 2		

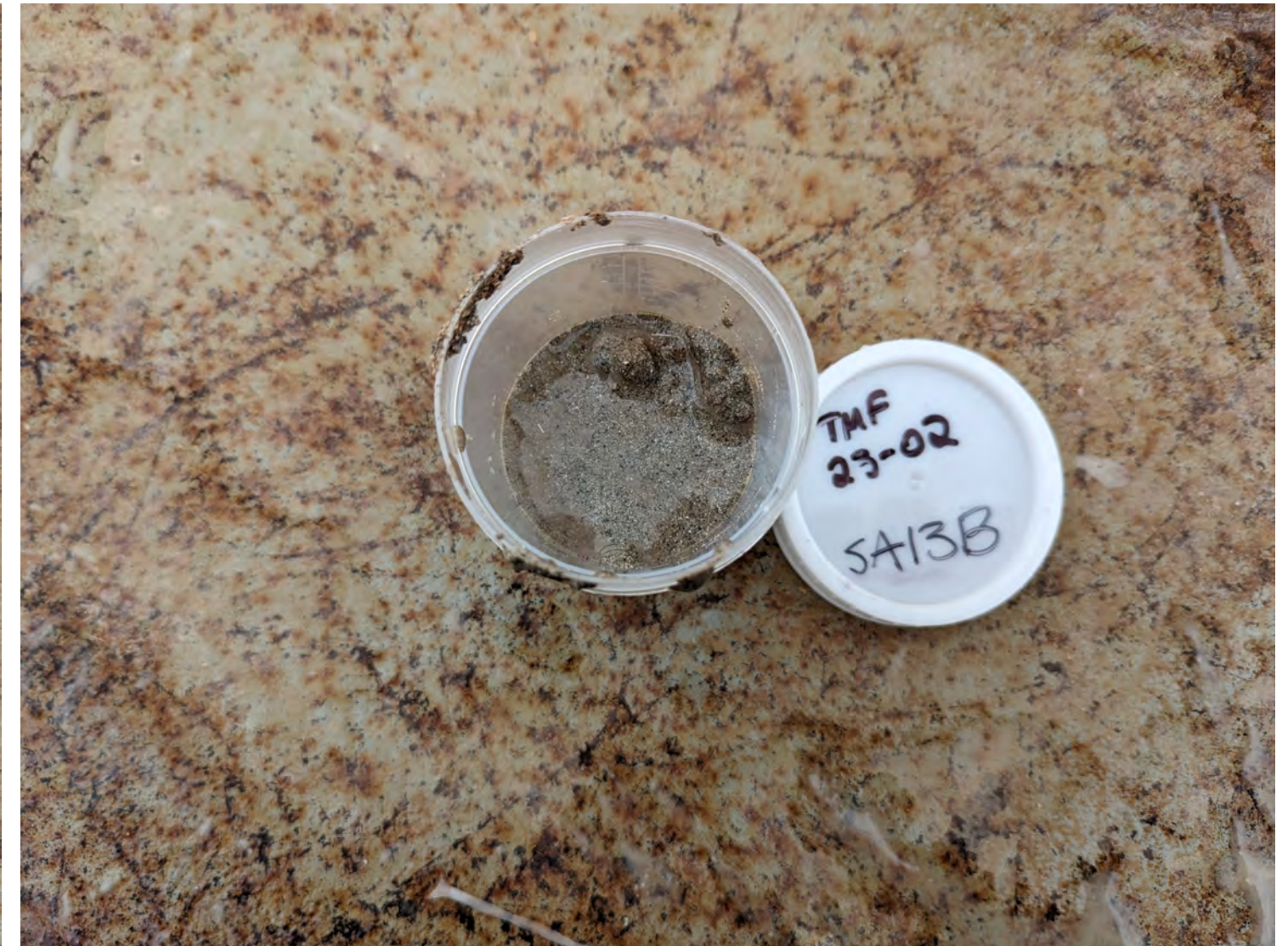
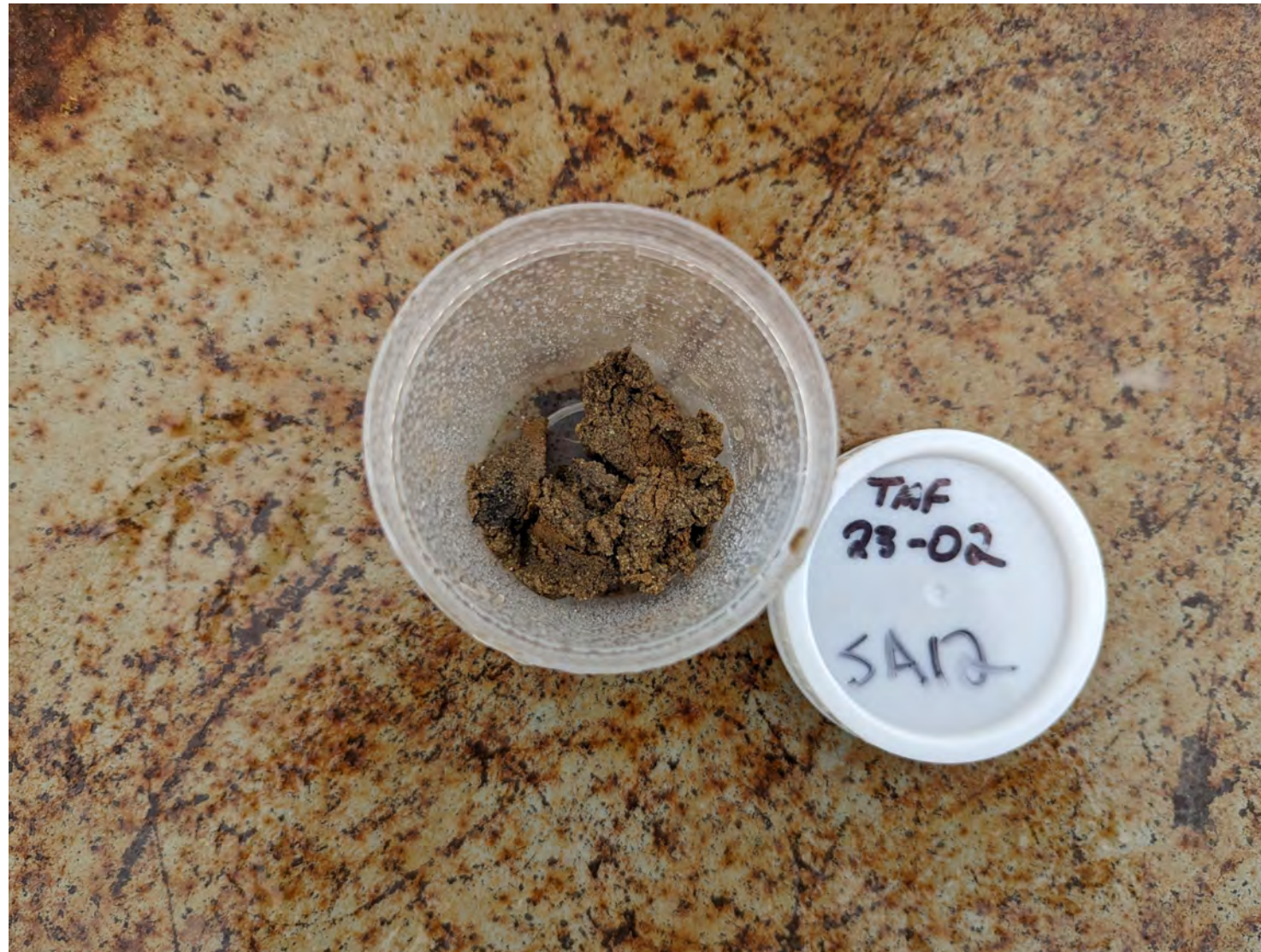


























Photo 5: Subsample collected from TMF23-02-SA12. Brown, non-plastic, coarse sand. As shown, material was at a much lower insitu moisture content other samples collected.

Photo 6: Subsample collected from TMF23-02-SA13B. Brown, non-plastic, coarse sand.

					2023 TOVP Program			
		Daily Report Figure and Photos						
Project No: CAPR002676 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 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: 10 °C Max: 17 °C Comment: N/A													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
Four Day Outlook:																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Wed 9 Aug</th> <th style="width: 25%;">Thu 10 Aug</th> <th style="width: 25%;">Fri 11 Aug</th> <th style="width: 25%;">Sat 12 Aug</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">  18°C Mainly sunny </td> <td style="text-align: center;">  17°C Cloudy </td> <td style="text-align: center;">  18°C Cloudy </td> <td style="text-align: center;">  15°C 62% Chance of showers </td> </tr> <tr> <td style="text-align: center;">  10°C Partly cloudy </td> <td style="text-align: center;">  11°C Cloudy </td> <td style="text-align: center;">  10°C Cloudy </td> <td style="text-align: center;">  11°C 40% Chance of showers </td> </tr> </tbody> </table>						Wed 9 Aug	Thu 10 Aug	Fri 11 Aug	Sat 12 Aug	 18°C Mainly sunny	 17°C Cloudy	 18°C Cloudy	 15°C 62% Chance of showers	 10°C Partly cloudy	 11°C Cloudy	 10°C Cloudy	 11°C 40% Chance of showers
Wed 9 Aug	Thu 10 Aug	Fri 11 Aug	Sat 12 Aug														
 18°C Mainly sunny	 17°C Cloudy	 18°C Cloudy	 15°C 62% Chance of showers														
 10°C Partly cloudy	 11°C Cloudy	 10°C Cloudy	 11°C 40% Chance of showers														

SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for Tomorrow:</p> <ul style="list-style-type: none"> ■ Complete sampling at TMF23-02.
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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%	<ul style="list-style-type: none"> ■ 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%	<ul style="list-style-type: none"> ■ 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%	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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 from 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%	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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

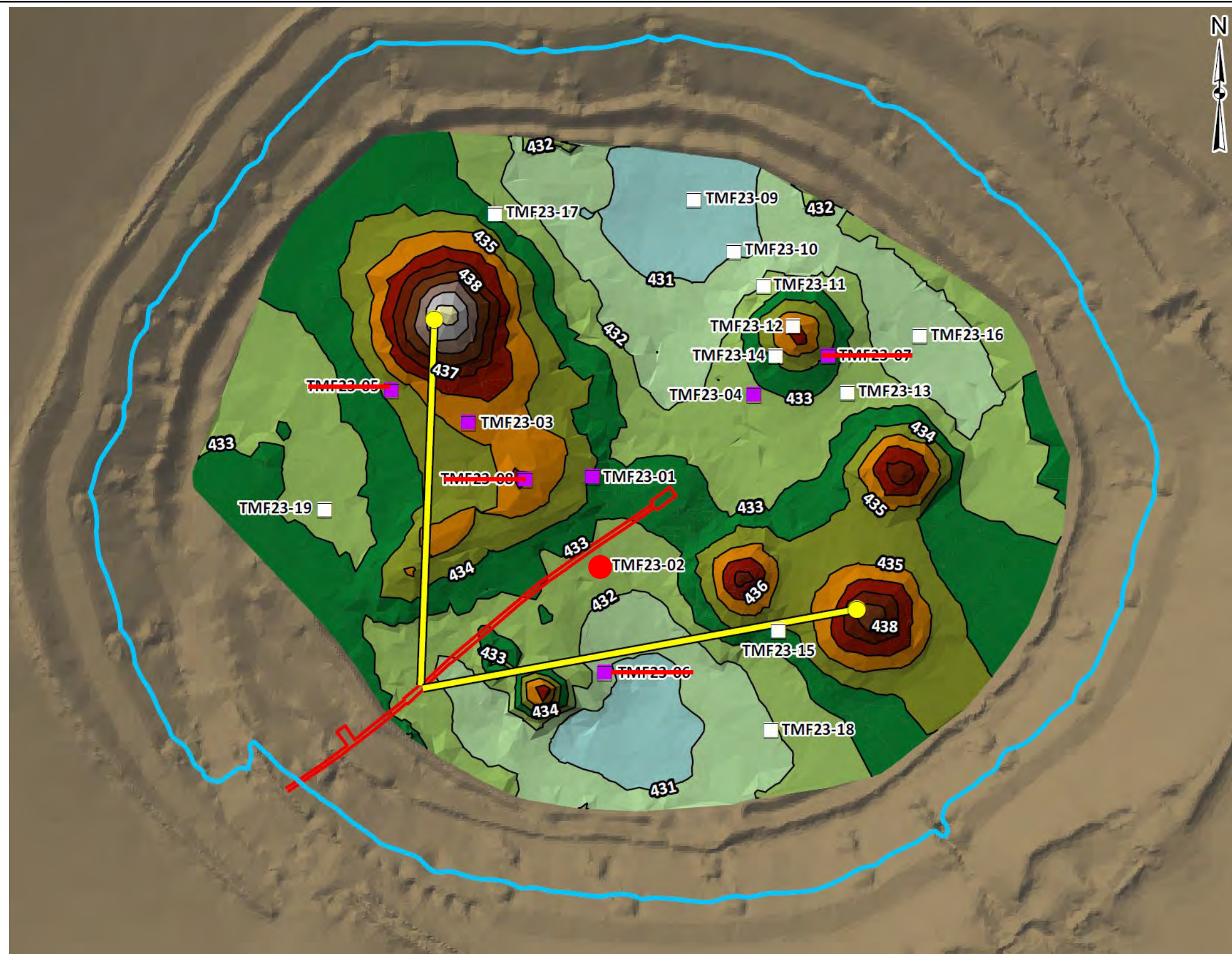
Date ¹	Location ID	Geochemical	Geotechnical
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

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 ●

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: August 8, 2023	Approved: AL	Figure: 1		



Photo 1: Subsample collected from TMF23-02-SA14. Grey silty sand. Lower than normal insitu moisture content.

Photo 2: Paddock disassembling the sampler.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

					2023 TOVP Program		
		Daily Report Figure and Photos					
Project No: CAPR002676 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
Four Day Outlook:																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Thu 10 Aug</th> <th style="width: 25%;">Fri 11 Aug</th> <th style="width: 25%;">Sat 12 Aug</th> <th style="width: 25%;">Sun 13 Aug</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> 19°C <small>A mix of sun and cloud</small></td> <td style="text-align: center;"> 19°C <small>Mainly sunny</small></td> <td style="text-align: center;"> 17°C <small>Cloudy</small></td> <td style="text-align: center;"> 21°C <small>Sunny</small></td> </tr> <tr> <td style="text-align: center;"> 11°C <small>Partly cloudy</small></td> <td style="text-align: center;"> 10°C <small>Cloudy</small></td> <td style="text-align: center;"> 11°C <small>Cloudy periods</small></td> <td style="text-align: center;"> 13°C <small>Cloudy</small></td> </tr> </tbody> </table>						Thu 10 Aug	Fri 11 Aug	Sat 12 Aug	Sun 13 Aug	 19°C <small>A mix of sun and cloud</small>	 19°C <small>Mainly sunny</small>	 17°C <small>Cloudy</small>	 21°C <small>Sunny</small>	 11°C <small>Partly cloudy</small>	 10°C <small>Cloudy</small>	 11°C <small>Cloudy periods</small>	 13°C <small>Cloudy</small>
Thu 10 Aug	Fri 11 Aug	Sat 12 Aug	Sun 13 Aug														
 19°C <small>A mix of sun and cloud</small>	 19°C <small>Mainly sunny</small>	 17°C <small>Cloudy</small>	 21°C <small>Sunny</small>														
 11°C <small>Partly cloudy</small>	 10°C <small>Cloudy</small>	 11°C <small>Cloudy periods</small>	 13°C <small>Cloudy</small>														

SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <ul style="list-style-type: none"> – 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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	-

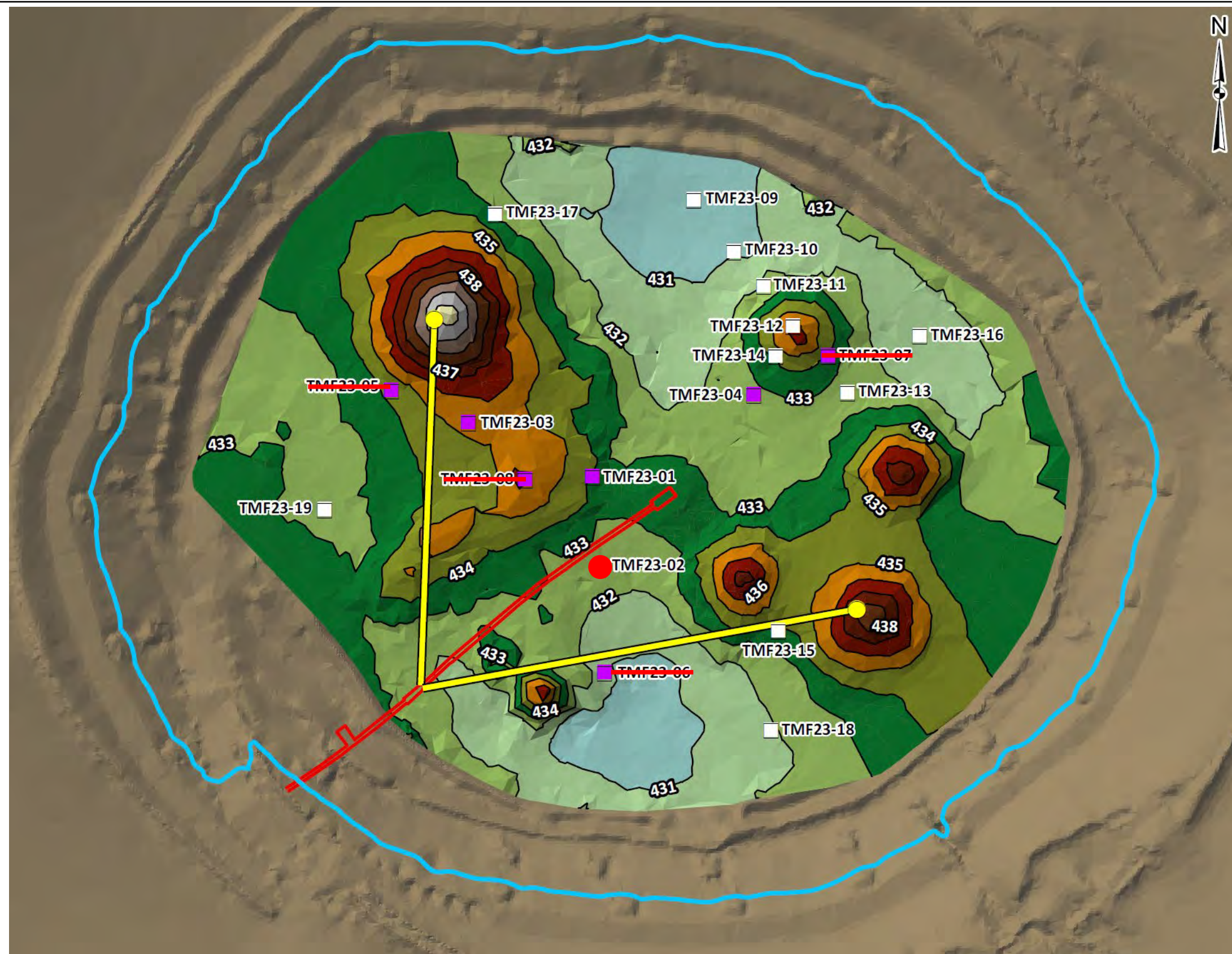
Date ¹	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-01	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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 9, 2023	Approved: AL	Figure: 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		Date: August 9, 2023	Approved: AL	Photo Sheet: 1

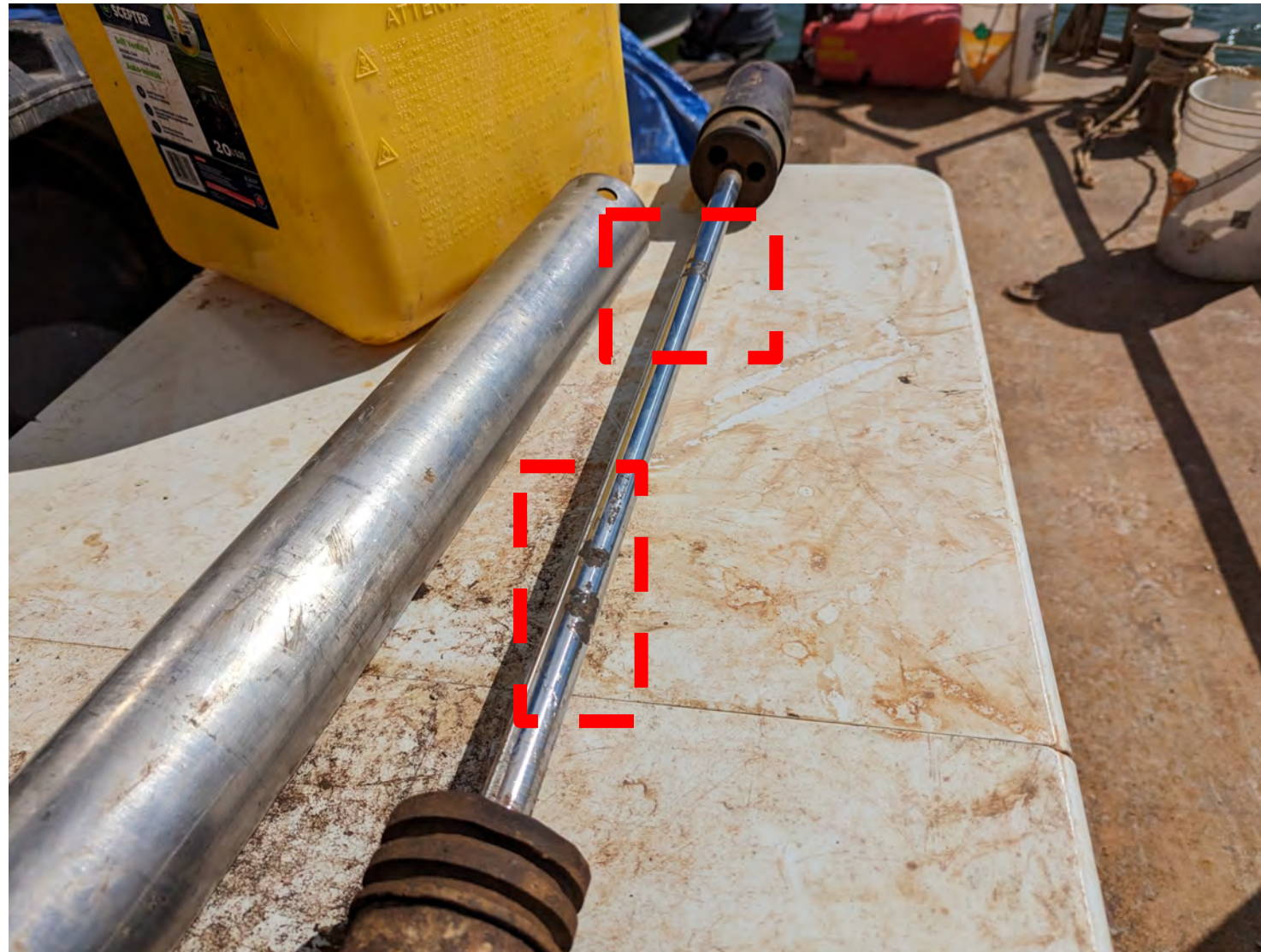


























Photo 3: Pitting on the piston rod from the 2018 TOVP GUS sampler.

Photo 4: Subsample collected from TMF23-02-SA19A. Firm, grey, high-plasticity silt.

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676		Date: August 9, 2023	Approved: AL	Photo Sheet: 2
Location: McClean Lake				

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 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: 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:																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Sun 13 Aug</th> <th style="width: 25%;">Mon 14 Aug</th> <th style="width: 25%;">Tue 15 Aug</th> <th style="width: 25%;">Wed 16 Aug</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> 22°C Mainly sunny</td> <td style="text-align: center;"> 22°C A mix of sun and cloud</td> <td style="text-align: center;"> 20°C Cloudy</td> <td style="text-align: center;"> 18°C Sunny</td> </tr> <tr> <td style="text-align: center;"> 16°C 30% Chance of showers</td> <td style="text-align: center;"> 11°C Clear</td> <td style="text-align: center;"> 10°C Cloudy periods</td> <td style="text-align: center;"> 10°C Cloudy periods</td> </tr> </tbody> </table>						Sun 13 Aug	Mon 14 Aug	Tue 15 Aug	Wed 16 Aug	 22°C Mainly sunny	 22°C A mix of sun and cloud	 20°C Cloudy	 18°C Sunny	 16°C 30% Chance of showers	 11°C Clear	 10°C Cloudy periods	 10°C Cloudy periods
Sun 13 Aug	Mon 14 Aug	Tue 15 Aug	Wed 16 Aug														
 22°C Mainly sunny	 22°C A mix of sun and cloud	 20°C Cloudy	 18°C Sunny														
 16°C 30% Chance of showers	 11°C Clear	 10°C Cloudy periods	 10°C Cloudy periods														

SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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%	<ul style="list-style-type: none"> 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	-

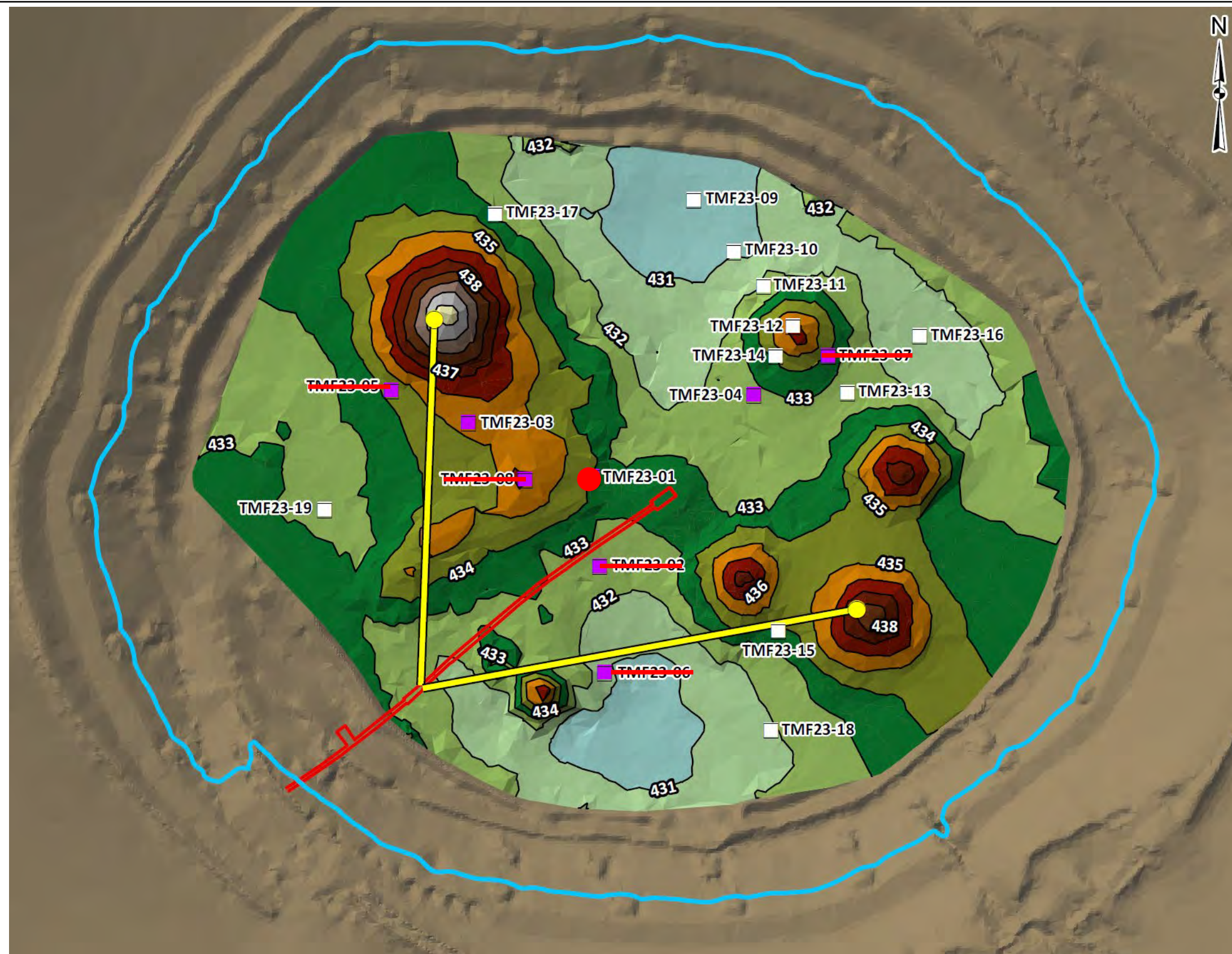
Date ¹	Location ID	Geochemical	Geotechnical
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	X
8/12/2023	TMF23-01	X	
8/13/2023	TMF23-01	X	X
8/14/2023	TMF23-01	X	X
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-03	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 ●

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		Date: August 12, 2023	Approved: AL	Figure: 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		Date: August 12, 2023	Approved: AL	Photo Sheet: 1

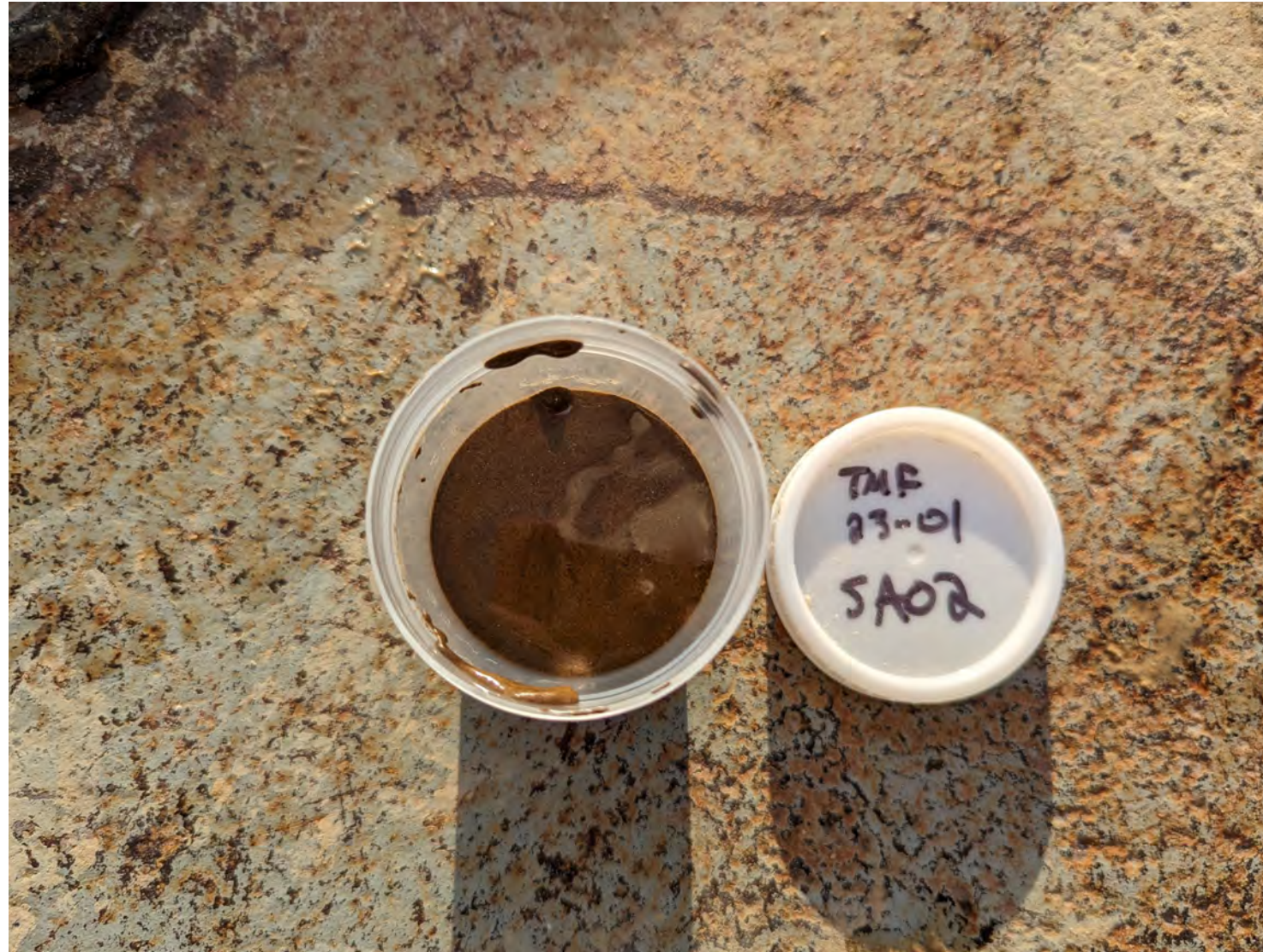


























Photo 3: Subsample TMF23-01-SA02. Dark brown low plasticity silt.

Photo 4: Final position of the barge at the end of the day (positioned at TMF23-01).

					2023 TOVP Program		
		Daily Report Figure and Photos			Date:	Approved:	Photo Sheet:
Project No: CAPR002676 Location: McClean Lake			August 12, 2023	AL	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 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: 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.													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
				Four Day Outlook:													
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Mon 14 Aug</td> <td style="width: 25%;">Tue 15 Aug</td> <td style="width: 25%;">Wed 16 Aug</td> <td style="width: 25%;">Thu 17 Aug</td> </tr> <tr> <td> 22°C 50% <small>Chance of showers</small></td> <td> 21°C <small>A mix of sun and cloud</small></td> <td> 20°C <small>A mix of sun and cloud</small></td> <td> 19°C <small>Showers</small></td> </tr> <tr> <td> 11°C 30% <small>Chance of showers</small></td> <td> 11°C 50% <small>Chance of showers</small></td> <td> 10°C <small>Clear</small></td> <td> 10°C <small>Rain</small></td> </tr> </table>		Mon 14 Aug	Tue 15 Aug	Wed 16 Aug	Thu 17 Aug	 22°C 50% <small>Chance of showers</small>	 21°C <small>A mix of sun and cloud</small>	 20°C <small>A mix of sun and cloud</small>	 19°C <small>Showers</small>	 11°C 30% <small>Chance of showers</small>	 11°C 50% <small>Chance of showers</small>	 10°C <small>Clear</small>	 10°C <small>Rain</small>
Mon 14 Aug	Tue 15 Aug	Wed 16 Aug	Thu 17 Aug														
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SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for tomorrow:</p> <ul style="list-style-type: none"> ■ Continue drilling at TMF23-01.
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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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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.

						<ul style="list-style-type: none"> ■ Material was a light brown, non-plastic sand. ■ See Photo 9.
TMF23-01	TMF23-01-SA09B	Shelby	411.05	22.953	71	<ul style="list-style-type: none"> ■ 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	-

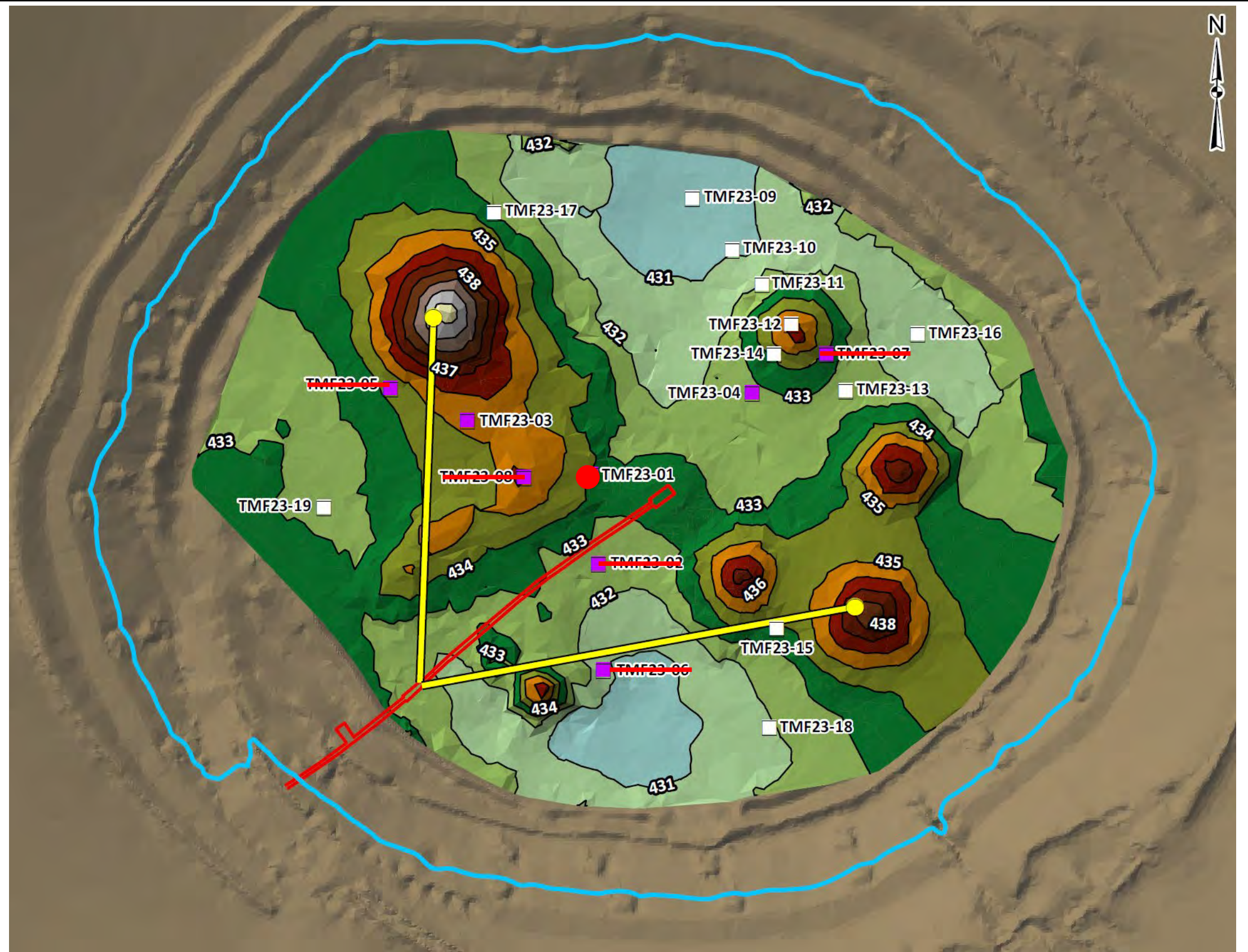
Date ¹	Location ID	Geochemical	Geotechnical
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 13, 2023	Approved: AL	Figure: 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

Photo 10: End of day position of the drilling barge (at TMF23-01).

Sample interval from 411.88 to 410. 46 masl.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: August 13, 2023	Approved: AL	Photo Sheet: 5		

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 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: 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.													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
Four Day Outlook:																	
<table style="width: 100%; text-align: center; font-size: small;"> <tr> <td style="width: 25%;">Tue 15 Aug</td> <td style="width: 25%;">Wed 16 Aug</td> <td style="width: 25%;">Thu 17 Aug</td> <td style="width: 25%;">Fri 18 Aug</td> </tr> <tr> <td> 18°C 50% <small>Chance of showers</small></td> <td> 19°C <small>Sunny</small></td> <td> 20°C <small>Cloudy</small></td> <td> 16°C 40% <small>Chance of showers</small></td> </tr> <tr> <td> 11°C 40% <small>Chance of showers</small></td> <td> 10°C <small>Clear</small></td> <td> 11°C <small>Showers</small></td> <td> 8°C <small>Cloudy periods</small></td> </tr> </table>						Tue 15 Aug	Wed 16 Aug	Thu 17 Aug	Fri 18 Aug	 18°C 50% <small>Chance of showers</small>	 19°C <small>Sunny</small>	 20°C <small>Cloudy</small>	 16°C 40% <small>Chance of showers</small>	 11°C 40% <small>Chance of showers</small>	 10°C <small>Clear</small>	 11°C <small>Showers</small>	 8°C <small>Cloudy periods</small>
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SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks. Reviewed safe handling procedures for mud mixing.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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.

						<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

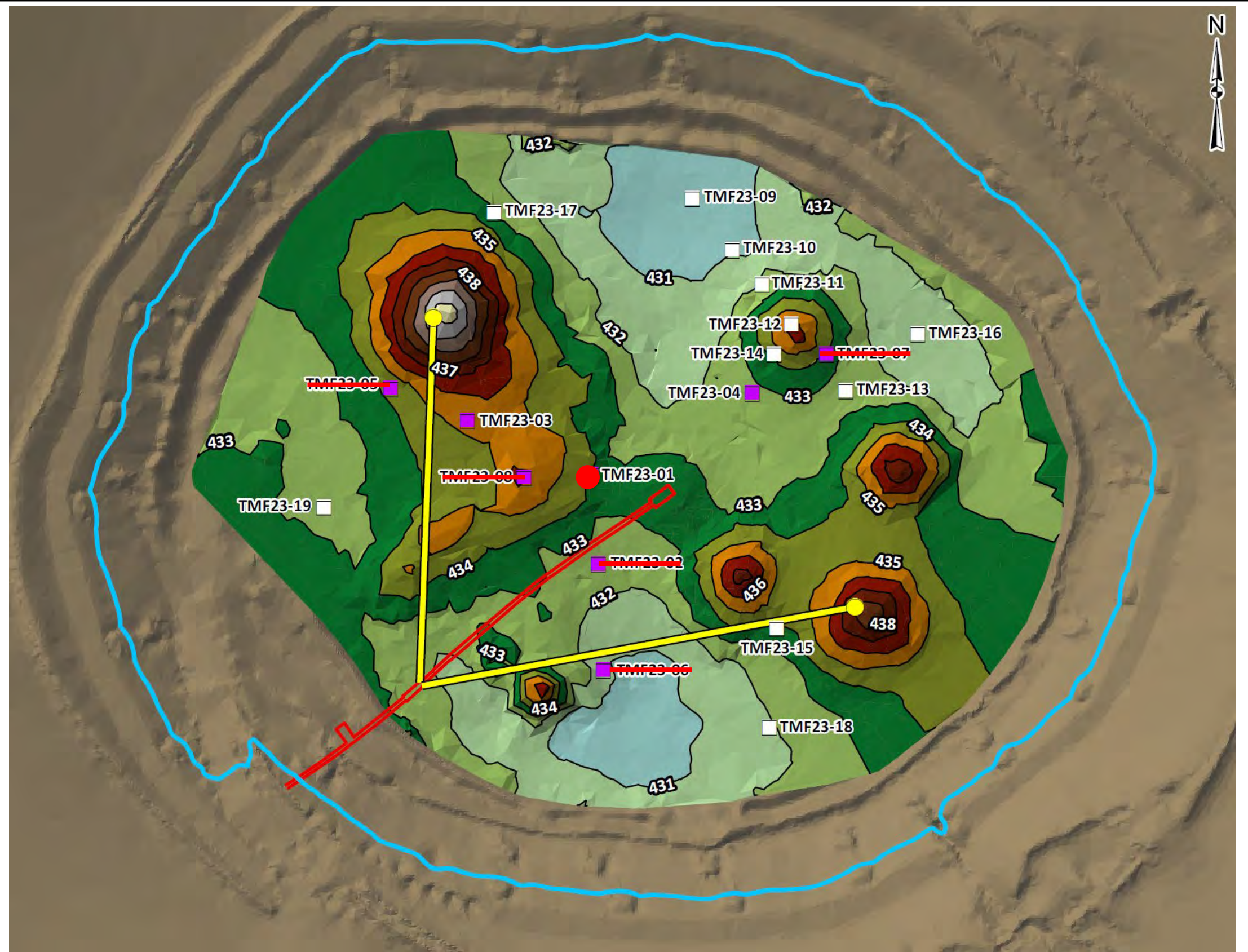
Date ¹	Location ID	Geochemical	Geotechnical
8/12/2023	TMF23-01	X	
8/13/2023	TMF23-01	X	
8/14/2023	TMF23-01	X	
8/15/2023	TMF23-01	X	X
8/16/2023	TMF23-03	X	X
8/17/2023	TMF23-03	X	X

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 ●

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: August 14, 2023	Approved: AL	Figure: 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.

		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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

Photo 6: Current position of barge within TMF (at TMF23-01). Note the hazy background due to wildfire smoke in the area.

Sample interval: 398.24 to 396.72 masl.

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676		Date: August 14, 2023	Approved: AL	Photo Sheet: 3
Location: McClean Lake				

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 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: 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: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Tue 15 Aug</td> <td>Wed 16 Aug</td> <td>Thu 17 Aug</td> <td>Fri 18 Aug</td> </tr> <tr> <td> 18°C 50% <small>Chance of showers</small></td> <td> 19°C <small>Sunny</small></td> <td> 20°C <small>Cloudy</small></td> <td> 16°C 40% <small>Chance of showers</small></td> </tr> <tr> <td> 11°C 40% <small>Chance of showers</small></td> <td> 10°C <small>Clear</small></td> <td> 11°C <small>Showers</small></td> <td> 8°C <small>Cloudy periods</small></td> </tr> </table>	Tue 15 Aug	Wed 16 Aug	Thu 17 Aug	Fri 18 Aug	 18°C 50% <small>Chance of showers</small>	 19°C <small>Sunny</small>	 20°C <small>Cloudy</small>	 16°C 40% <small>Chance of showers</small>	 11°C 40% <small>Chance of showers</small>	 10°C <small>Clear</small>	 11°C <small>Showers</small>	 8°C <small>Cloudy periods</small>
Tue 15 Aug	Wed 16 Aug	Thu 17 Aug	Fri 18 Aug														
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SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																

SAFETY

Safety Meetings: 6:00 – Toolbox talk	Summary: <ul style="list-style-type: none"> ■ General overview of tasks and associated risks.
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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	<ul style="list-style-type: none"> ■ 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
					<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	-

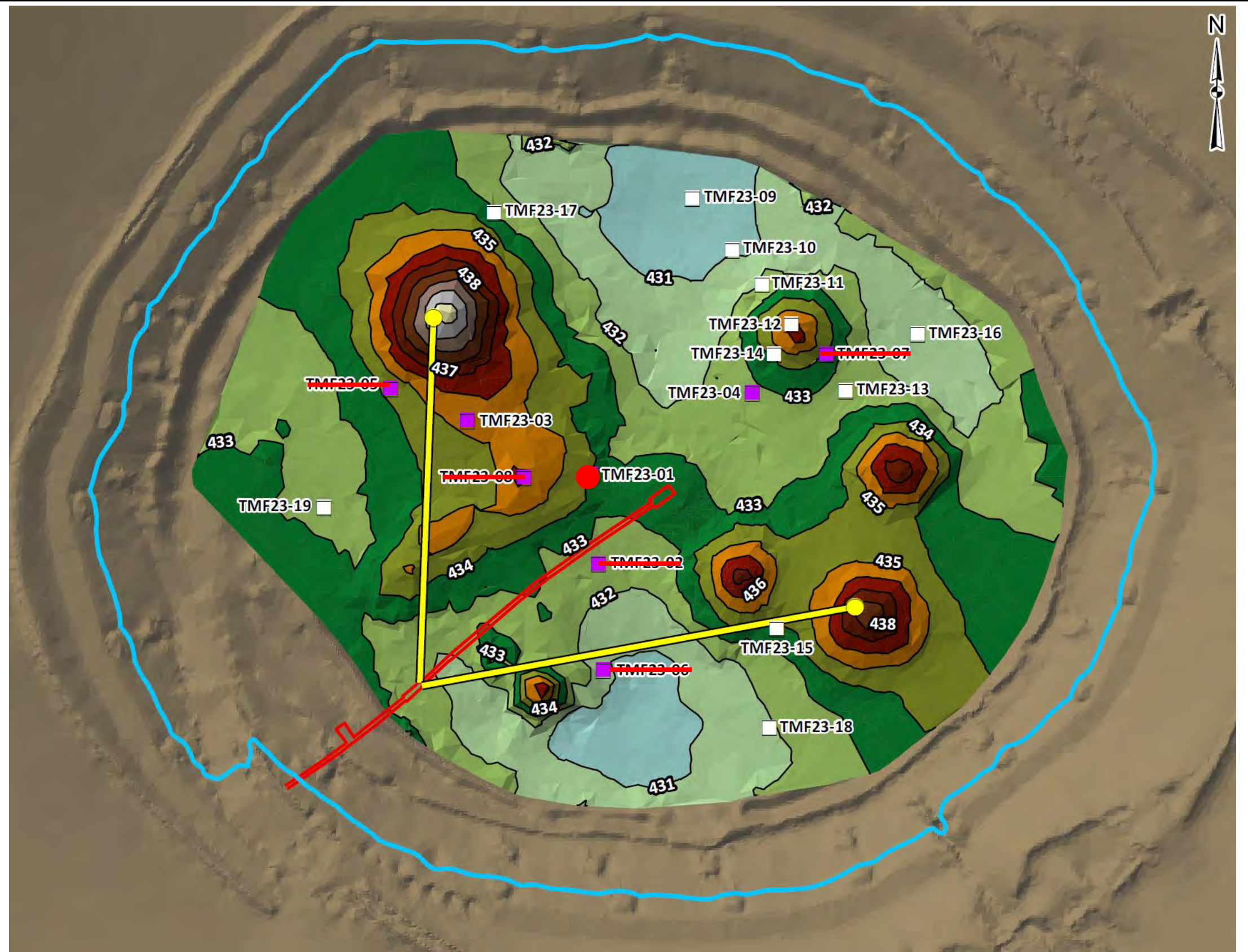
Date ¹	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	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 ●

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		Date: August 15, 2023	Approved: AL	Figure: 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: August 15, 2023	Approved: AL	Photo Sheet:	1	



Photo 3: AMC EZEE PAC L – mud additive.

Photo 4: AMC Xan Bore – mud additive.

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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.

		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 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 No Yes 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		Four Day Outlook: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Thu 17 Aug</td> <td>Fri 18 Aug</td> <td>Sat 19 Aug</td> <td>Sun 20 Aug</td> </tr> <tr> <td> 19°C 30% Chance of showers</td> <td> 18°C Cloudy</td> <td> 17°C Sunny</td> <td> 19°C Sunny</td> </tr> <tr> <td> 11°C 40% Chance of showers</td> <td> 9°C Cloudy</td> <td> 10°C Cloudy periods</td> <td> 11°C Clear</td> </tr> </table>	Thu 17 Aug	Fri 18 Aug	Sat 19 Aug	Sun 20 Aug	 19°C 30% Chance of showers	 18°C Cloudy	 17°C Sunny	 19°C Sunny	 11°C 40% Chance of showers	 9°C Cloudy	 10°C Cloudy periods	 11°C Clear
Thu 17 Aug	Fri 18 Aug	Sat 19 Aug	Sun 20 Aug															
 19°C 30% Chance of showers	 18°C Cloudy	 17°C Sunny	 19°C Sunny															
 11°C 40% Chance of showers	 9°C Cloudy	 10°C Cloudy periods	 11°C Clear															
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																	

SAFETY

Safety Meetings:	Summary:
6:00 – Toolbox talk	<ul style="list-style-type: none"> ■ General overview of tasks and associated risks.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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 sample 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	-

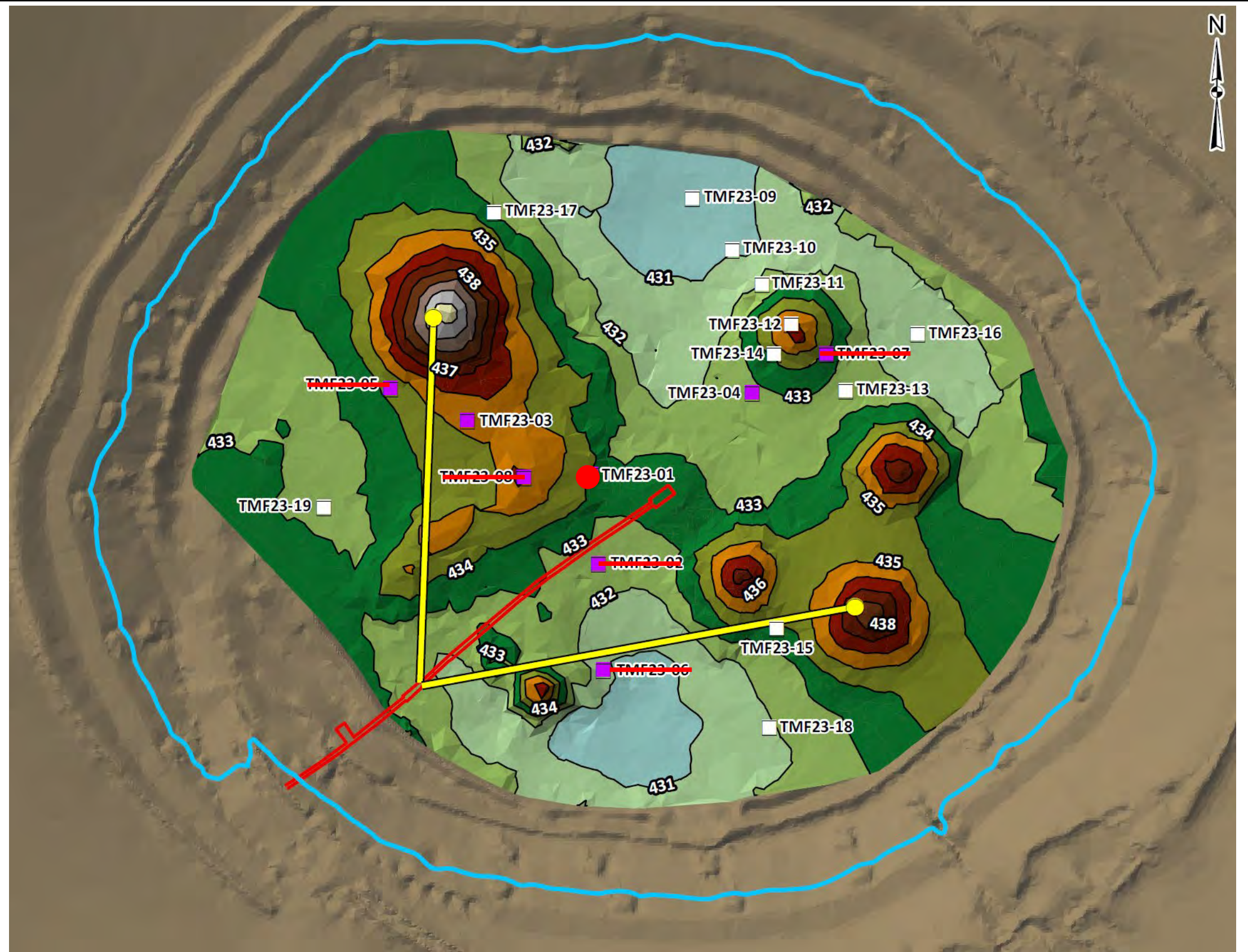
Date ¹	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: August 16, 2023	Approved: AL	Figure: 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.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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.

Photo 4: Subsample of TMF23-01-SA19.

Sample interval: 383.59 to 382.98 masl.

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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													
	Erik Ketilson – Project Reviewer	No		Drillers (Paddock Drilling Ltd.)													
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)													
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)													
Bryce Marcotte – Consultant	No	Derek – Drill Hand (Paddock Drilling Ltd.)		Yes													
			CPT Technician (Schwartz Soil-Tech Inc.)		Yes												
			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: - 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: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Sat 2 Sep</td> <td>Sun 3 Sep</td> <td>Mon 4 Sep</td> <td>Tue 5 Sep</td> </tr> <tr> <td> 19°C 30% Chance of showers</td> <td> 18°C Sunny</td> <td> 10°C 30% Chance of showers</td> <td> 15°C Sunny</td> </tr> <tr> <td> 9°C 30% Chance of showers</td> <td> 8°C 30% Chance of showers</td> <td> 4°C Clear</td> <td> 7°C Cloudy</td> </tr> </table>	Sat 2 Sep	Sun 3 Sep	Mon 4 Sep	Tue 5 Sep	 19°C 30% Chance of showers	 18°C Sunny	 10°C 30% Chance of showers	 15°C Sunny	 9°C 30% Chance of showers	 8°C 30% Chance of showers	 4°C Clear	 7°C Cloudy
Sat 2 Sep	Sun 3 Sep	Mon 4 Sep				Tue 5 Sep											
 19°C 30% Chance of showers	 18°C Sunny	 10°C 30% Chance of showers				 15°C Sunny											
 9°C 30% Chance of showers	 8°C 30% Chance of showers	 4°C Clear	 7°C Cloudy														
Okane Consultants Distribution List:	Josh Paulsen																
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																

SAFETY

Safety Meetings:	Summary:
14:00 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for tomorrow:</p> <ul style="list-style-type: none"> ■ 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	-

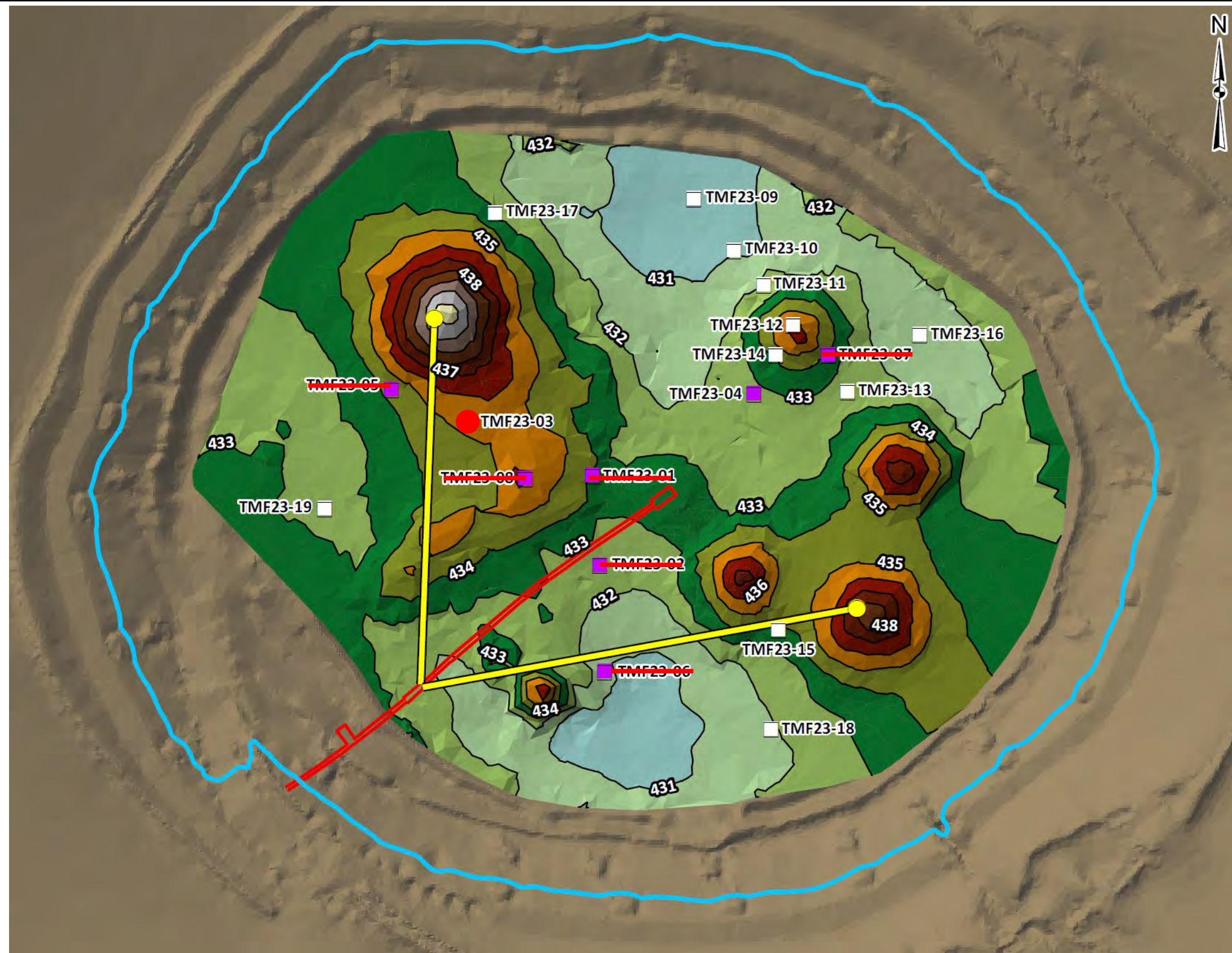
Date ¹	Location ID	Geochemical	Geotechnical
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X

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 ●

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: September 1, 2023	Approved: AN	Figure: 1		



























Photo 1: Site overview upon arrival



Photo 2: Site overview at the end of the day

		2023 TOVP Program			
		Daily Report Figure and Photos			
Project No: CAPR002676 Location: McClean Lake			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 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, 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: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Sun 3 Sep</td> <td>Mon 4 Sep</td> <td>Tue 5 Sep</td> <td>Wed 6 Sep</td> </tr> <tr> <td> 19°C</td> <td> 11°C 80%</td> <td> 14°C</td> <td> 14°C</td> </tr> <tr> <td>A mix of sun and cloud</td> <td>Chance of showers</td> <td>Sunny</td> <td>Periods of rain</td> </tr> <tr> <td>Night</td> <td>Night</td> <td>Night</td> <td>Night</td> </tr> <tr> <td> 9°C 80%</td> <td> 3°C</td> <td> 7°C</td> <td> 7°C</td> </tr> <tr> <td>Chance of showers</td> <td>Cloudy periods</td> <td>Cloudy periods</td> <td>Periods of rain</td> </tr> </table>	Sun 3 Sep	Mon 4 Sep	Tue 5 Sep	Wed 6 Sep	 19°C	 11°C 80%	 14°C	 14°C	A mix of sun and cloud	Chance of showers	Sunny	Periods of rain	Night	Night	Night	Night	 9°C 80%	 3°C	 7°C	 7°C	Chance of showers	Cloudy periods	Cloudy periods	Periods of rain
Sun 3 Sep	Mon 4 Sep	Tue 5 Sep	Wed 6 Sep																										
 19°C	 11°C 80%	 14°C	 14°C																										
A mix of sun and cloud	Chance of showers	Sunny	Periods of rain																										
Night	Night	Night	Night																										
 9°C 80%	 3°C	 7°C	 7°C																										
Chance of showers	Cloudy periods	Cloudy periods	Periods of rain																										
Okane Consultants Distribution List:	Josh Paulsen																												
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																												

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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

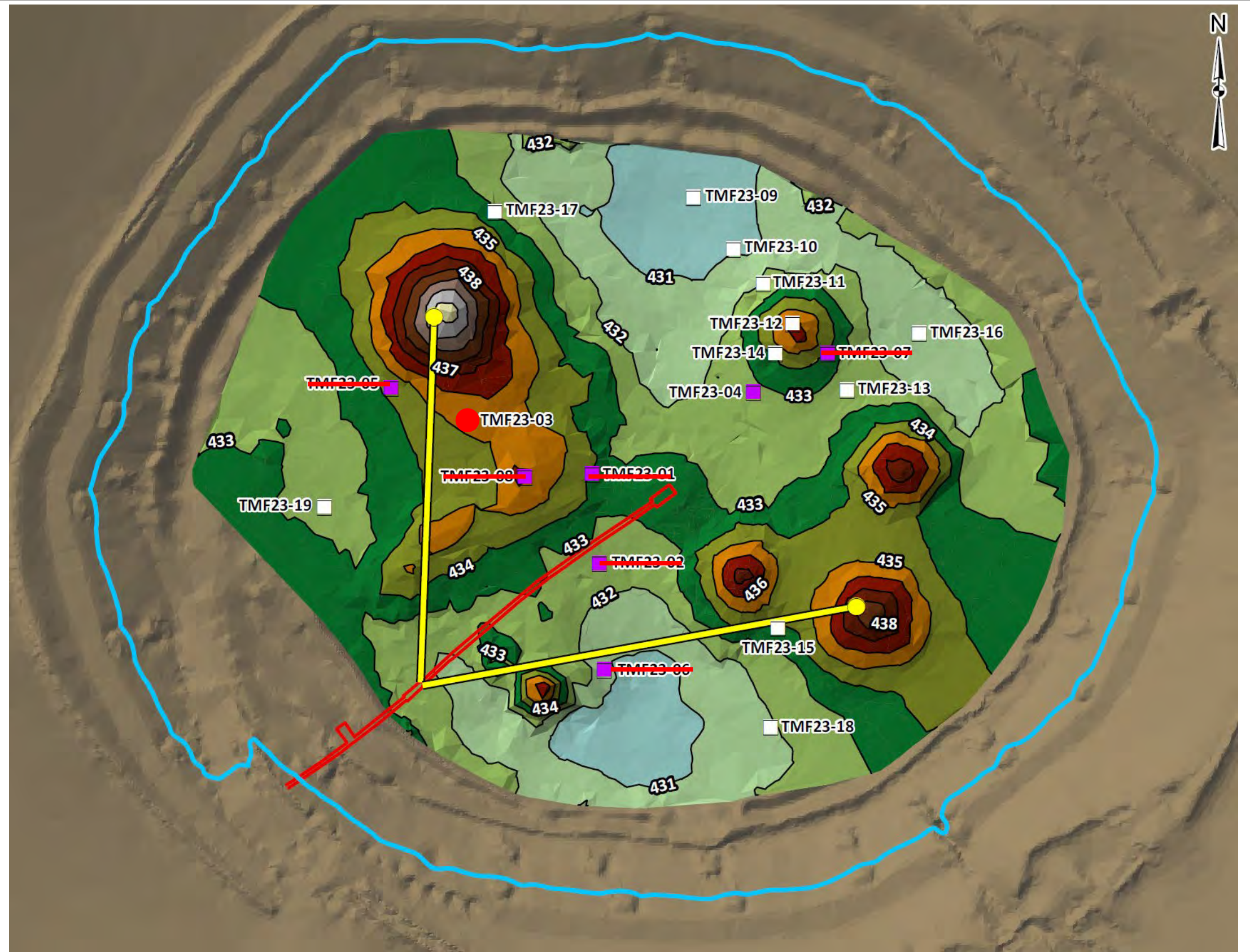
Date ¹	Location ID	Geochemical	Geotechnical
8/4/2023	TMF23-06	X	-
8/5/2023	TMF23-06	X	X
8/6/2023	TMF23-02	X	-
8/7/2023	TMF23-02	X	-
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 2, 2023	Approved: AN	Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

		2023 TOVP Program			
		Daily Report Figure and Photos			
Project No: CAPR002676 Location: McClean Lake			Date: Sept 2, 2023	Approved: AN	Photo Sheet: 1



Photo 3: Steel Casing



Photo 4: Steel Casing Corner View

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 2, 2023	Approved: AN	Photo Sheet: 2



























- No photo

Photo 5: TMF23-03-SA02

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

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: -													
Okane Consultants Distribution List:	Josh Paulsen																
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
				Four Day Outlook: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Mon 4 Sep</td> <td>Tue 5 Sep</td> <td>Wed 6 Sep</td> <td>Thu 7 Sep</td> </tr> <tr> <td> 12°C A few showers</td> <td> 12°C Sunny</td> <td> 12°C Cloudy</td> <td> 12°C Chance of showers</td> </tr> <tr> <td> 3°C Partly cloudy</td> <td> 5°C Cloudy periods</td> <td> 7°C 69% Chance of showers</td> <td> 6°C 60% Chance of showers</td> </tr> </table>		Mon 4 Sep	Tue 5 Sep	Wed 6 Sep	Thu 7 Sep	 12°C A few showers	 12°C Sunny	 12°C Cloudy	 12°C Chance of showers	 3°C Partly cloudy	 5°C Cloudy periods	 7°C 69% Chance of showers	 6°C 60% Chance of showers
Mon 4 Sep	Tue 5 Sep	Wed 6 Sep	Thu 7 Sep														
 12°C A few showers	 12°C Sunny	 12°C Cloudy	 12°C Chance of showers														
 3°C Partly cloudy	 5°C Cloudy periods	 7°C 69% Chance of showers	 6°C 60% Chance of showers														

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for tomorrow:</p> <ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Obtained at 15:05 (Photo Sheet 5)
TMF23-03	TMF23-03-SA10	Shelby	412.57	22.44	100.0	<ul style="list-style-type: none"> Obtained at 16:06 (Photo Sheet 5)
TMF23-03	TMF23-03-SA02-GT	Shelby	411.96	23.04	100.0	<ul style="list-style-type: none"> Obtained at 16:51
TMF23-03	TMF23-03-SA11A	5 ft Split Spoon	411.35	23.66	26.2	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

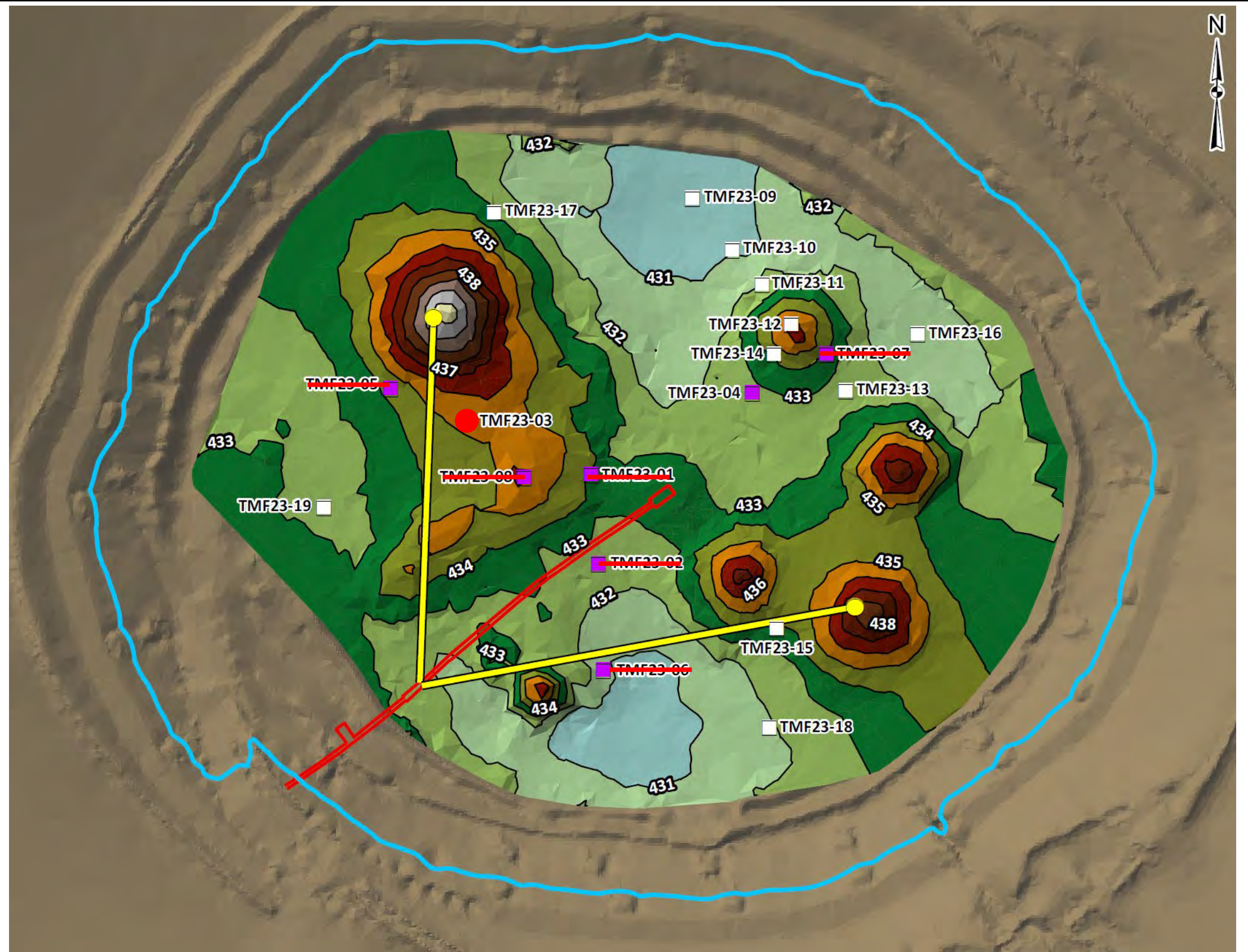
Date ¹	Location ID	Geochemical	Geotechnical
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	X	-
8/16/2023	TMF23-01	X	-
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 3, 2023	Approved: AN	Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

		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

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



Photo 5: TMF23-03-SA05



Photo 6: TMF23-03-SA06

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		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)

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 3, 2023	Approved: AN	Photo Sheet: 5



























- No Photo

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).

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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		<u>Drillers (Paddock Drilling Ltd.)</u>	Yes																				
	Adam Leik – Project Manager	No		Danton – Lead Driller (Paddock Drilling Ltd.)																					
	Anton Novikov – Field Lead	Yes		Cody – Drill Hand (Paddock Drilling Ltd.)																					
Bryce Marcotte – Consultant	No	<u>CPT Technician (Schwartz Soil-Tech Inc.)</u>	Yes																						
				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: 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:																					
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Tue 5 Sep</td> <td style="width: 25%;">Wed 6 Sep</td> <td style="width: 25%;">Thu 7 Sep</td> <td style="width: 25%;">Fri 8 Sep</td> </tr> <tr> <td> 11°C</td> <td> 12°C</td> <td> 12°C</td> <td> 14°C</td> </tr> <tr> <td>30% <small>Chance of showers</small></td> <td>30% <small>Chance of showers</small></td> <td>30% <small>Chance of showers</small></td> <td>A mix of sun and cloud</td> </tr> <tr> <td>Night  4°C</td> <td>Night  7°C</td> <td>Night  5°C</td> <td>Night  7°C</td> </tr> <tr> <td><small>Cloudy periods</small></td> <td><small>Rain</small></td> <td><small>Clear</small></td> <td><small>Cloudy</small></td> </tr> </table>		Tue 5 Sep	Wed 6 Sep	Thu 7 Sep	Fri 8 Sep	 11°C	 12°C	 12°C	 14°C	30% <small>Chance of showers</small>	30% <small>Chance of showers</small>	30% <small>Chance of showers</small>	A mix of sun and cloud	Night  4°C	Night  7°C	Night  5°C	Night  7°C	<small>Cloudy periods</small>	<small>Rain</small>	<small>Clear</small>	<small>Cloudy</small>
Tue 5 Sep	Wed 6 Sep	Thu 7 Sep	Fri 8 Sep																						
 11°C	 12°C	 12°C	 14°C																						
30% <small>Chance of showers</small>	30% <small>Chance of showers</small>	30% <small>Chance of showers</small>	A mix of sun and cloud																						
Night  4°C	Night  7°C	Night  5°C	Night  7°C																						
<small>Cloudy periods</small>	<small>Rain</small>	<small>Clear</small>	<small>Cloudy</small>																						

SAFETY

Safety Meetings:	Summary:
06:00 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	-

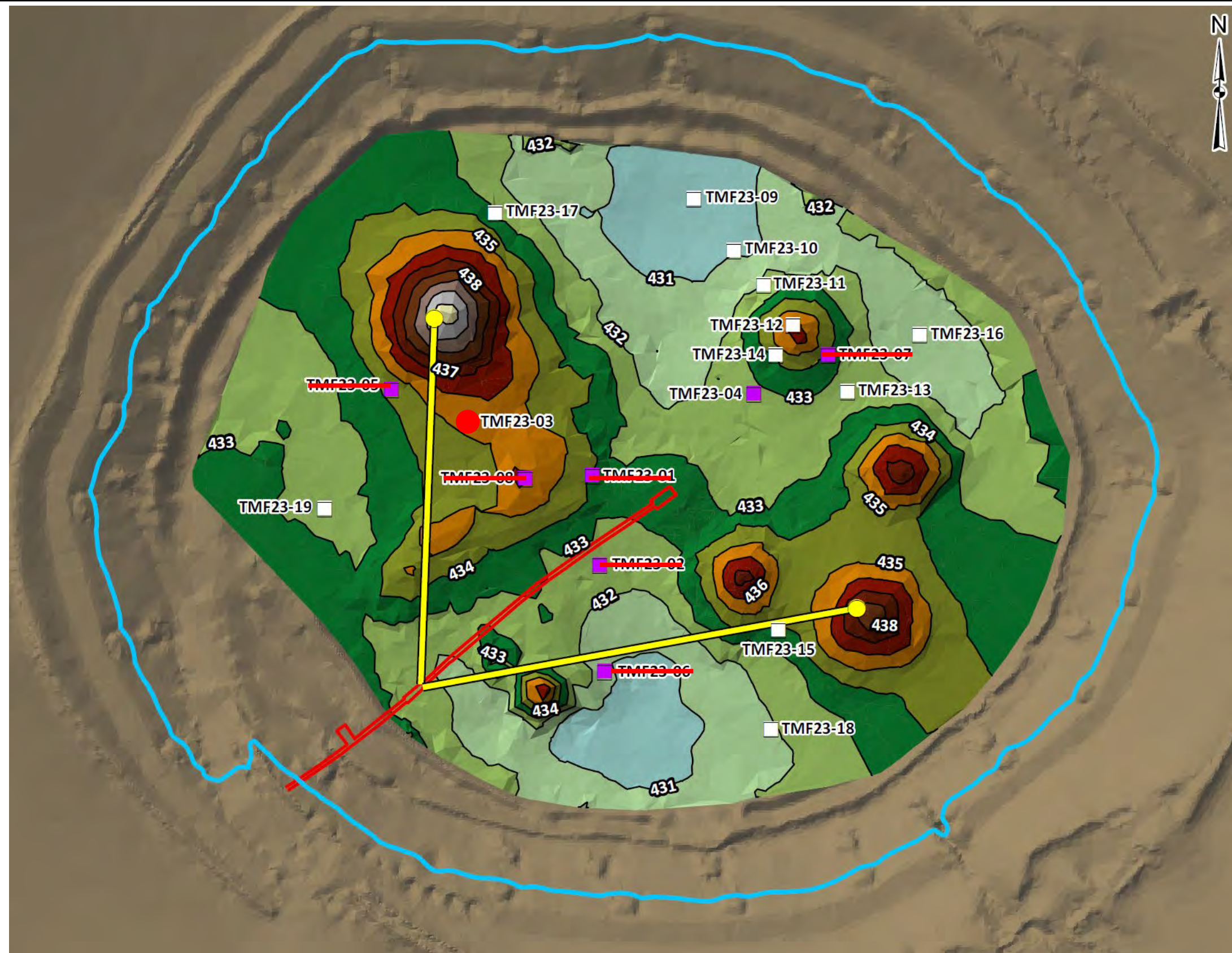
Date ¹	Location ID	Geochemical	Geotechnical
8/8/2023	TMF23-02	X	-
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	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 ●

		<p>2023 TOVP Program</p> <p>Daily Report</p> <p>Figure and Photos</p>
Project No: CAPR002676 Location: McClean Lake		Date: Sept 4, 2023 Approved: AN Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

					2023 TOVP Program		
		Daily Report Figure and Photos			Date: Sept 4, 2023	Approved: AN	Photo Sheet: 1
Project No: CAPR002676 Location: McClean Lake							



Photo 3: Assembled piece



Photo 4: Tank and mixing procedure set-up

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		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)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676		Date: Sept 4, 2023	Approved: AN	Photo Sheet: 4
Location: McClean Lake				

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 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: Sunny Afternoon: Sunny Wind: 7 – 17 km/h with gusts up to 39 km/h . Min: 8 °C Max: 12 °C Comment: -																	
Okane Consultants Distribution List:	Josh Paulsen																				
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																				
				Four Day Outlook:																	
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Wed 6 Sep</td> <td style="width: 25%;">Thu 7 Sep</td> <td style="width: 25%;">Fri 8 Sep</td> <td style="width: 25%;">Sat 9 Sep</td> </tr> <tr> <td> 13°C <small>with Chance of showers</small></td> <td> 13°C <small>Cloudy</small></td> <td> 15°C <small>Sunny</small></td> <td> 18°C <small>Sunny</small></td> </tr> <tr> <td> 9°C <small>with Chance of showers</small></td> <td> 8°C <small>Cloudy periods</small></td> <td> 5°C <small>Clear</small></td> <td> 8°C <small>Cloudy</small></td> </tr> <tr> <td><small>Night</small></td> <td><small>Night</small></td> <td><small>Night</small></td> <td><small>Night</small></td> </tr> </table>		Wed 6 Sep	Thu 7 Sep	Fri 8 Sep	Sat 9 Sep	 13°C <small>with Chance of showers</small>	 13°C <small>Cloudy</small>	 15°C <small>Sunny</small>	 18°C <small>Sunny</small>	 9°C <small>with Chance of showers</small>	 8°C <small>Cloudy periods</small>	 5°C <small>Clear</small>	 8°C <small>Cloudy</small>	<small>Night</small>	<small>Night</small>	<small>Night</small>	<small>Night</small>
Wed 6 Sep	Thu 7 Sep	Fri 8 Sep	Sat 9 Sep																		
 13°C <small>with Chance of showers</small>	 13°C <small>Cloudy</small>	 15°C <small>Sunny</small>	 18°C <small>Sunny</small>																		
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<small>Night</small>	<small>Night</small>	<small>Night</small>	<small>Night</small>																		

SAFETY

Safety Meetings: 06:00 – Toolbox talk	Summary: ■ Brief overview of potential hazards and risks
---	--

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for tomorrow:</p> <ul style="list-style-type: none"> ■ 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	-

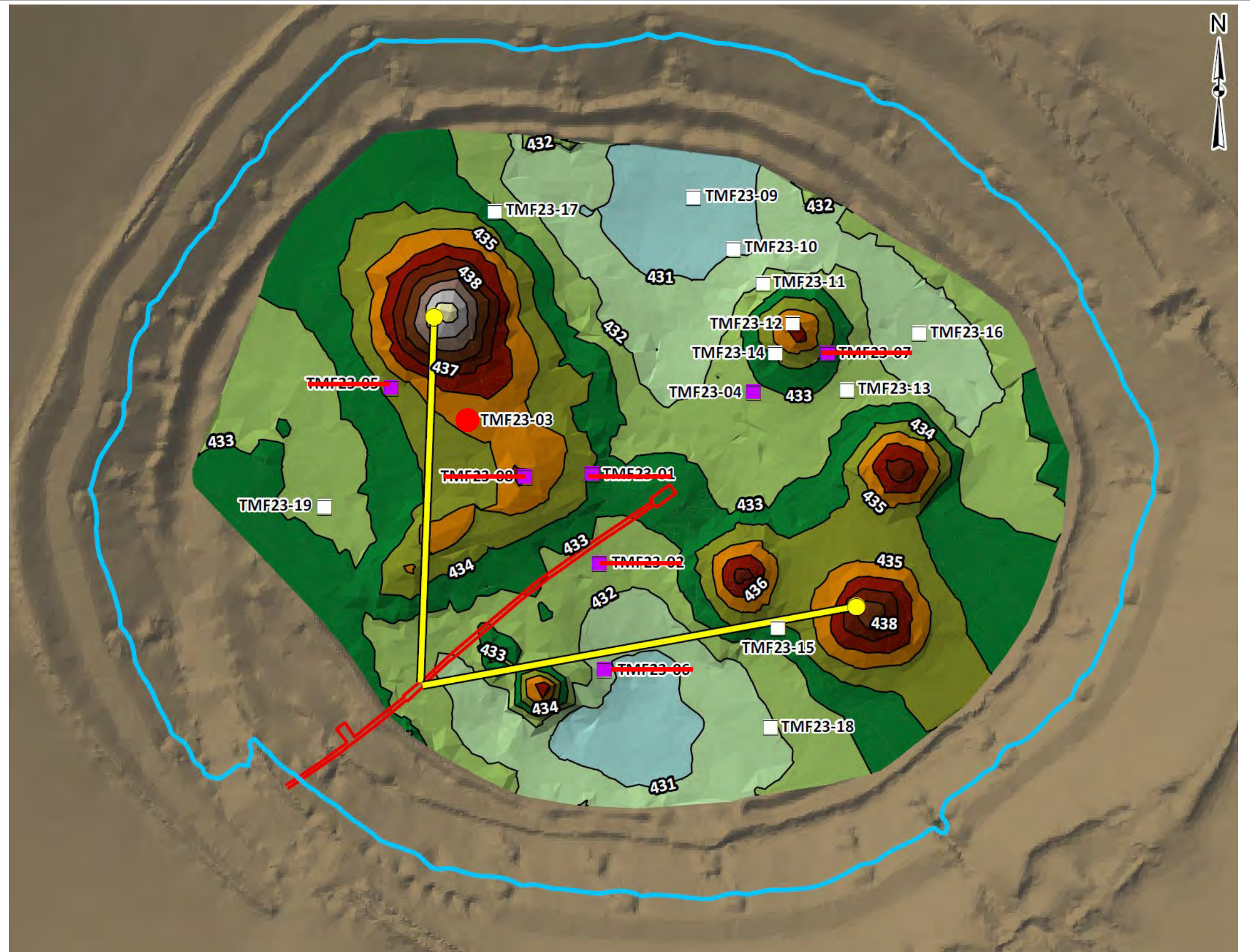
Date ¹	Location ID	Geochemical	Geotechnical
8/9/2023	TMF23-02	X	-
8/10/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/11/2023	Standby – shipping alternate sampler to site.	N/A	N/A
8/12/2023	TMF23-02	X	-
8/12/2023	TMF23-01	X	-
8/13/2023	TMF23-01	X	-
8/14/2023	TMF23-01	X	-
8/15/2023	TMF23-01	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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 5, 2023	Approved: AN	Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

					2023 TOVP Program		
		Daily Report Figure and Photos			Date: Sept 5, 2023	Approved: AN	Photo Sheet: 1
Project No: CAPR002676 Location: McClean Lake							



Photo 3: TMF23-03-SA14 (Silty Sand (SM) - light brown to grey colour).



Photo 4: TMF23-03-SA15 (Silt (ML) - light grey colour).

 Project No: CAPR002676 Location: McClean Lake		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

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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

		2023 TOVP Program			
		Daily Report Figure and Photos			
Project No: CAPR002676 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 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: Partially cloudy Afternoon: Cloudy, rainy Wind: 8 – 12 km/h with gusts up to 32 km/h . Min : 9 °C Max : 12 °C Comment: -													
Okane Consultants Distribution List:	Josh Paulsen																
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																
				Four Day Outlook: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Thu 7 Sep</th> <th>Fri 8 Sep</th> <th>Sat 9 Sep</th> <th>Sun 10 Sep</th> </tr> </thead> <tbody> <tr> <td> 14°C 60% Chance of showers</td> <td> 18°C Sunny</td> <td> 20°C Sunny</td> <td> 18°C Sunny</td> </tr> <tr> <td> 5°C 60% Chance of showers</td> <td> 5°C Clear</td> <td> 5°C Clear</td> <td> 8°C Cloudy</td> </tr> </tbody> </table>		Thu 7 Sep	Fri 8 Sep	Sat 9 Sep	Sun 10 Sep	 14°C 60% Chance of showers	 18°C Sunny	 20°C Sunny	 18°C Sunny	 5°C 60% Chance of showers	 5°C Clear	 5°C Clear	 8°C Cloudy
Thu 7 Sep	Fri 8 Sep	Sat 9 Sep	Sun 10 Sep														
 14°C 60% Chance of showers	 18°C Sunny	 20°C Sunny	 18°C Sunny														
 5°C 60% Chance of showers	 5°C Clear	 5°C Clear	 8°C Cloudy														

SAFETY

Safety Meetings:	Summary:
08:15 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> Obtained at 12:00 (Photo Sheet 2)
TMF23-03	TMF23-03-SA21	2 ft Split Spoon	381.17	53.84	50.8	<ul style="list-style-type: none"> 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

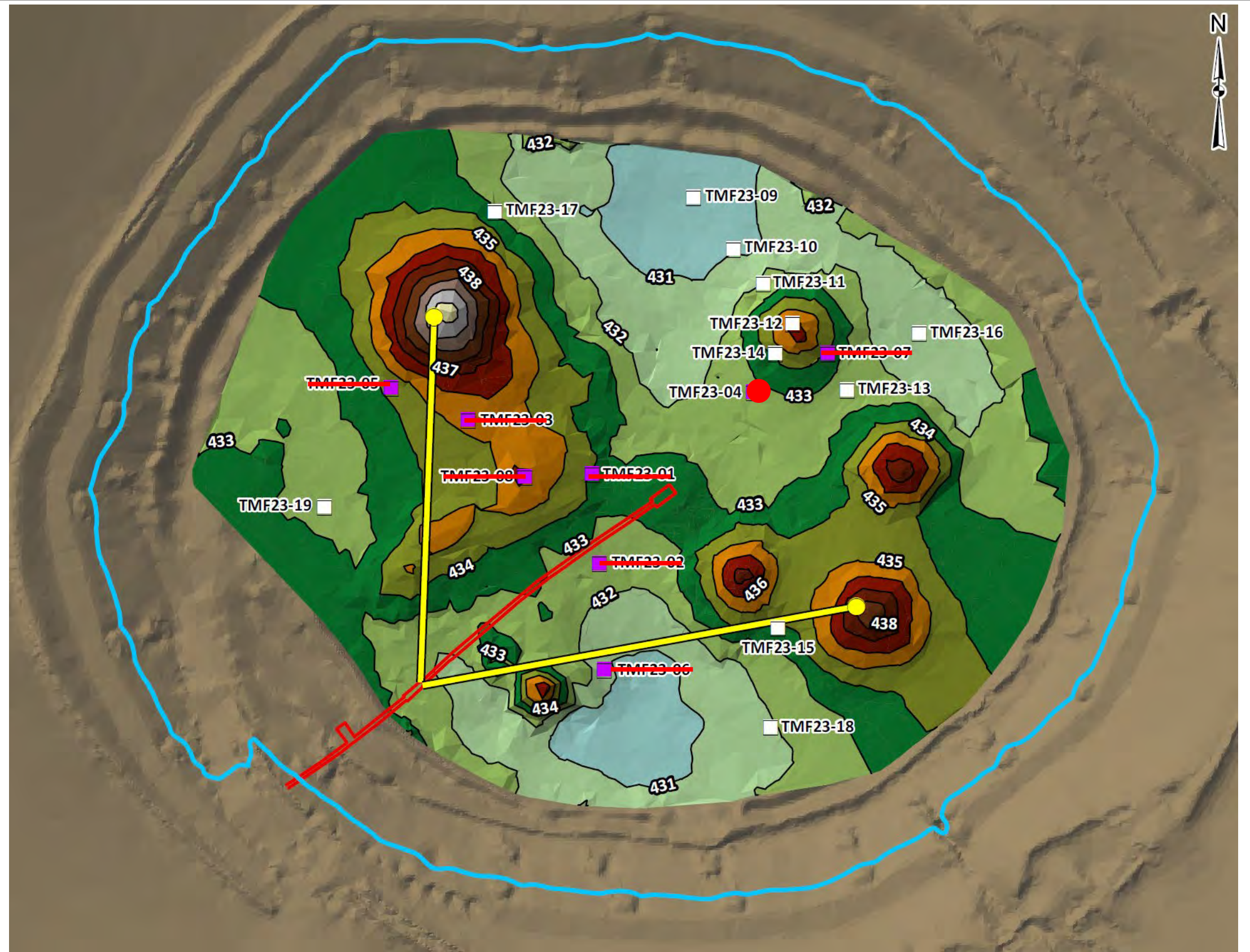
Date ¹	Location ID	Geochemical	Geotechnical
9/07/2023	TMF23-04	X	X

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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 6, 2023	Approved: AN	Figure: 1



Photo 1: Site overview



Photo 2: Remaining Mud Additives

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 6, 2023	Approved: AN	Photo Sheet: 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).

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		Date: Sept 6, 2023	Approved: AN	Photo Sheet: 2

- No Photo

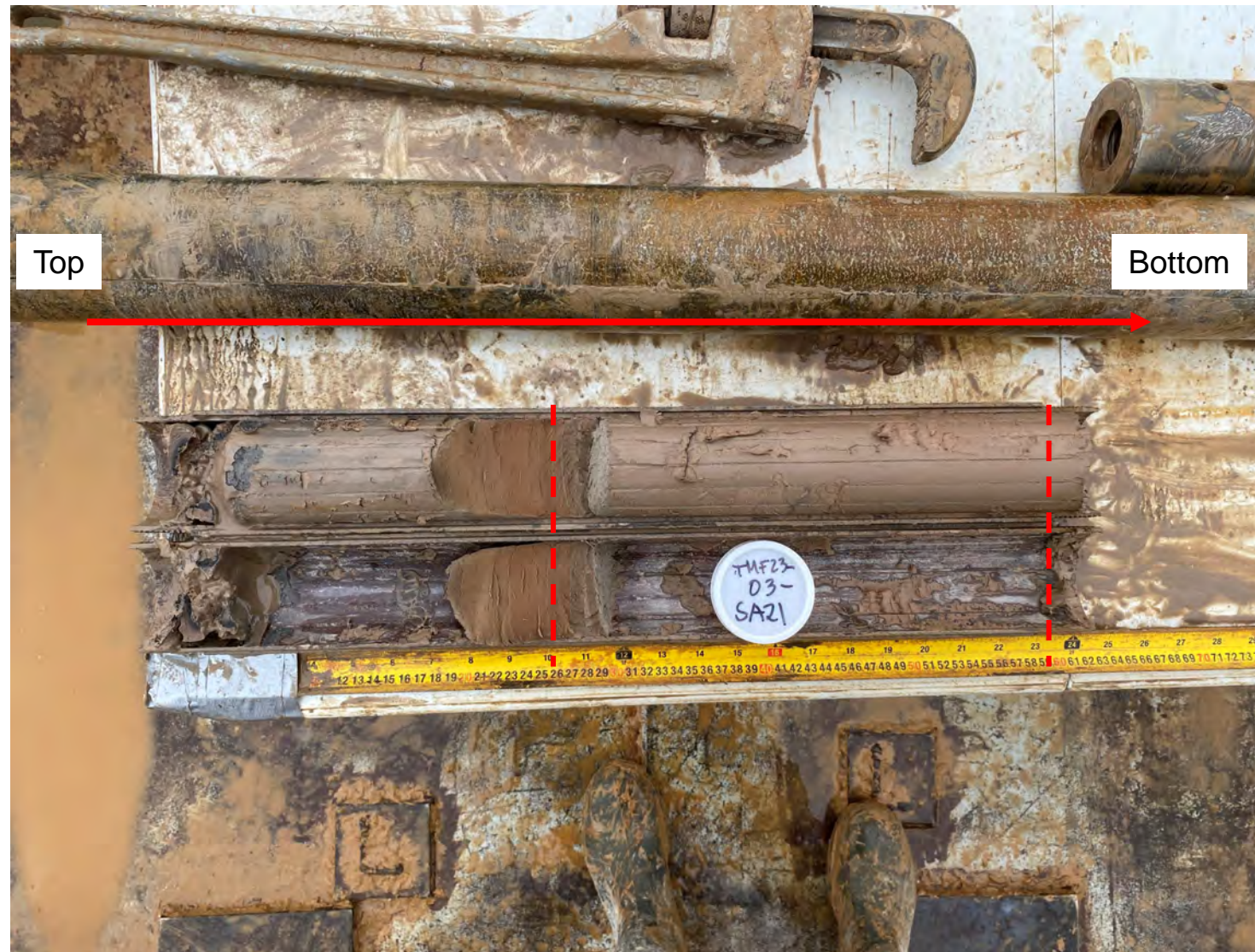


























Photo 5: TMF23-03-SA21 (Silt (ML) – light brown to red colour with thin interbedded layers of sand)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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 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: 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: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Fri 8 Sep</td> <td>Sat 9 Sep</td> <td>Sun 10 Sep</td> <td>Mon 11 Sep</td> </tr> <tr> <td> 14°C</td> <td> 18°C</td> <td> 17°C</td> <td> 19°C</td> </tr> <tr> <td>Clearing</td> <td>Sunny</td> <td>Sunny</td> <td>Sunny</td> </tr> <tr> <td> 3°C</td> <td> 4°C</td> <td> 5°C</td> <td> 9°C</td> </tr> <tr> <td>Clear</td> <td>Clear</td> <td>Clear</td> <td>Cloudy periods</td> </tr> </table>		Fri 8 Sep	Sat 9 Sep	Sun 10 Sep	Mon 11 Sep	 14°C	 18°C	 17°C	 19°C	Clearing	Sunny	Sunny	Sunny	 3°C	 4°C	 5°C	 9°C	Clear	Clear	Clear	Cloudy periods
Fri 8 Sep	Sat 9 Sep	Sun 10 Sep	Mon 11 Sep																						
 14°C	 18°C	 17°C	 19°C																						
Clearing	Sunny	Sunny	Sunny																						
 3°C	 4°C	 5°C	 9°C																						
Clear	Clear	Clear	Cloudy periods																						

SAFETY

Safety Meetings:	Summary:
06:15 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Obtained at 13:50 (Photo Sheet 3)
TMF23-04	TMF23-04-SA04	Shelby	426.09	6.52	93.4	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Obtained at 15:15
TMF23-04	TMF23-04-SA05	Shelby	424.69	7.92	79.2	<ul style="list-style-type: none"> • Obtained at 16:21 (Photo Sheet 4)
TMF23-04	TMF23-04-SA06	5 ft Split Spoon	421.04	11.58	68.2	<ul style="list-style-type: none"> • 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	-

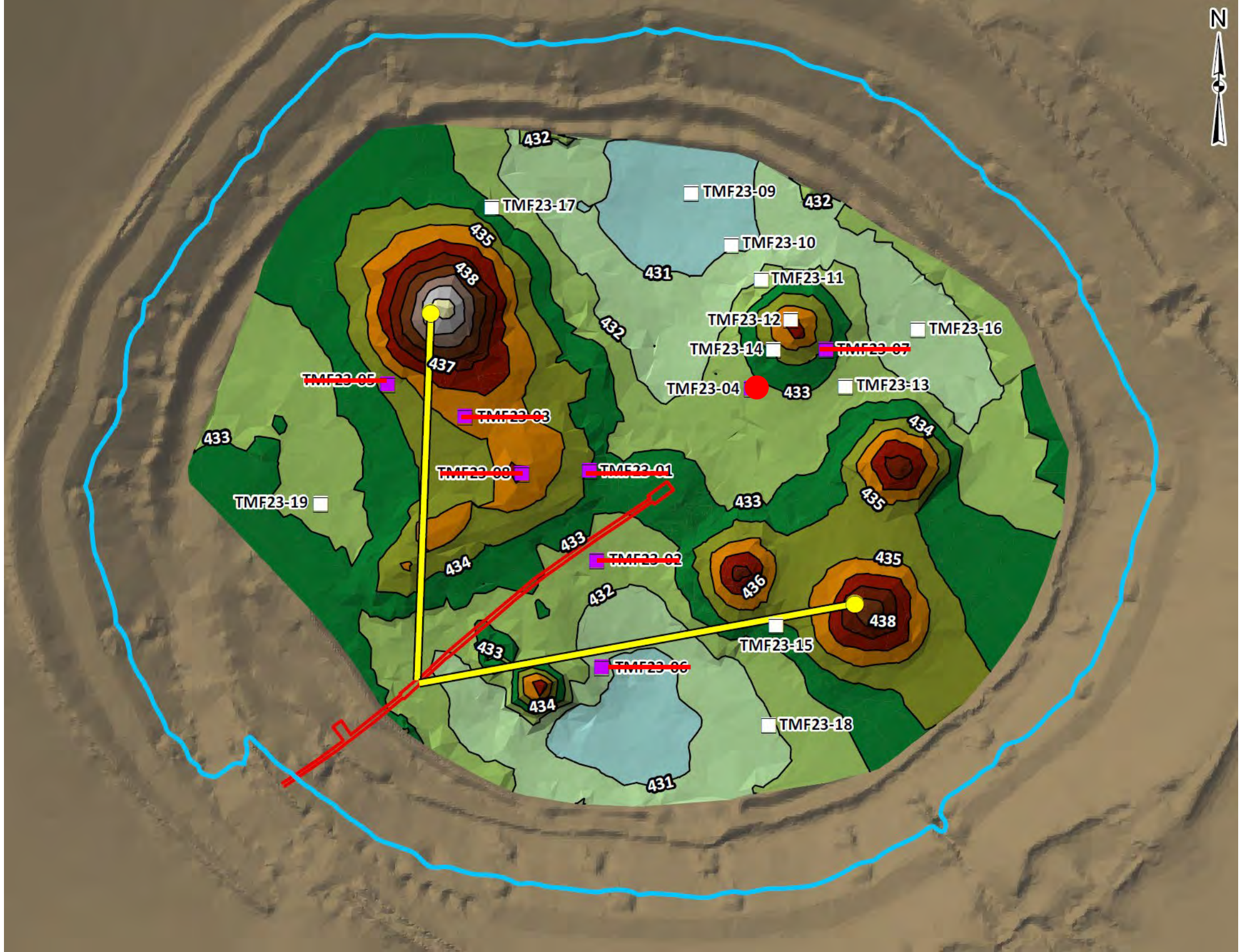
Date ¹	Location ID	Geochemical	Geotechnical
8/17/2023	TMF23-01	X	-
9/02/2023	TMF23-03	X	X
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X

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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 7, 2023	Approved: AN	Figure: 1



Photo 1: Site overview (Morning)



Photo 2: Site overview (Evening)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 7, 2023	Approved: AN	Photo Sheet: 1



Photo 3: TMF23-04-DREDGE



Photo 4: TMF23-04-SA02B

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake	Date: Sept 7, 2023	Approved: AN	Photo Sheet: 2	



Photo 3: TMF23-04-SA03



Photo 4: TMF23-04-SA04

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 7, 2023	Approved: AN	Photo Sheet: 3



























Photo 3: TMF23-04-SA05



Photo 4: TMF23-04-SA06 (Sand (SM) – light brown colour).

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
		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 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: Partially cloudy Afternoon: Partially cloudy and rainy Wind: 5 – 16 km/h Min : 14.4 °C Max : 2.0 °C Comment: -	Four Day Outlook: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Sat 9 Sep</th> <th>Sun 10 Sep</th> <th>Mon 11 Sep</th> <th>Tue 12 Sep</th> </tr> </thead> <tbody> <tr> <td> 14°C Mainly sunny</td> <td> 17°C Sunny</td> <td> 19°C Sunny</td> <td> 22°C Sunny</td> </tr> <tr> <td> 1°C A few clouds</td> <td> 5°C Clear</td> <td> 9°C Clear</td> <td> 9°C Clear</td> </tr> </tbody> </table>	Sat 9 Sep	Sun 10 Sep	Mon 11 Sep	Tue 12 Sep	 14°C Mainly sunny	 17°C Sunny	 19°C Sunny	 22°C Sunny	 1°C A few clouds	 5°C Clear	 9°C Clear	 9°C Clear
Sat 9 Sep	Sun 10 Sep	Mon 11 Sep	Tue 12 Sep														
 14°C Mainly sunny	 17°C Sunny	 19°C Sunny	 22°C Sunny														
 1°C A few clouds	 5°C Clear	 9°C Clear	 9°C Clear														
Okane Consultants Distribution List:	Josh Paulsen																
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																

SAFETY

Safety Meetings:	Summary:
06:15 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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. <p>Plan for tomorrow:</p> <ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Obtained at 9:10 (Photo Sheet 1).
TMF23-04	TMF23-04-SA09	Shelby	412.55	20.06	100.0	<ul style="list-style-type: none"> • Obtained at 10:30 (Photo Sheet 2).
TMF23-04	TMF23-04-SA02-GT	Shelby	411.94	20.68	75.1	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> Obtained at 14:25 (Photo Sheet 2).
TMF23-04	TMF23-04-SA11	5 ft Split Spoon	406.42	26.20	86.0	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

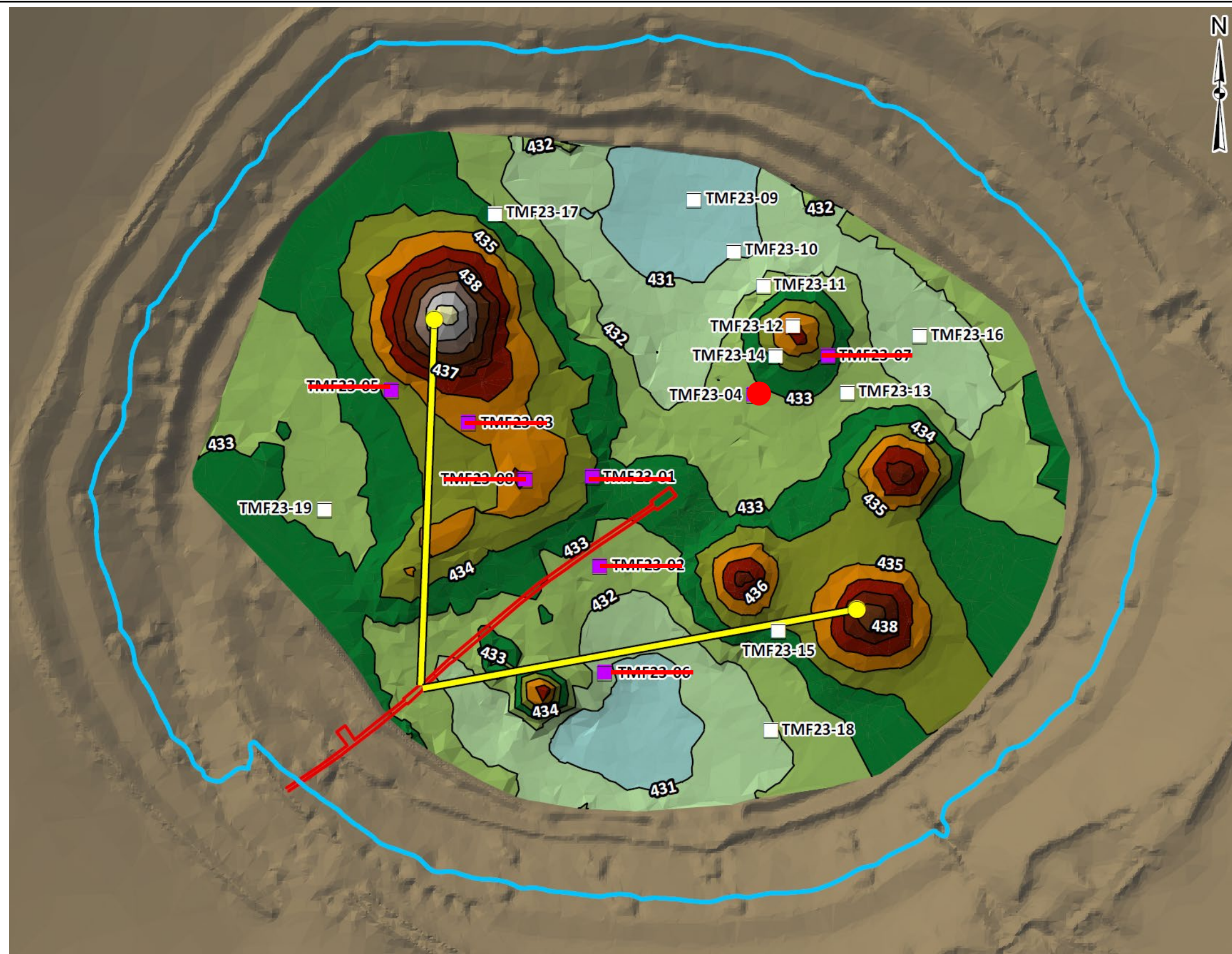
Date ¹	Location ID	Geochemical	Geotechnical
9/03/2023	TMF23-03	X	X
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X

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: Sept 8, 2023 Approved: AN Figure: 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)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 8, 2023	Approved: AN	Photo Sheet: 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).

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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 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: Foggy Afternoon: Sunny Wind: 4 – 8 km/h with gusts up to 20 km/h Min : 9 °C Max : 15 °C Comment: -																					
Okane Consultants Distribution List:	Josh Paulsen																								
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																								
				Four Day Outlook:																					
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="font-size: 8px;">Sun 10 Sep</td> <td style="font-size: 8px;">Mon 11 Sep</td> <td style="font-size: 8px;">Tue 12 Sep</td> <td style="font-size: 8px;">Wed 13 Sep</td> </tr> <tr> <td> 17°C</td> <td> 19°C</td> <td> 22°C</td> <td> 19°C</td> </tr> <tr> <td>Sunny</td> <td>Sunny</td> <td>Sunny</td> <td>A mix of sun and cloud</td> </tr> <tr> <td> 5°C</td> <td> 10°C</td> <td> 11°C</td> <td> 10°C</td> </tr> <tr> <td>Clear</td> <td>Clear</td> <td>Clear</td> <td>90% Chance of showers</td> </tr> </table>		Sun 10 Sep	Mon 11 Sep	Tue 12 Sep	Wed 13 Sep	 17°C	 19°C	 22°C	 19°C	Sunny	Sunny	Sunny	A mix of sun and cloud	 5°C	 10°C	 11°C	 10°C	Clear	Clear	Clear	90% Chance of showers
Sun 10 Sep	Mon 11 Sep	Tue 12 Sep	Wed 13 Sep																						
 17°C	 19°C	 22°C	 19°C																						
Sunny	Sunny	Sunny	A mix of sun and cloud																						
 5°C	 10°C	 11°C	 10°C																						
Clear	Clear	Clear	90% Chance of showers																						

SAFETY

Safety Meetings:	Summary:
06:15 – Toolbox talk	■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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

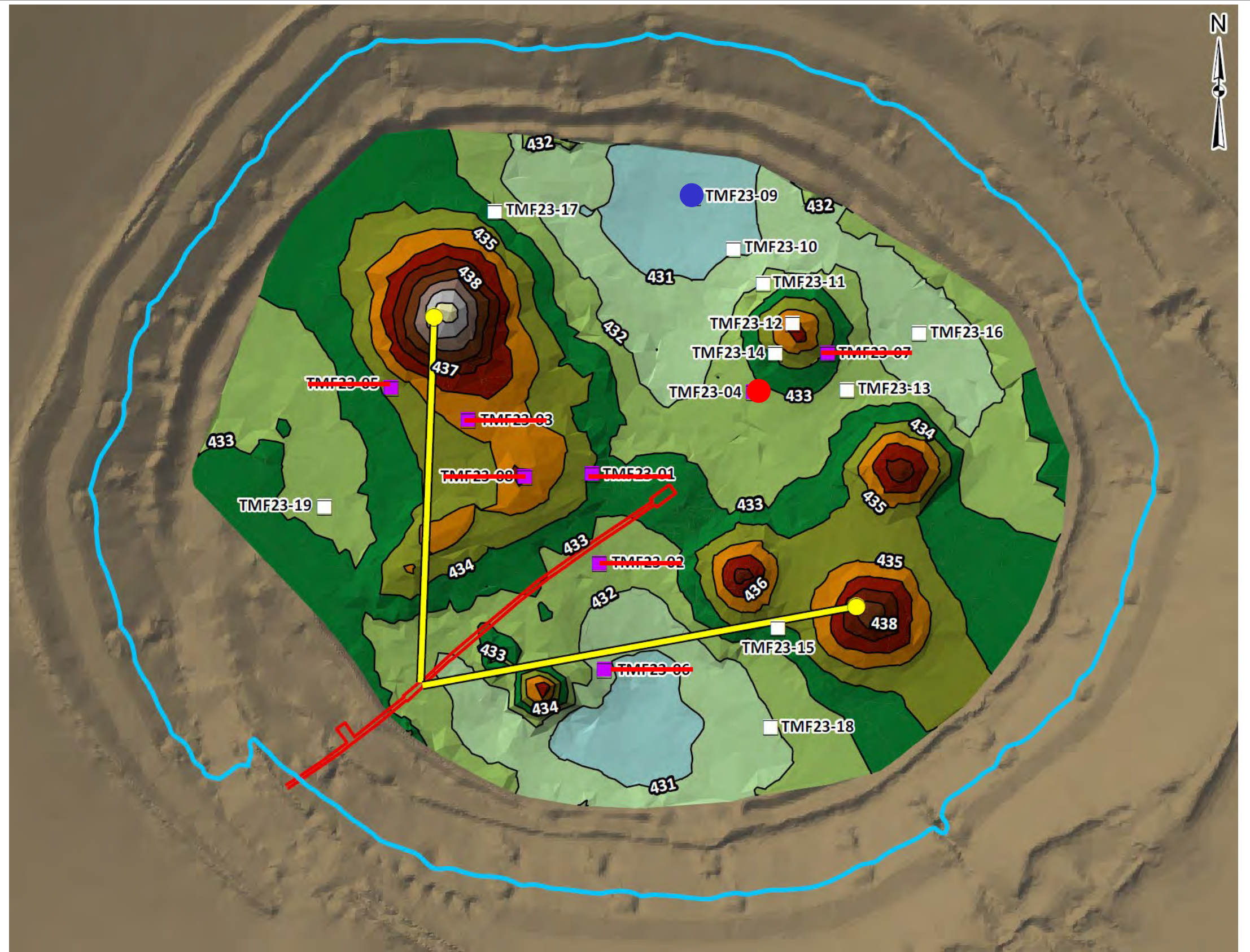
Date ¹	Location ID	Geochemical	Geotechnical
9/04/2023	TMF23-03	X	X
9/05/2023	TMF23-03	X	X
9/06/2023	TMF23-03	X	X
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X
9/10/2023	TMF23-04	X	-
9/10/2023	TMF23-09	-	X

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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 9, 2023	Approved: AN	Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 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)

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		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).

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
Date: Sept 9, 2023	Approved: AN	Photo Sheet:	3	

























- No Photo



Photo 7: TMF23-04-SA17 (Silt (ML) – grey colour, striated structure. Medium plasticity).

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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 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: 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:													
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Mon 11 Sep</th> <th>Tue 12 Sep</th> <th>Wed 13 Sep</th> <th>Thu 14 Sep</th> </tr> </thead> <tbody> <tr> <td> 18°C Sunny</td> <td> 21°C Sunny</td> <td> 20°C Cloudy</td> <td> 18°C Sunny</td> </tr> <tr> <td> 9°C Clear</td> <td> 10°C Cloudy periods</td> <td> 10°C 50% Chance of showers</td> <td> 8°C 30% Chance of showers</td> </tr> </tbody> </table>		Mon 11 Sep	Tue 12 Sep	Wed 13 Sep	Thu 14 Sep	 18°C Sunny	 21°C Sunny	 20°C Cloudy	 18°C Sunny	 9°C Clear	 10°C Cloudy periods	 10°C 50% Chance of showers	 8°C 30% Chance of showers
Mon 11 Sep	Tue 12 Sep	Wed 13 Sep	Thu 14 Sep														
 18°C Sunny	 21°C Sunny	 20°C Cloudy	 18°C Sunny														
 9°C Clear	 10°C Cloudy periods	 10°C 50% Chance of showers	 8°C 30% Chance of showers														

SAFETY

Safety Meetings:	Summary:
06:15 – Toolbox talk	<ul style="list-style-type: none"> ■ Brief overview of potential hazards and risks

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> • -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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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

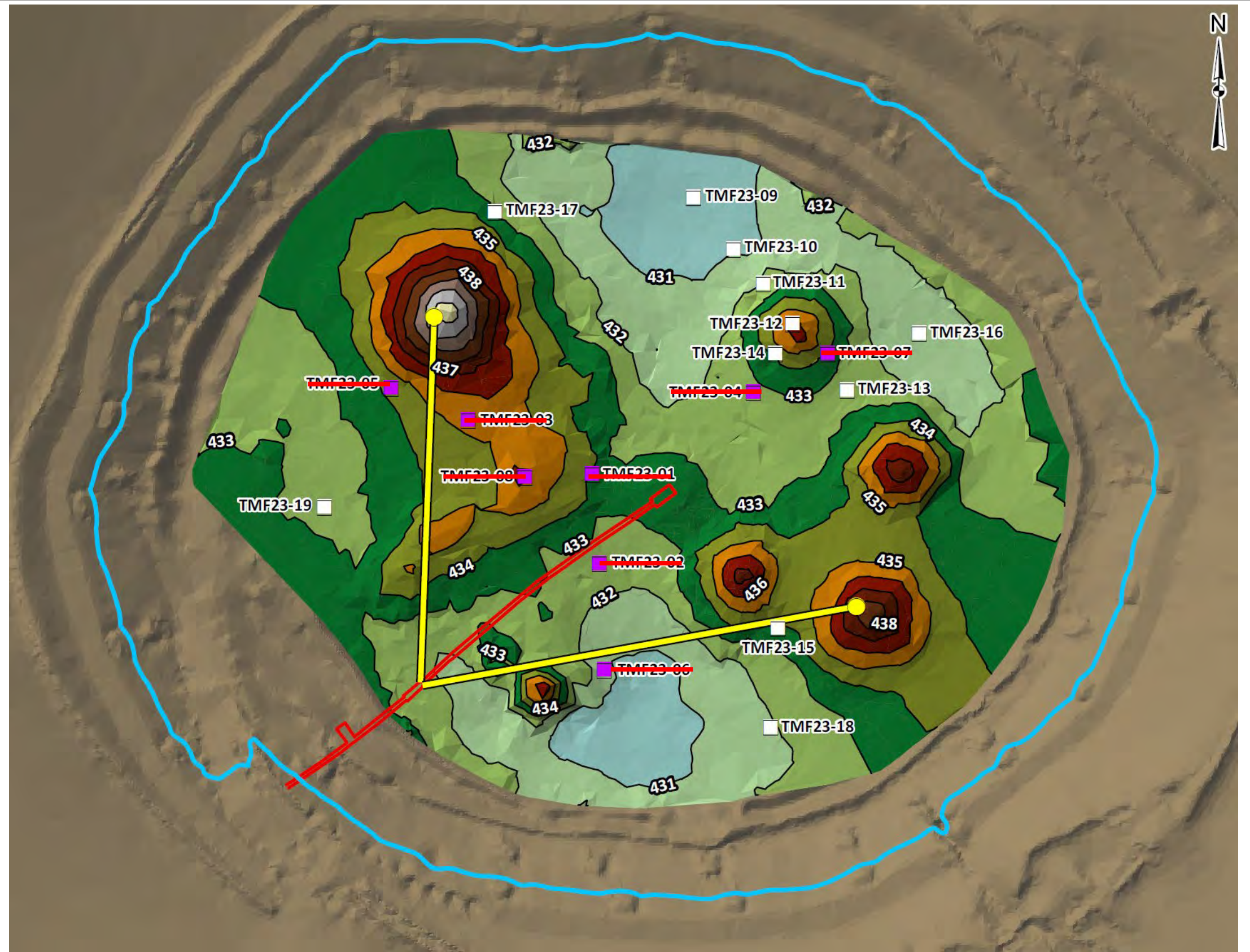
Date ¹	Location ID	Geochemical	Geotechnical
9/07/2023	TMF23-04	X	X
9/08/2023	TMF23-04	X	X
9/09/2023	TMF23-04	X	X
9/10/2023	TMF23-04	X	X
9/11/2023	-	-	-

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 ●

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 10, 2023	Approved: AN	Figure: 1



Photo 1: Site overview at the beginning of the day



Photo 2: Site overview at the end of the day

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		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)

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 10, 2023	Approved: AN	Photo Sheet: 2



Photo 5: TMF23-04-SA20 (Silt (ML) – grey / light brown colour).



Photo 6: TMF23-04-SA21 (Silt (ML) –brown to greyish colour)

 Project No: CAPR002676 Location: McClean Lake		2023 TOVP Program		
		Daily Report Figure and Photos		
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

DRAFT

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 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: Sunny Afternoon: Sunny Wind: 13 – 19 km/h with gusts up to 44 km/h Min : 12 °C Max : 19 °C Comment: -																									
Okane Consultants Distribution List:	Josh Paulsen																												
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov																												
				Four Day Outlook:																									
				<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Tue 12 Sep</td> <td style="width: 25%;">Wed 13 Sep</td> <td style="width: 25%;">Thu 14 Sep</td> <td style="width: 25%;">Fri 15 Sep</td> </tr> <tr> <td> 29°C</td> <td> 19°C</td> <td> 15°C</td> <td> 15°C</td> </tr> <tr> <td>Sunny</td> <td>Cloudy</td> <td>Showers</td> <td>A mix of sun and cloud</td> </tr> <tr> <td>Night</td> <td>Night</td> <td>Night</td> <td>Night</td> </tr> <tr> <td> 11°C</td> <td> 10°C</td> <td> 8°C</td> <td> 9°C</td> </tr> <tr> <td>50% Chance of showers</td> <td>50% Showers</td> <td>50% Cloudy periods</td> <td>50% Cloudy periods</td> </tr> </table>		Tue 12 Sep	Wed 13 Sep	Thu 14 Sep	Fri 15 Sep	 29°C	 19°C	 15°C	 15°C	Sunny	Cloudy	Showers	A mix of sun and cloud	Night	Night	Night	Night	 11°C	 10°C	 8°C	 9°C	50% Chance of showers	50% Showers	50% Cloudy periods	50% Cloudy periods
Tue 12 Sep	Wed 13 Sep	Thu 14 Sep	Fri 15 Sep																										
 29°C	 19°C	 15°C	 15°C																										
Sunny	Cloudy	Showers	A mix of sun and cloud																										
Night	Night	Night	Night																										
 11°C	 10°C	 8°C	 9°C																										
50% Chance of showers	50% Showers	50% Cloudy periods	50% Cloudy periods																										

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

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 11, 2023	Approved: AN	Photo Sheet: 1



Photo 3: Barge Landing (Part 1)



Photo 4: Barge Landing (Part 2)

					2023 TOVP Program		
		Daily Report Figure and Photos			2		
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)

					2023 TOVP Program		
		Daily Report Figure and Photos			3		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 11, 2023		Approved: AN		Photo Sheet: 3	



Photo 7: Geotechnical Sample Bags



Photo 8: Geotechnical Shelby Tubes

		2023 TOVP Program		
		Daily Report Figure and Photos		
Project No: CAPR002676 Location: McClean Lake		Date: Sept 11, 2023	Approved: AN	Photo Sheet: 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 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	No No No 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: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Wed 13 Sep 22°C Chance of showers</td> <td>Thu 14 Sep 17°C Chance of showers</td> <td>Fri 15 Sep 16°C A mix of sun and cloud</td> <td>Sat 16 Sep 18°C A mix of sun and cloud</td> </tr> <tr> <td>Night 11°C Chance of showers</td> <td>Night 7°C Cloudy periods</td> <td>Night 7°C Clear</td> <td>Night 9°C Cloudy periods</td> </tr> </table>		Wed 13 Sep 22°C Chance of showers	Thu 14 Sep 17°C Chance of showers	Fri 15 Sep 16°C A mix of sun and cloud	Sat 16 Sep 18°C A mix of sun and cloud	Night 11°C Chance of showers	Night 7°C Cloudy periods	Night 7°C Clear	Night 9°C Cloudy periods
Wed 13 Sep 22°C Chance of showers	Thu 14 Sep 17°C Chance of showers	Fri 15 Sep 16°C A mix of sun and cloud	Sat 16 Sep 18°C A mix of sun and cloud										
Night 11°C Chance of showers	Night 7°C Cloudy periods	Night 7°C Clear	Night 9°C Cloudy periods										

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ 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

		2023 TOVP Program			
		Daily Report Figure and Photos			
Project No: CAPR002676 Location: McClean Lake			Date: Sept 12, 2023	Approved: AN	Photo Sheet: 1

FINAL

TOVP 2024 – Factual Report

McClellan Lake TOVP 2024 Geotechnical Drilling Supervision,
Saskatchewan, Canada

Orano Canada Inc.



SRK Consulting (Canada) Inc. ■ CAPR003271 ■ December 2025



FINAL

TOVP 2024 – Factual Report

Saskatchewan, Canada

Prepared for:

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

+1 306 343 4500
www.orano.group



Prepared by:

SRK Consulting (Canada) Inc.
320 Granville Street, Suite 2600
Vancouver, BC V6C 1S9
Canada

+1 604 681 4196
www.srk.com



Lead Author: Anton Novikov **Initials:** AN

Reviewers: Adam Leik, Erik Ketilson **Initials:** ABL/EK

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TMF Overview

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Appendices

Appendix A	Daily Drilling Progress Summary
Appendix B	Collected Samples Summary
Appendix C	Field Daily Reports

Useful Definitions

This list contains definitions of symbols, units, abbreviations, and terminology that may be unfamiliar to the reader.

GPS	Global Positioning System
GUS	Gregory Undisturbed Sampler
SHEQ	Safety, Health, Environment, and Quality
SPT	Standard Penetration Test
TMF	Tailings Management Facility
TOVP	Tailings Optimisation and Validation Program

Executive Summary

SRK Consulting (Canada) Inc. was retained by Orano Canada Inc. to conduct the 2024 Tailings Optimisation and Validation Program (TOVP) at the JEB Pit Tailings Management Facility (TMF) at McClean Lake, Saskatchewan. The primary goal of the 2024 TOVP was to complete the geotechnical drilling locations that had been deferred from the 2023 TOVP. These locations were not completed during the 2023 drilling program due to time constraints caused by borehole instability issues. Please refer to the factual report issued for the 2023 drilling campaign (SRK 2024) for more information.

The field program was conducted between June 18 and July 2, 2024. Sampling was performed using a Gregory Undisturbed Sampler (GUS) piston sampler. Eight of the 11 locations were strategically positioned around a recent deposition point, to characterise the segregation of tailings during deposition. The remaining 3 locations were placed around the pit perimeter to assess the hydraulic conductivity of the tailings at the facility perimeter.

An improved understanding of the segregation characteristics of the tailings during deposition is an important aspect of the project ongoing consolidation modelling and will inform the planning of future site investigations. Characterising the tailings around the pit perimeter is necessary to ensure the facility meets its design objective of minimising advective transport out of the facility.

In general, the drilling program was executed successfully without any major issues. Minor challenges were encountered on one borehole due to high wind gusts (leading to movement of the barge) and borehole instability. Issues related to the high wind gusts were overcome by procuring additional anchors for the barge. Borehole instability was prevalent in one location, which led to not all proposed samples being collected.

For future TOVP programs SRK recommends that an alternative drilling method, such as use of a sonic drill rig be used. Benefits of sonic drilling include enhanced efficiency, the potential to obtain a continuous profile of tailings from each location, and to potentially mitigate the previously encountered sloughing issues.

The purpose of this document is to provide a factual summary of the 2024 TOVP field program, including methodology, results, and recommendations. Information on laboratory testing for collected samples will be provided in a subsequent document.

1 Introduction

SRK Consulting (Canada) Inc. was retained by Orano Canada Inc. to conduct the 2024 Tailings Optimisation and Validation Program (TOVP) at the JEB Pit Tailings Management Facility (TMF) at McClean Lake, Saskatchewan. The Jeb Pit TMF is situated on the eastern side of the Athabasca sedimentary basin, approximately 700 km north of Saskatoon, Saskatchewan.

The primary objective of the 2024 TOVP was to complete the 11 geotechnical drilling locations that were deferred from the 2023 TOVP.

The purpose of this document is to provide information pertaining to the 2024 TOVP field program and to offer recommendations for future TOVPs. Information regarding laboratory testing will be provided in a subsequent document. The structure of this document is as follows:

- **Section 1 – Introduction:**
 - Provides a brief background about the site, details of the 2023 TOVP program, and the objectives of the 2024 TOVP program. Additionally, it includes a concise overview of the schedule and location.
- **Section 2 – Methodology:**
 - Offers a detailed schedule of the program, an overview of the climate, and the roles and responsibilities of the involved parties. It also outlines the drilling methods used during the 2024 TOVP program and provides an overview of the sample selection process.
- **Section 3 – Results:**
 - Provides details on the locations of the completed drill holes, the number of samples collected, the time taken for each barge relocation, and outlines the TOVP 2024 timeline.
- **Section 4 – Discussion:**
 - Describes the issues encountered during drilling, sampling, and barge relocation.
- **Section 5 – Conclusion and Recommendations:**
 - Offers recommendations for future TOVP programs and presents the conclusion.

This document also includes the following appendices:

- **Appendix A:** Daily drilling progress summary.
- **Appendix B:** Table of collected geotechnical samples.
- **Appendix C:** Daily reports completed during the 2024 TOVP field program.

Along with the appendices, a PowerBI Dashboard will be made available through a secure web address with restricted access. This dashboard, which already features previous TOVP information, will enable querying of the 2024 TOVP sampling data and will be updated with the results of associated laboratory testing once available. The link to the dashboard will be provided via separate communication (e-mail), to the individuals specified by Orano.

2 Methodology

2.1 Roles and Responsibilities

Paddock Drilling Ltd. was contracted to supply a drill rig, drilling supplies, sampling equipment, and operating personnel. SRK's roles and responsibilities included the following:

- Utilizing GPS survey equipment to locate and position the barge at specified drilling sites.
- Supervising the collection of geotechnical Shelby tube samples using Paddock's GUS piston sampler, as well as waxing and sealing the Shelby tubes for transport and storage.
- Performing Standard Penetration Tests (SPTs) and providing high-level logging information on the material collected where appropriate.
- Selecting the depths of the geotechnical samples.
- Serving as a liaison between the drilling program, tailings deposition trial, and McClean Lake operations, including SHEQ, Site Services, Maintenance, Mill, Metallurgy, and Health & Safety departments.

2.2 Program Timeline

The 2024 TOVP took place between June 18th, 2024, and July 2nd, 2024. On average, approximately 33 m were drilled, and 6 samples were collected daily. This excludes two weather-related standby and three mobilization/demobilization days. Appendix A offers a day-by-day breakdown of the drilling progress. Figure 5, in Section 3, provides a more detailed breakdown of the program timeline in the form of a Gantt Chart.

2.3 On-Site Climate

During the drilling program, the weather was predominantly sunny, with overcast and periods of rain. The minimum daily temperatures ranged from -0.4°C to 13.5°C, while the maximum daily temperatures varied from 12.9°C to 27.7°C. Windy conditions posed a challenge, particularly in relocating the barge, resulting in the loss of 2 days of drilling (June 24th and June 27th). On these days, wind gusts reached approximately 35 km/hr and 31 km/hr, respectively. Overall, the minimum daily wind speeds ranged from 0 km/hr to 8 km/hr, and the maximum daily wind speeds varied from 6 km/hr to 23 km/hr, excluding wind gusts. Daily climate information is summarized in Daily Reports completed on-site (Appendix C).

2.4 Drilling Methods

2.4.1 Barge Relocation and Securing

To facilitate drilling, a B-48 Mobile Drill was placed on the barge with the drill positioned above a designated opening (see Figure 1). SRK staff used a GPS (Trimble TSC7 data collector and R12 rover head) to locate the proposed drillhole locations and place a buoy from the support boat (see Figure 2) before the barge relocation process began. These buoys were used as a visual aid only, as during barge relocation, SRK staff used the GPS to guide the vessel to within 3m of the proposed drilling location.

Figure 1: Barge and Drill Rig Set-Up



Figure 2: Support Boat



After relocating the barge to within 3 m of the proposed location, it was secured with Claw/Bruce 33-lb (15.0 kg) anchors. Before drilling, the barge was monitored for passive movements for a few minutes, after which the location was confirmed again using the survey unit. If the drill opening on the barge was found to be within 3 m of the proposed location after this period, drilling commenced. Otherwise, the position of the barge was adjusted by tightening or loosening various anchors. Once the barge was secured, the depth to tailings was recorded using a weighted tape reel.

Despite having set anchors, strong wind gusts were still capable of moving the barge. During periods with strong wind gusts, SRK was granted permission from Orano to tie a rope between the nearest anchor block situated along the perimeter of the TMF and the barge to prevent the barge from drifting into the shoreline. More details are provided in Section 4.1 of this report.

2.4.2 Sampling Procedure

SRK collected two types of samples: GUS piston samples, and SPT split spoon samples. The following subsections provide additional details on each of the techniques used.

In addition to sample collection and general quality assurance, SRK monitored the pump pressures during the extension of the GUS sampler and the rotational pressures during drilling to attempt to identify any correlations with material changes and support decisions on sampling depth.

Appendix C provides Daily Reports with detailed information on sample locations and collection procedures.

GUS Piston Sampling Procedure

Geotechnical sample collection was conducted using the GUS piston sampler, fitted with thin-walled stainless steel Shelby tubes measuring 0.76 m in length, 0.073 m in diameter, and with a wall thickness of 0.01 m. The sampler and Shelby tubes were inserted into HWT casing (with a diameter of 0.11 m). The assembly was advanced using AWJ rods with a diameter of 0.044 m. In instances where poor recovery was encountered at the target elevation, a "duplicate" sample was attempted at a depth equal to the target depth plus the length of the sampler. Bentonitic drilling mud was not used during drilling, except at the TMF24-12 location to address significant sloughing issues. Further details can be found in Section 4.2 of the report.

Typically, the HWT casing advanced easily through the soft / loose tailings to the estimated sample depth without the need for rotating the drill head. Once the casing reached the target depth, the GUS piston sampler with an attached Shelby tube was lowered inside the casing to the target elevation.

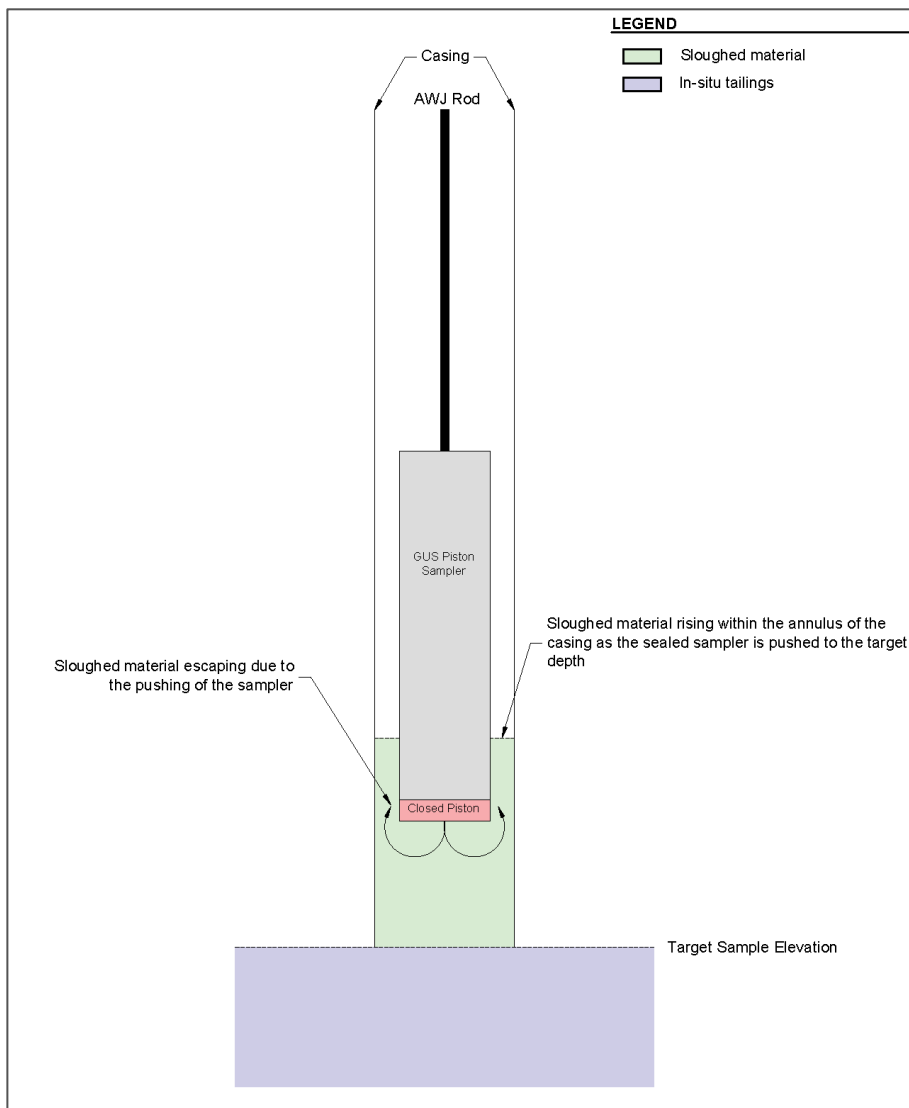
Despite confirming the target depth with a reel tape before lowering the sampler, small amounts (~ 150 mm) of slough were often found inside the casing after lower the sampler. Due to the soft / loose nature of the material, the sealed GUS sampler, with the Shelby tube in place, could push through the slough inside the casing to reach the sampling depth. If significant sloughing was observed after lowering the sampler, the sampler was retrieved and the HWT drill casing was flushed with water.

After reaching the target depth, the sampler was extended 0.61 m using hydraulic pressure through the AWJ rods. After the Shelby tube was brought to surface, a visual inspection of the material at the top of the tube was performed to ensure that the slough inside the casing had not been compressed during the process of advancing the "closed" GUS sampler. Despite the visual inspections being qualitative, there did not appear to be any evidence of densified material at the top of the Shelby Tubes. It is believed that rather than compressing the slough during this process, the tailings were pushed up and around the sampler and between the annulus of the casing. Figure 3 provides a diagram of the sampling procedure.

SPT Sampling Procedure

The 0.61 m SPT sampler (split spoon) was not used to collect geotechnical samples and was only used to visually confirm when drilling had advanced into the JEB/SUE tailings. It was pushed 0.61 m using the drill head after reaching the estimated JEB/SUE and Cigar Lake tailings contact. In general, the SPT sampler was advanced using a drill head, and not the SPT hammer due to how soft the tailings were. Early in the program, an attempt was made to use the SPT hammer to obtain an N-value; however, only one blow was required for the sampler to penetrate it's full length (more than 0.6 m).

Figure 3: Detail of Sampling Procedure



2.5 Sample Selection Criteria

Sampling was performed to achieve two objectives:

- Improving the understanding of segregation characteristics of the Cigar Lake tailings during deposition;
- Validating the hydraulic conductivity of the tailings around the JEB Pit TMF perimeter;
- Support ongoing consolidation modelling; and
- Inform groundwater load balances.

The following subsections provide additional details pertaining to specific sample selection intervals.

2.5.1 Characterisation of Segregation During Deposition

To improve the understanding of segregation during deposition, 8 of the 11 drill hole locations were focused on a 2023 tailings deposition cone on the eastern side of the TMF. This location was selected because it was the first time Cigar Lake tailings had been deposited on this side of the TMF, and since this location had been far from any previous deposition points, the tailings beneath the recent deposition point were expected to be relatively fine. These fine tailings anticipated to provide a stark contrast to the recently deposited coarser tailings and permit identification and isolation of the recently deposited 2023 tailings. These hypotheses were validated during the CPTu penetration performed in 2023 (SRK 2024).

Using a combination of bathymetry surfaces provided by Orano, and cone penetration test (CPT) data obtained in 2023, SRK developed a sampling plan that consisted of:

- Sampling at intervals of every 1.5 m within the expected freshly deposited Cigar Lake tailings;
- Sampling at every 3 m for “older” (the presumed finer) Cigar Lake tailings; and
- Performing an SPT at the estimated JEB/SUE – Cigar Lake tailings contact (as discussed in Section 2.4.2). If the JEB/SUE contact was not identified with the initial SPT, an additional split spoon was pushed at a depth determined by the field engineer. After confirming that drilling had advanced into JEB/SUE tailings, a single GUS piston sample was collected approximately 1.5 m below the final SPT.

2.5.2 Validation of Hydraulic Conductivity Around Pit Perimeter

The final three locations (TMF24-17, TMF24-18, and TMF24-19) were positioned near the JEB Pit walls with the intention of collecting samples that may be used to validate the hydraulic conductivity of the tailings at the pit edges. Sampling was conducted approximately every 4.5 m unless a material or density/stiffness changes were observed. The final sample depth was set to be at least 3 m above the estimated pit shell. The JEB Pit shell elevation was obtained from a mesh previously provided by Orano that has been implemented into SRK’s geological model of the TMF.

3 Results

A total of 11 geotechnical locations were drilled and sampled during the 2024 TOVP. Table 1 summarizes the locations and the number of samples collected at each site. Figure 4 shows the as-built locations of each drillhole in relation to the pit perimeter. Appendix B provides a detailed list of collected samples.

Table 1: Drilling Locations Summary

Location ID ¹	X (m) ²	Y (m) ²	Tailings Elevation (m) ^{2,3}	Total Depth into Tailings (m) ⁴	Number of Geotechnical Samples
TMF24-04	5352.65	11232.87	435.03	10.45	4
TMF24-07	5385.27	11252.60	433.30	14.32	9
TMF24-09	5328.58	11310.52	435.74	20.46	5
TMF24-10	5345.24	11289.18	435.00	14.42	6
TMF24-11	5356.87	11278.61	435.63	14.34	6
TMF24-12	5370.45	11262.03	435.20	10.10	6
TMF24-13	5390.57	11234.26	432.80	16.52	8
TMF24-14	5363.23	11251.91	435.40	14.72	7
TMF24-17	5251.02	11305.90	434.30	11.92	3
TMF24-18	5372.61	11115.76	433.70	22.82	5
TMF24-19	5181.65	11188.53	432.60	20.72	6

Notes:

- ¹ Except for TMF24-18, the drill hole locations labelled TMF24-XX in this document are identical to the previously proposed TMF23-XX drill holes (SRK 2023). The location of TMF24-18 was slightly adjusted for this program.
- ² Coordinates measured using the Trimble TSC7 Data Collector and R12 Rover head. Coordinates are in the mine's local system.
- ³ Elevation of the barge deck measured through point collection using the Trimble TSC7 Data Collector and R12 Rover head. The distance to the tailings (depth of water) was measured using a weighted tape reel and then subtracted from the barge deck elevation.
- ⁴ Total depth into tailings refers to the total drilled depth below the surface of the tailings.

Figure 4: 2024 TOVP As-Built Locations

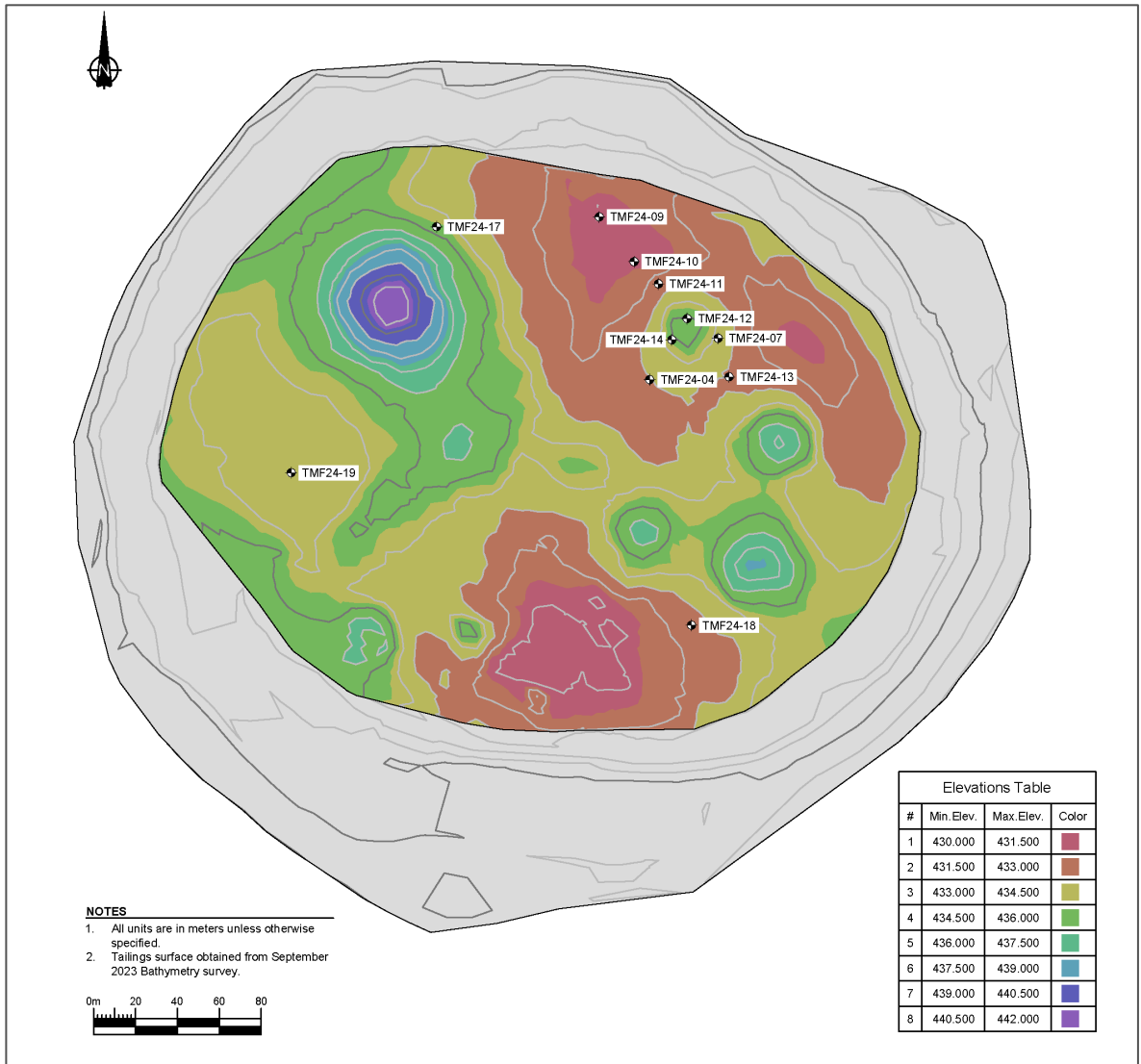


Table 2 provides the barge relocation times between different drilling locations.

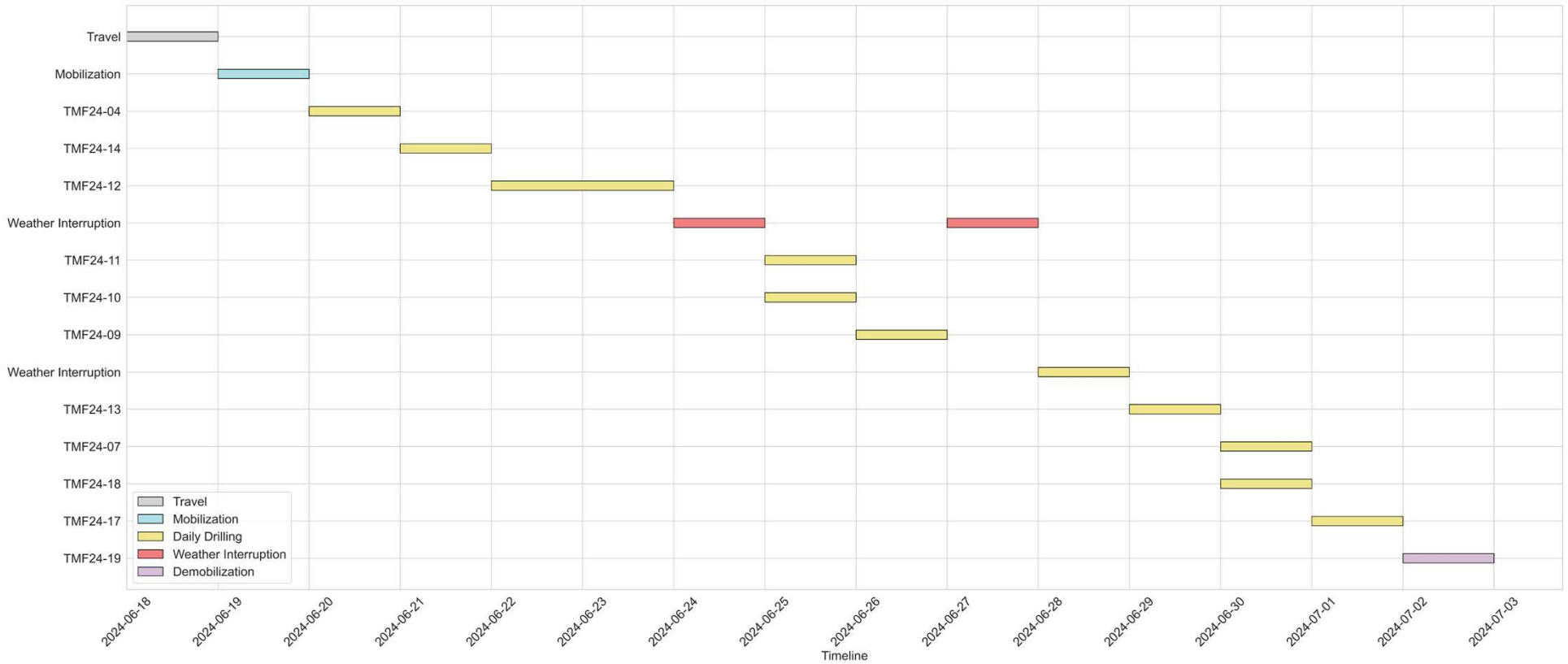
Table 2: Barge Relocation Summary

Location From	Location To	Time Required (hours)
Launching Point	TMF24-04	1.75
TMF24-04	TMF24-14	2.00
TMF24-14	TMF24-12	0.35
TMF24-12	TMF24-11	6.20 ¹
TMF24-11	TMF24-10	1.40
TMF24-10	TMF24-09	1.00
TMF24-09	TMF24-13	3.30
TMF24-13	TMF24-07	1.50
TMF24-07	TMF24-18	1.80
TMF24-18	TMF24-17	1.20
TMF24-17	TMF24-19	1.50
TMF24-19	Launching Point	0.50

Notes:

¹ Strong wind gusts and adverse weather conditions extended the relocation time because the barge could not be stabilized and there were not enough anchors available. The relocation was completed within 3 days.

Figure 5 provides a Gantt Chart with the final timeline of TOVP 2024.



4 Discussion

4.1 Barge Relocation

While relocating the barge, the primary challenge was maintaining its position against wind gusts. At the beginning of the program there were 9 Claw/Bruce 33-lb (15.0 kg) anchors deployed as necessary during the relocation and fixation of the barge. During extremely windy conditions (wind gusts > 35 km/h), the anchors alone were not sufficient to prevent barge movements. Where feasible, the barge was secured to the closest anchor block stationed around the pit perimeter to mitigate movements associated with windy conditions. However, this strategy was not possible everywhere, specifically in locations closer to the centre of the pit where rope-line could not reach the pit perimeter.

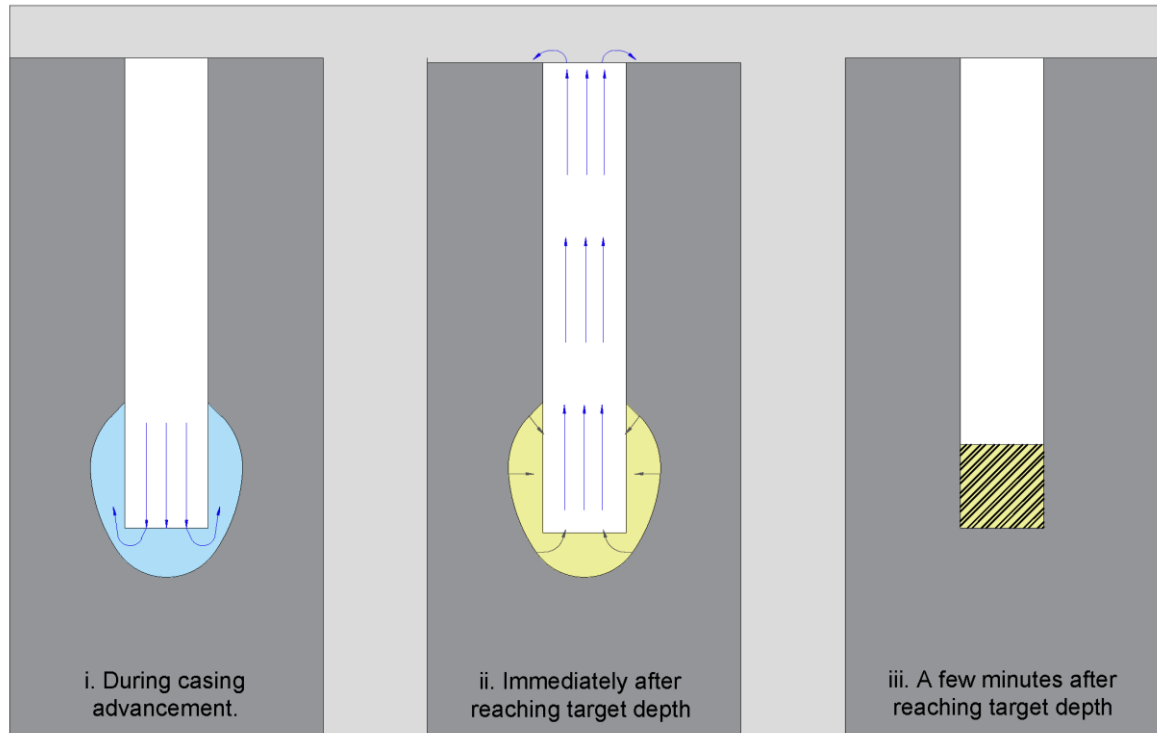
To combat the wind gusts and make drilling in locations near the centre of the pit feasible, SRK procured, on behalf of Orano, ten additional Claw/Bruce 33-lb (15.0 kg) anchors from Pally Performance Products, each with 45.7 m of 0.011 m braided rope and 2.4 m of galvanized chain attached. Despite ordering ten anchors, only five had arrived before the program was concluded. The five additional anchors improved the barge's stability during windy conditions. More details on anchor acquisition and securing of the barge during wind gusts can be found in Appendix C (Daily Report 006, Daily Report 007 and Daily Report 009).

4.2 Borehole Instability

During the 2024 TOVP program, an issue with borehole instability (sloughing) occurred at TMF24-12, located below the deposition cone. Slough refers to material that enters the steel casing after the drill head is retracted and prevents the sampler from reaching its intended depth. When slough prevented the sampler from reaching the target depth, multiple attempts were required to "clean" or "flush" the borehole casing down to the fully cased (target) depth.

SRK hypothesizes that the slough inside the casing is caused by the collapse of the tailings around the casing after the water pressure used to advance the casing is turned off. Figure 6 provides a schematic illustrating the phenomenon (SRK 2024).

Figure 6: Sloughing Illustration



Sources: SRK (2024).

Figure 6 shows how the water pressure from the drill rig creates a small zone of displacement around the base of the borehole while advancing the casing. Immediately after reaching the target depth and stopping the jet of water from the base of the borehole used during drilling, the tailings collapse around the casing and enter at the base. This collapse of tailings around the casing creates a "jet" of water that is observed at the surface. A few minutes after drilling stops, the tailings fully collapse around the casing, and "slough" accumulates inside the base of the casing.

During drilling at TMF24-12, several attempts were made to wash out the casing, including a tremie method utilising AWJ rods. A water-bentonite drilling mud was also mixed in an attempt to keep the slough out. However, all attempts were unsuccessful, and as a result not all targeted samples could be collected. More details on the field circumstances are provided in Daily Report 004 and Daily Report 005 (Appendix C). Aside from location TMF24-12, no significant sloughing issues were met during TOVP 2024.

5 Conclusion and Recommendations

5.1 2024 TOVP Program

The 2024 TOVP at the McClean Lake Operations successfully achieved its primary objective of completing the remaining geotechnical locations from the 2023 TOVP, which were left unfinished due to insufficient time caused by borehole instability. Conducted between June 18 and July 2, 2024, the program included a total of 11 geotechnical locations, all of which were successfully executed. Despite weather challenges affecting barge relocation and borehole instability at one location, the program managed to collect the necessary geotechnical samples and complete all planned drilling activities.

5.2 Recommendations for Future TOVP(s)

5.2.1 Alternative Drilling Method

To enhance drilling efficiency, SRK recommends the use of Sonic drilling as was mentioned in the TOVP 2023 Factual Report (SRK 2024). Below are the advantages and disadvantages of employing a sonic method:

■ **Advantages of Sonic Drilling:**

- It is expected that the sloughing issues encountered in 2023, and to a lesser extent in 2024, will be partially mitigated by this alternative drilling method.
- Sonic drilling can be implemented with Piston sampling through the Cigar Lake tailings, and the sonic core barrel collection can be used as the "samples" for the JEB/SUE tailings. Samples would be retained in solid acrylic liners for visual inspection.
- This approach eliminates the need to run a sampler down the hole after drilling to the target depth to collect geochemical samples, which is currently a very time-consuming part of the drilling process.
- The recovery with the sonic core barrel is expected to be sufficient, addressing the current sample recovery issues. Recovery can be further improved by using a specialized core catcher.
- Drilling can be performed without fluids, reducing the risk of sample contamination during the drilling process.

■ **Disadvantages of Sonic Drilling:**

- A different, larger, barge may be required for a sonic rig.
- Sonic rigs are more expensive, although the efficiencies gained during drilling may offset the higher costs.
- The vibration of the sonic head may cause localized disturbance of the samples, potentially suggesting a more consolidated material. Collecting "undisturbed" samples may be more challenging.

- The methodology has not been tested at the JEB Pit TMF, and there may be a “learning” period to make the method efficient.

5.2.2 Barge Operations

Aside from windy conditions, the TOVP 2024 campaign did not face any issues with barge operations. Nevertheless, to enhance safety practices additional suggestions may include:

- Ensuring that drinking fluids (water and electrolytes) are double-bagged or provided with an extra layer of protection against contact with contaminated materials before they are unsealed.
- Providing additional wipes and water for cleaning hands and faces, securely bagged to prevent contact with contaminants.
- Installing a shade to protect workers from direct sun exposure.
- A pre-site inspection should be performed prior to beginning the program to ensure that all tools and equipment on the barge's deck are present and in good working order.

Closure

This report, TOVP 2024 – Factual Report, was prepared by

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Anton Novikov, EIT
Staff Consultant

and reviewed by

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Adam Leik, MSc., EIT
Consultant

Erik Ketilson, MEng., P.Eng.
Principal Consultant & Practice Leader

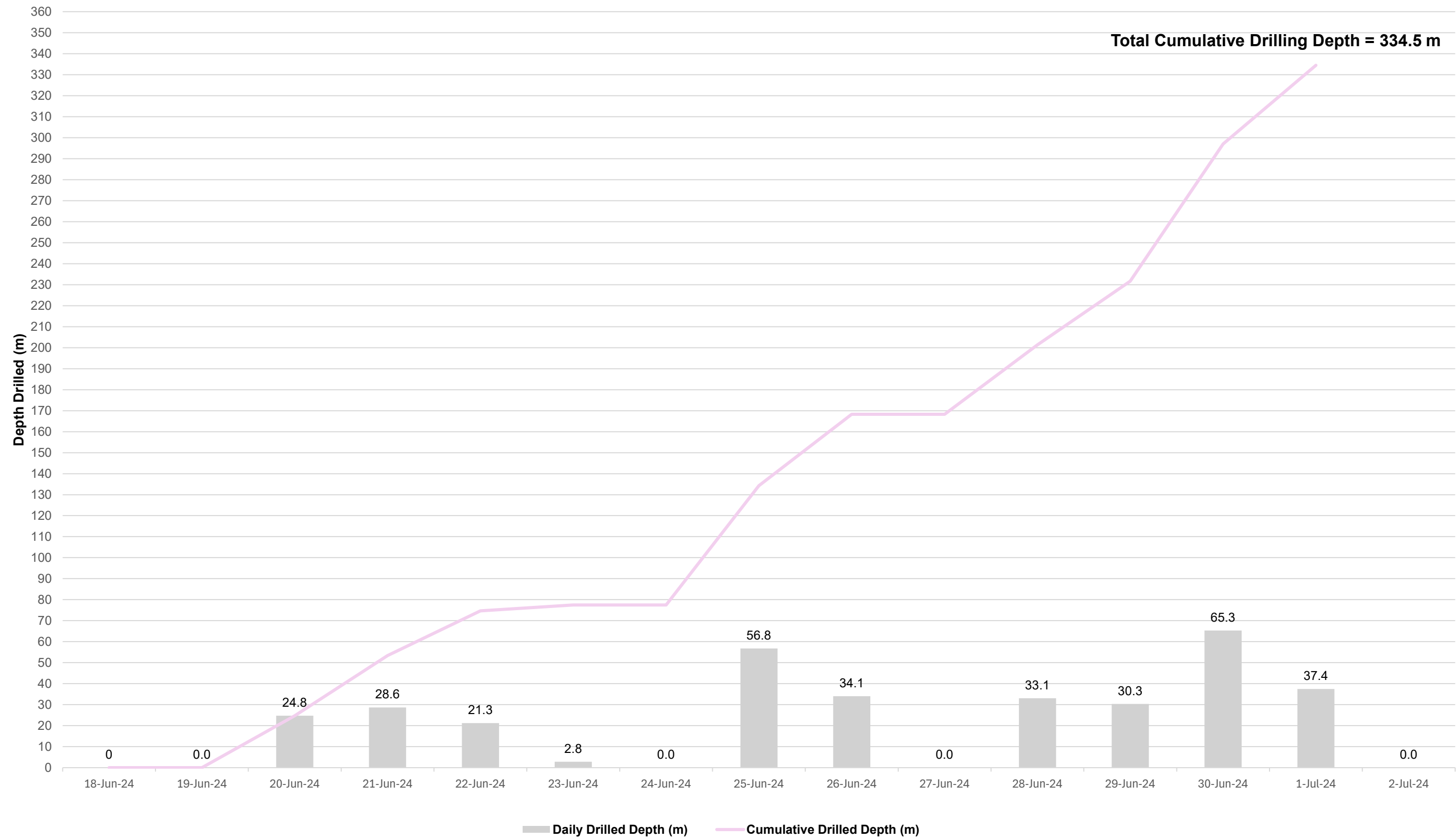
All data used as source material plus the text, tables, figures, and attachments of this document have been reviewed and prepared in accordance with generally accepted professional engineering and environmental practices.

References

SRK 2023. 2023 TOVP Recommendations. Project No. CAPR002063. Provided to Orano February 14, 2023.

SRK 2024. TOVP 2023 – Factual Report. Revision 01. Project No. CAPR002676. Provided to Orano Canada Inc. July 29th, 2024.

Appendix A Daily Drilling Progress Summary



Notes:

- On June 24th and June 25th, the drilling was impacted by the weather conditions.
- On June 18th, June 19th and July 2nd, no drilling due to travelling and mobilization/demobilization activities.

 Job No: CAPR003271	 McClean Lake TOVP 2024 Geotechnical Drilling Supervision	TOVP 2024 – Factual Report		
		Daily Drilling Progress Overview		
		Date: August 2024	Approved: AN	Appendix: A

Appendix B Collected Samples Summary

Table 1: TMF24-04 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-04-SA01	431.50	3.50	97
TMF24-04-SA02	430.90	4.10	89
TMF24-04-SA03	428.20	6.80	97
TMF24-04-SA04	425.20	9.80	99

Table 2: TMF24-07 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-07-SA01	433.00	0.30	84
TMF24-07-SA02	431.50	1.80	96
TMF24-07-SA03	430.00	3.30	96
TMF24-07-SA04	428.50	4.80	96
TMF24-07-SA05A	427.00	6.30	70
TMF24-07-SA05B	426.40	6.90	96
TMF24-07-SA06	425.00	8.30	98
TMF24-07-SA07	422.00	11.30	97
TMF24-07-SA08	419.60	13.70	99

Table 3: TMF24-09 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-09-SA01	430.00	5.70	96
TMF24-09-SA02	428.50	7.20	97
TMF24-09-SA03	425.00	10.70	97
TMF24-09-SA04	422.00	13.70	100
TMF24-09-SA05	415.90	19.80	100

Table 4: TMF24-10 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-10-SA01	431.00	4.00	97
TMF24-10-SA02	429.50	5.50	97
TMF24-10-SA03	428.00	7.00	99
TMF24-10-SA04	426.50	8.50	97
TMF24-10-SA05	424.50	10.50	99
TMF24-10-SA06	421.20	13.80	97

Table 5: TMF24-11 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-11-SA01	432.00	3.60	85
TMF24-11-SA02	430.50	5.10	97
TMF24-11-SA03	429.00	6.60	97
TMF24-11-SA04	427.50	8.10	97
TMF24-11-SA05	425.90	9.70	99
TMF24-11-SA06	421.90	13.70	98

Table 6: TMF24-12 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-12-SA01	434.10	1.10	81
TMF24-12-SA02	433.20	2.00	99
TMF24-12-SA03	431.70	3.50	91
TMF24-12-SA04	430.20	5.00	96
TMF24-12-SA05	428.70	6.50	79
TMF24-12-SA06	425.70	9.50	93

Table 7: TMF24-13 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-13-SA01	432.00	0.80	93
TMF24-13-SA02	429.90	2.90	91
TMF24-13-SA03	429.00	3.80	96
TMF24-13-SA04	427.50	5.30	97
TMF24-13-SA05	426.00	6.80	97
TMF24-13-SA06	423.00	9.80	97
TMF24-13-SA07	420.00	12.80	93
TMF24-13-SA08	416.90	15.90	86

Table 8: TMF24-14 Samples

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-14-SA01A	434.00	1.40	67
TMF24-14-SA01B	433.40	2.00	95
TMF24-14-SA02	432.50	2.90	84
TMF24-14-SA03	431.00	4.40	89
TMF24-14-SA04	429.50	5.90	89
TMF24-14-SA05	425.40	10.00	99
TMF24-14-SA06	421.30	14.10	89

Table 9: TMF24-17

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-17-SA01	432.00	2.30	97
TMF24-17-SA02	427.50	6.80	96
TMF24-17-SA03	423.00	11.30	99

Table 10: TMF24-18

























Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-18-SA01	430.00	3.70	97
TMF24-18-SA02	425.50	8.20	97
TMF24-18-SA03	421.00	12.70	100
TMF24-18-SA04	416.00	17.70	100
TMF24-18-SA05	411.50	22.20	100

Table 11: TMF24-19

Sample ID	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)
TMF24-19-SA01	432.00	0.60	97
TMF24-19-SA02	427.50	5.10	100
TMF24-19-SA03	423.00	9.60	100
TMF24-19-SA04	418.50	14.10	100
TMF24-19-SA05	417.00	15.60	100
TMF24-19-SA06	412.50	20.10	100

Appendix C Field Daily Reports

SRK Daily Report 001 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 19, 2024	Project Number:	CAPR003271																						
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes																				
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast Afternoon: Overcast, light rain Wind: 8-10 km/hr with gusts of 19 km/hr Min : 4 °C Max : 13 °C Comment: -	Four Day Outlook:																				
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach			<table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Thu 20 Jun</th> <th>Fri 21 Jun</th> <th>Sat 22 Jun</th> <th>Sun 23 Jun</th> </tr> </thead> <tbody> <tr> <td> 20°C</td> <td> 25°C</td> <td> 26°C</td> <td> 25°C</td> </tr> <tr> <td>Clearing</td> <td>Sunny</td> <td>Sunny</td> <td>A mix of sun and cloud</td> </tr> <tr> <td> 9°C</td> <td> 10°C</td> <td> 8°C</td> <td> 10°C</td> </tr> <tr> <td>A few clouds</td> <td>Clear</td> <td>Clear</td> <td>70% Chance of showers</td> </tr> </tbody> </table>		Thu 20 Jun	Fri 21 Jun	Sat 22 Jun	Sun 23 Jun	 20°C	 25°C	 26°C	 25°C	Clearing	Sunny	Sunny	A mix of sun and cloud	 9°C	 10°C	 8°C	 10°C	A few clouds	Clear	Clear	70% Chance of showers
Thu 20 Jun	Fri 21 Jun	Sat 22 Jun	Sun 23 Jun																						
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Clearing	Sunny	Sunny	A mix of sun and cloud																						
 9°C	 10°C	 8°C	 10°C																						
A few clouds	Clear	Clear	70% Chance of showers																						

SAFETY

Safety Meetings:	Summary:
6:30 AM to 7:30 AM – Orano Site Orientation (Dmitri)	<ul style="list-style-type: none"> ■ Conducted discussions and completed paperwork regarding radiation safety, site transportation, changing site conditions, site emergencies, and camp safety.
6:55 AM to 7:30 AM – Orano 2024 TOVP Safety Meeting (Anton)	<ul style="list-style-type: none"> ■ Conducted discussions on each step of the TOVP 2024 process and associated safety procedures, covering drilling safety, handling hazardous and radioactive materials, necessary PPE, working on the barge, and operating near equipment.
7:30 AM -8:00 AM – SRK Safety Meeting (Anton & Dmitri)	<ul style="list-style-type: none"> ■ Reviewed site conditions and the safety program for TOVP 2024 from the previous meetings. Anton and Dmitri also discussed the day's plan and additional safety protocols regarding contamination and cleaning.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ SRK staff arrived on site yesterday, June 18th, at 19:10, and had a brief check-in with Kebbi Hughes from Orano. ■ On June 19th, between 06:30 and 08:00, Anton and Dmitri completed the required safety training and site orientation.
--

- From 08:00 to 10:30, Anton and Dmitri were provided with appropriate PPE, then loaded three boat motors, fuel lines, a fuel tank, GPS equipment, and drilling supplies, and transported them to the TMF.
- Between 10:30 and 11:00, Anton and Dmitri were escorted to the Mill to obtain locker information and supplies.
- From 11:00 to 12:00, Anton and Dmitri inspected the barge for water and assisted with loading the drill onto the barge.
- From 13:30 to 14:30, Anton and Dmitri, together with Paddock Drilling, removed the silt curtain blocking the barge from launching into the TMF.
- Between 14:30 and 15:30, Anton and Dmitri helped with preparations for the launching of the barge.
- From 15:30 to 17:00, the barge was launched and positioned within a 3 m radius of TMF23-04.
- Between 17:00 and 17:45, Anton, Dmitri, and Paddock Drilling left the barge and organized tools for the next day's drilling.
- Figure 1 summarizes today's drilling activities. Figure 2 presents an overview of the site during the workday and at its conclusion. Figures 3 through 6 display photographs capturing the daily activities.
- **Drill Model:** B-48 Mobile Drill
- **Water elevation:** 449.225 masl
- The new stainless steel **Shelby tubes**, brought by Paddock Drilling, have dimensions of 76 cm in length, 7.3 cm in diameter, and a wall thickness of 1 mm. The remaining tubes (with the same dimensions) are from TOVP 2023 and will be cleaned and reused once all the new tubes have been utilized (Figure 4, Photo 6).

Plan for tomorrow:

- Drill and sample TMF24-04
- Move barge to TMF24-14
- Drill and sample TMF24-14

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
15:15	Launching Point	TMF24-04	1.75	-

Daily Drilling Progress

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

Daily Sampling Progress

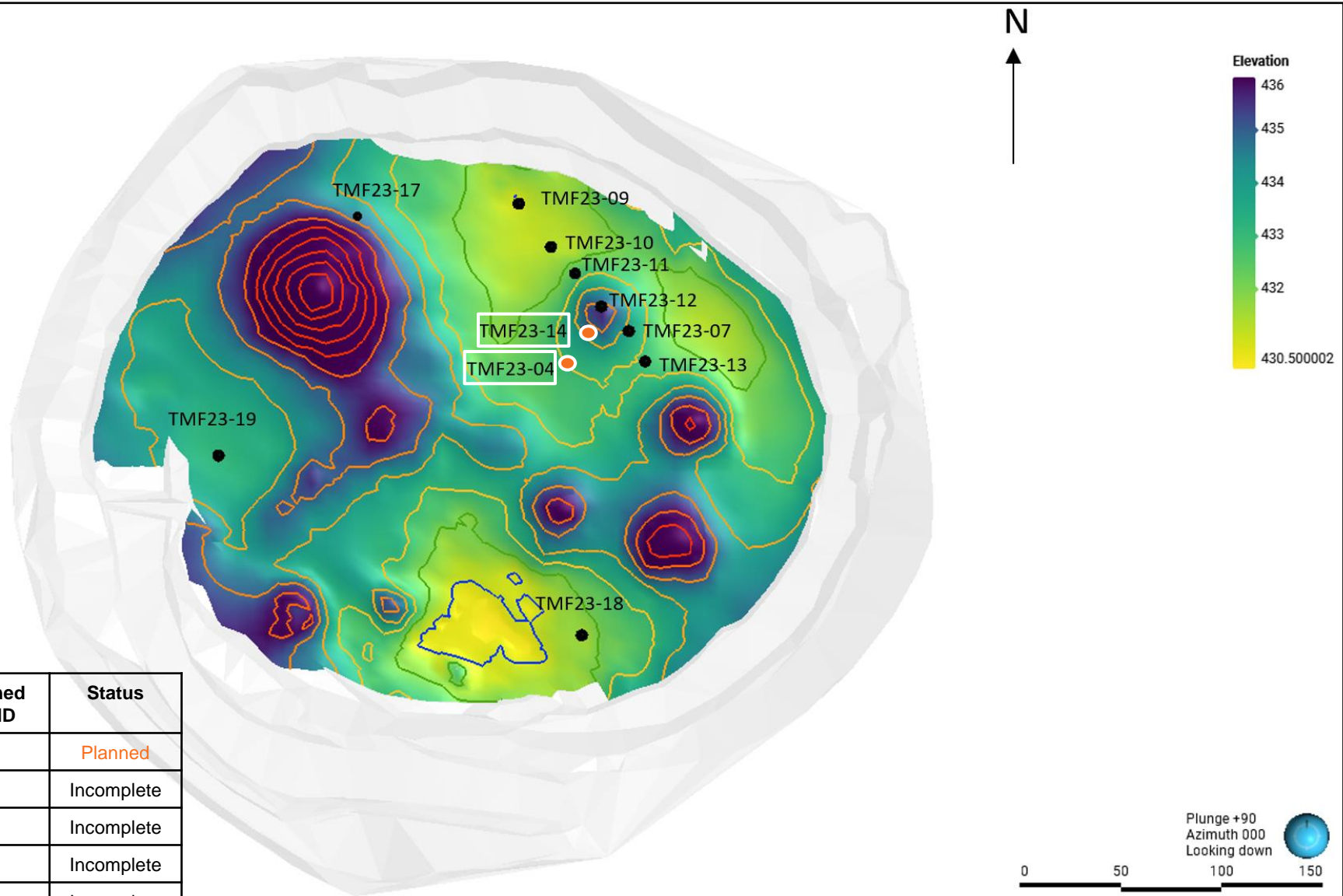
Location ID	Sample Name	Sample Type	Sample Elevation (masl)	Depth into Tailings (m)	Recovery (%)	Comment
N/A						

Tentative Program Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
20/06/2024	TMF23-14	Segregation Analysis

Legend:

Purple = Planned



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	-	Planned
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Incomplete
TMF23-12	-	Incomplete
TMF23-13	-	Incomplete
TMF23-14	-	Planned
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 19, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 19, 2024	Approved: AN	Figure: 2



Photo 3: Preparation of the barge for drill loading.



Photo 4: Alignment of the drill on the barge after loading.

		TOVP 2024 Geotechnical Drilling		
		Barge Preparation		
Job No: CAPR003271	McClellan Lake	Date: June 19, 2024	Approved: AN	Figure: 3



Photo 5: Drilling mud



Photo 6: Old Shelby tubes from TOVP 2023. They will be cleaned and reused after the new set of 62 tubes, provided by Paddock Drilling Ltd., have been utilized.

		TOVP 2024 Geotechnical Drilling		
		Materials and Tools		
Job No: CAPR003271	McClellan Lake	Date: June 19, 2024	Approved: AN	Figure: 4

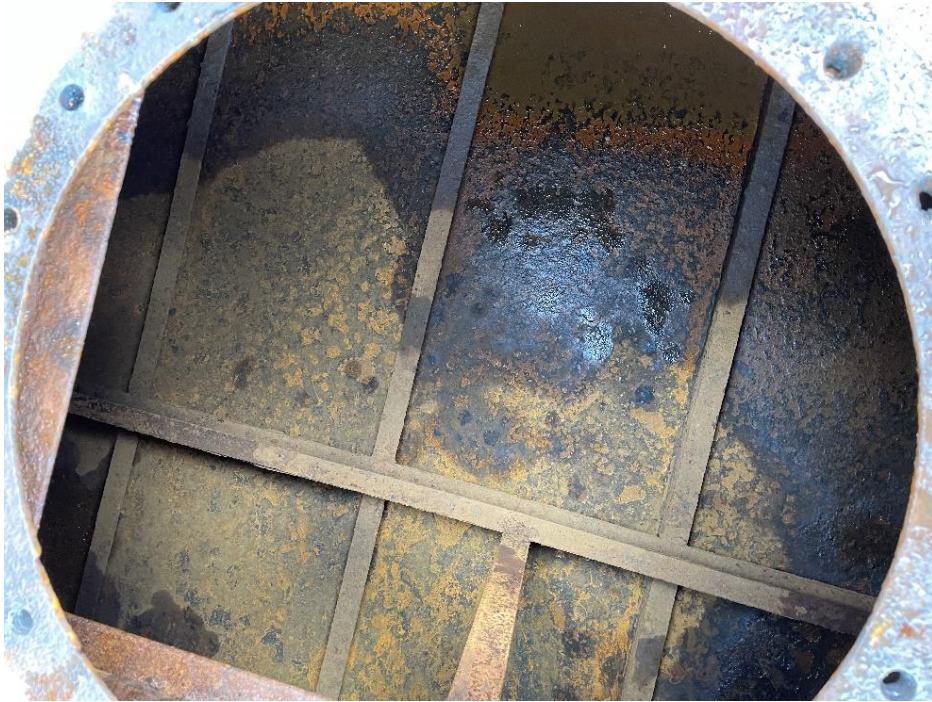


Photo 7: Inspection of the barge internals.



Photo 8: Launched barge and moved yellow silt curtain.

		TOVP 2024 Geotechnical Drilling		
		Barge Inspection and Launching		
Job No: CAPR003271	McClellan Lake	Date: June 19, 2024	Approved: AN	Figure: 5



























Photo 9: Positioning of the drill on the launched barge.



Photo 10: Leaving the barge after positioning over TMF23-04.

		TOVP 2024 Geotechnical Drilling		
		Barge positioned at TMF23-04		
Job No: CAPR003271	McClellan Lake	Date: June 19, 2024	Approved: AN	Figure: 6

SRK Daily Report 002 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 20, 2024		Project Number:	CAPR003271																					
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes																				
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman						Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 0-15 km/hr Min : 2 °C Max : 21 °C Comment: -																		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach			Four Day Outlook: <table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Fri 21 Jun</th> <th>Sat 22 Jun</th> <th>Sun 23 Jun</th> <th>Mon 24 Jun</th> </tr> </thead> <tbody> <tr> <td> 25°C</td> <td> 28°C</td> <td> 27°C</td> <td> 17°C</td> </tr> <tr> <td>Mainly sunny</td> <td>Sunny</td> <td>Sunny</td> <td>A mix of sun and cloud</td> </tr> <tr> <td> 11°C</td> <td> 13°C</td> <td> 10°C</td> <td> 7°C</td> </tr> <tr> <td>A few clouds</td> <td>Clear</td> <td>Cloudy periods</td> <td>Cloudy periods</td> </tr> </tbody> </table>		Fri 21 Jun			Sat 22 Jun	Sun 23 Jun	Mon 24 Jun	 25°C	 28°C	 27°C	 17°C	Mainly sunny	Sunny	Sunny	A mix of sun and cloud	 11°C	 13°C	 10°C	 7°C	A few clouds	Clear
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A few clouds	Clear	Cloudy periods	Cloudy periods																						

SAFETY

Safety Meetings:	Summary:
6:35 AM to 6:50 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA, JHA, and drilling SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<ul style="list-style-type: none"> ■ At 07:20, the crew arrived at the barge located at TMF23-04 (now called TMF24-04). ■ Drilling at TMF24-04 began at 08:00. ■ The daily water elevation was measured and recorded as 449.228 meters above sea level (masl). ■ Bathymetry completed in fall 2023 predicted the elevation of tailings to be 433.0 masl. However, the tailings elevation was measured at 435.0 masl before drilling. It is assumed that some fresher Cigar Lake tailings are above the targeted deposition cone elevation of 433.0 masl, deposited since the last bathymetric survey was completed. The sampling plan was not modified and will continue targeting the depositional cone elevations of 433.0 masl and below. ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh"

tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 11 which provides an example of a cross-section with the surveys mentioned.

- The first sample collection (TMF24-04-SA01) began 1.5 meters below the targeted deposition cone elevation of 433.0 masl.
- The second sample (TMF24-04-SA02) was collected 0.6 meters below TMF24-04-SA01 (instead of the initially planned 1.5 meters) to avoid sampling through the layer of older Cigar Lake tailings.
- The third sample (TMF24-04-SA03) was targeted to be collected in the middle of the “old” Cigar Lake tailings layer. At this location, the layer is estimated to be 3 meters thick (starting at 429.7 masl from 2021 bathymetry) with a predicted sample frequency of 3 meters. In an attempt to collect the most representative sample of the “old” Cigar Lake tailings, the middle of the layer was targeted.
- Upon reaching the predicted contact between the “Old” Cigar Lake tailings and the Jeb/Sue layer, a 2-foot split spoon sampler was pushed into the layer for visual confirmation. The sampler advanced to its full extent with only a “push” from the drill head and did not require hammer action. Upon retrieval, it was found that Jeb/Sue tailings occurred 0.48 meters below the predicted depth from the 2013 bathymetry.
- After identifying the contact with Jeb/Sue, one 5 ft drill rod was pushed into the layer, and a Jeb/Sue sample was obtained.
- **TMF24-04 As-Built Coordinates: 5352.645E, and 11232.866N.** Elevation of the deck of the barge = 449.971 (masl).

Figures:

- Figure 1 provides a summary of the drilling progress in plan view.
- Figure 2 depicts the TMF overview at both the start and end of the day.
- Figures 3 through 8 illustrate the drilling and sampling process.
- Figure 9 displays the Shelby tube storage on site.
- Figure 10 presents a drilling diagram for the TMF24-04 location.
- Figure 11: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.

The collected sample timeline:

- TMF-04-SA01 collected at 09:35,
- TMF-04-SA02 collected at 10:09,
- TMF-04-SA03 collected at 10:51,
- TMF-04-SA04 collected at 12:02.

Additional Remarks/Future Modifications for the Next Location(s):

- If Cigar Lake tailings are encountered above the predicted target cone elevation obtained from the 2023 bathymetry, the first Shelby tube sample will be collected at the planned elevation rather than 1.5 meters below the top of the tailings. This adjustment is to collect tailings that were part of the 2023 investigation for better correlation to the 2023 CPTu results.

- This approach will help to maintain a sampling frequency of 1.5 meters, avoiding the need to reduce the depth between two samples as the drilling gets closer to the older Cigar Lake tailings. This approach attempts to keep Shelby tubes not penetrating “New” and “Old” Cigar tailings layers simultaneously.

Next Location Summary (TMF23-14):

- The barge was moved to TMF23-14 location between 14:20 and 16:20.
- The barge was being stabilized until 16:53.
- The crew left the barge at 17:04.
- No additional samples were collected from this location to avoid leaving the steel in the ground overnight and to allow for the barge to “settle” due to re-occurring minor rotations.
- By 17:36, the Shelby tubes were packaged in the storage bucket, and cleanup was completed. The Shelby tube samples were placed in the bucket with pieces of bubble wrap between them to prevent movement and collision. The bucket was also sealed with bubble wrap at the top and secured with a ratchet strap around the circumference to prevent rain from entering (Figure 9).

Plan for tomorrow:

- Drill and sample at TMF23-14
- Move barge to TMF23-12
- Drill and sample at TMF23-12

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
14:20	TMF24-04	TMF23-14	2.0	Periodic gusts of wind.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-04	08:00	14:20	5.5	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment
TMF24-04	TMF24-04-SA01	431.5	3.5	97.4	The casing advanced under self-weight to the elevation of the sample, no drilling was required. Cigar Lake Sample.
	TMF24-04-SA02	430.9	4.1	89.3	The casing advanced under self-weight to the elevation of the sample, no drilling was required. Cigar Lake Sample.
	TMF24-04-SA03	428.2	6.8	97.4	Casing advanced under self-weight to the elevation of the sample, but with increased resistance. Driller noted an upward rebound in the rods after taking the Shelby sample. Old Cigar Lake Sample.
	TMF24-04-SA04	425.2	9.8	99.0	Casing drilled to the elevation of a sample. Upward rebound from sampling. Jeb/Sue sample.

¹ Sample elevation reported is the top of the Shelby sampler.

² Includes tailings deposition that occurred between the drilling time and the 2023 bathymetry survey.

³ Calculated based on 2 ft (0.61 m) maximum penetration.

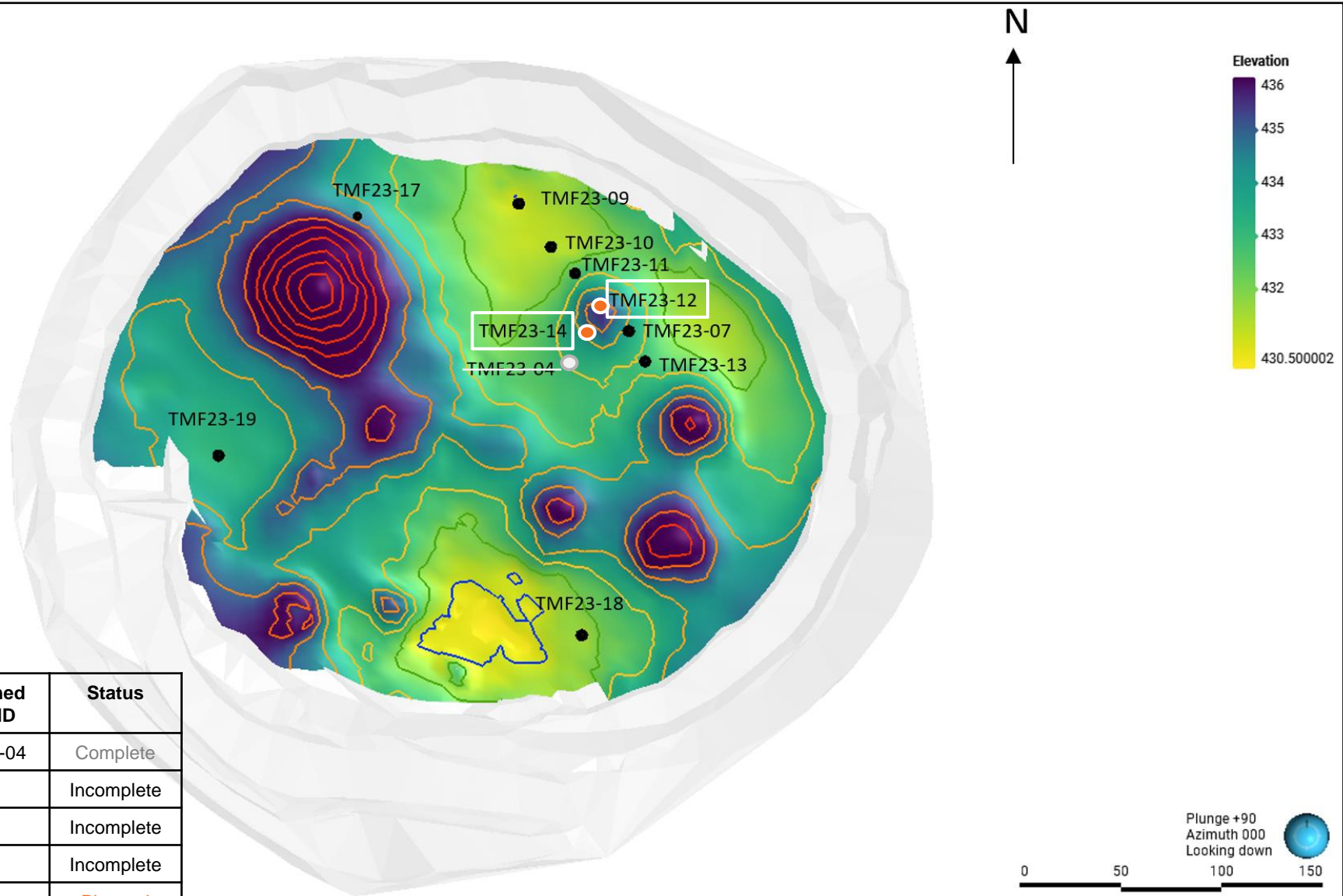
Tentative Updated Daily Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
21/06/2024	TMF23-12	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Incomplete
TMF23-12	-	Planned
TMF23-13	-	Incomplete
TMF23-14	-	Planned
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 20, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 20, 2024	Approved: AN	Figure: 2



Photo 3: Preparation of the drill before lowering casings into TMF24-04.



Photo 4: Paddock drillers lowering casings into TMF24-04.

		TOVP 2024 Geotechnical Drilling		
		Drilling at TMF24-04		
Job No: CAPR003271	McClellan Lake	Date: June 20, 2024	Approved: AN	Figure: 3



Photo 5: TMF24-04-SA01 placing top cap after sealing with wax.



Photo 6: TMF24-04-SA01 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-04-SA01		
Job No: CAPR003271	McClellan Lake	Date: June 20, 2024	Approved: AN	Figure: 4



Photo 7: TMF24-04-SA02 after sealing with wax.



Photo 8: TMF24-04-SA02 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-04-SA02		
		Date: June 20, 2024	Approved: AN	Figure: 5



Photo 9: TMF24-04-SA03 before sealing with wax.



Photo 10: TMF24-04-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-04-SA03		
		Date: June 20, 2024	Approved: AN	Figure: 6



Photo 11: Split spoon sample pushed at expected Jeb/Sue contact. Showing the actual contact (red) 0.49 m below the expected. The contact can be seen by the transition of silty/clayey material into a sandy sand.



Photo 12: Split spoon sample pushed at expected Jeb/Sue boundary.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Split Spoon Sample		
		Date: June 20, 2024	Approved: AN	Figure: 7



Photo 13: TMF24-04-SA04 after collection (pushed after confirming Jeb/Sue contact with split spoon sampler 1.52 m (1 drill rod) below the expected Jeb/Sue contact depth .



Photo 14: Removal of the casing from TMF24-04.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-04-SA04 and Casing Removal		
Job No: CAPR003271	McClellan Lake	Date: June 20, 2024	Approved: AN	Figure: 8



Photo 15: Shelby tubes from TMF24-04 storage (wrapped in bubble wrap to prevent external impact).

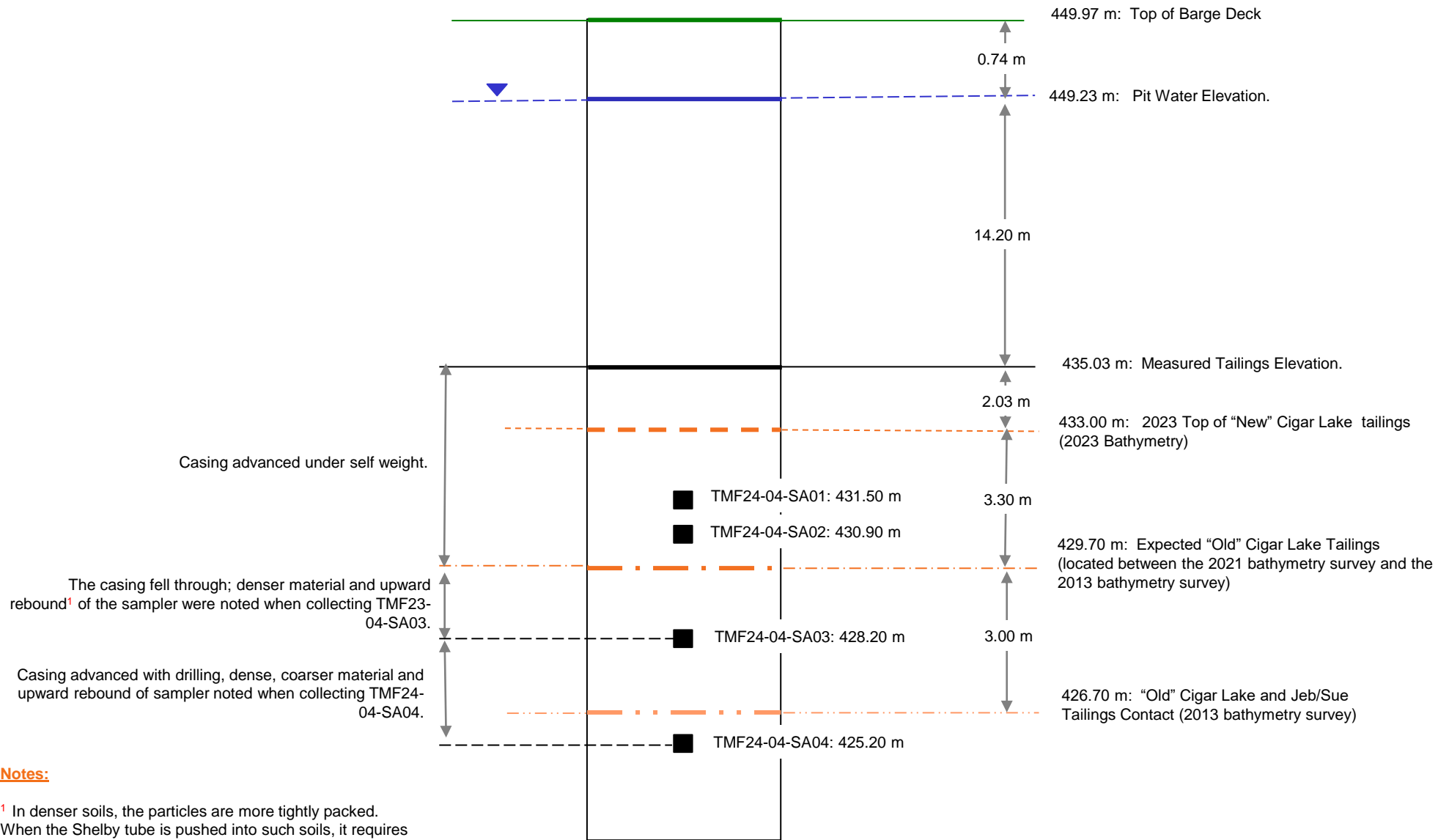


Photo 16: Shelby tubes from TMF24-04 stored in the container with bubble wrap and tarped with bubble rap (secured by ratchet strap) to prevent weather damages.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Storage by the Trailer		
		Date: June 20, 2024	Approved: AN	Figure: 9

NOT TO SCALE

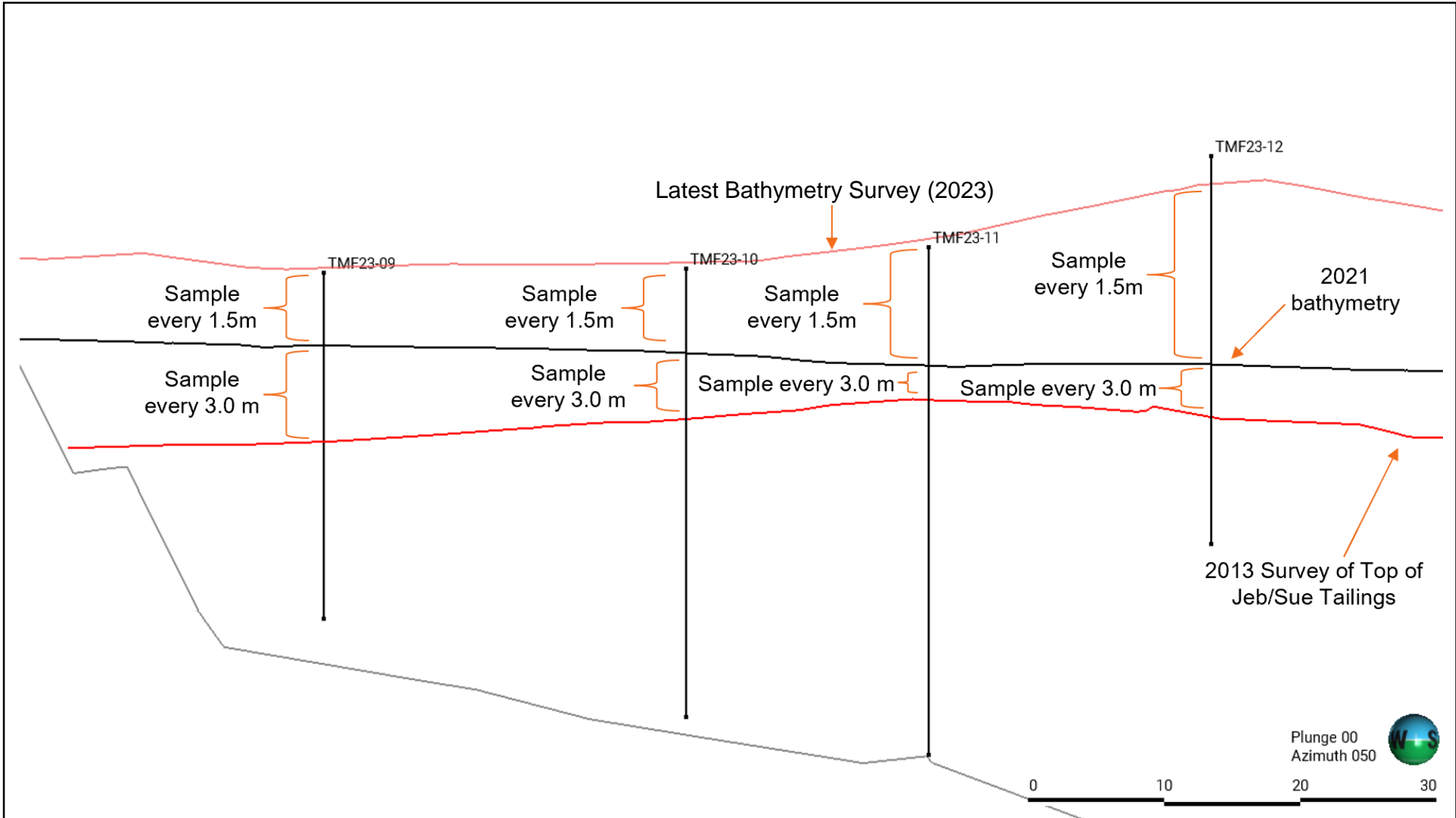
TMF24-04 (Schematic)



Notes:

¹ In denser soils, the particles are more tightly packed. When the Shelby tube is pushed into such soils, it requires more force, and the soil around the tube is highly compressed. Upon release of the pressure, the dense soil may exert a greater reactive force, causing a more pronounced rebound of the rod. Stiff soils, such as clay, resist deformation. When the Shelby tube is pushed into stiff soil, the soil's resistance can store elastic energy. Once the tube is fully inserted and the pressure is released, this stored energy can cause the rod to rebound as the soil attempts to return to its original state.

		TOVP 2024 Geotechnical Drilling		
		TMF24-04 Field Log		
Job No: CAPR003271	McClellan Lake	Date: June 20, 2024	Approved: AN	Figure: 10



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

Job No: CAPR003271









McClellan Lake

Date:
June 20, 2024

Approved:
AN

Figure:
11

SRK Daily Report 003 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 21, 2024		Project Number:	CAPR003271		
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast Afternoon: Sunny / Overcast Wind: 7-12 km/hr (28 km/h gust) Min : 10.3 °C Max : 25.3°C Comment: -		
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach					
				Four Day Outlook:		
				Sat 22 Jun	Sun 23 Jun	Mon 24 Jun
				 26°C 30% Chance of showers	 27°C Sunny	 20°C A mix of sun and cloud
				 18°C Sunny		
				Night  13°C 30% Chance of showers	Night  8°C Cloudy periods	Night  7°C Cloudy periods
				 10°C Cloudy periods		

SAFETY

Safety Meetings:	Summary:
6:42 AM to 6:50 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the JEB/SUE tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 14 that provides an example of a cross-sections with surveys mentioned. ■ At 07:05, SRK and Paddock departed for the barge. ■ By 07:25, due to gusting winds during the night, additional adjustments were necessary to keep the barge within a 3-meter radius of the TMF23-14 location. The barge was adjusted with anchors until it was brought within the 3-meter radius of the proposed location.
--

- **TMF24-14 As Built Coordinates: 5363.229E, and 11251.909N**, Elevation of the deck of the barge = 449.938 (masl)
- Bathymetry completed 2023 predicted the elevation of tailings to be 434.9 masl. However, the tailings elevation was measured at 435.4 masl before drilling. It is assumed that some fresher Cigar Lake tailings are above the targeted deposition cone elevation of 435.4 masl, deposited since the last bathymetric survey was completed. The sampling plan was not modified and will continue targeting the depositional cone elevations of 434.9 masl and below.
- The **daily water elevation** was measured and recorded as **449.251 meters above sea level (masl)**.
- At 16:15, gusting winds and very cloudy skies with approaching rain caused the barge to sway.
- Drilling was completed at 16:25, including the removal of the casing from the ground.
- Due to the continuous strong wind, maintenance was conducted on the drill's clamp and wire, as it was unable to move at that time.
- The crew departed the barge at approximately 17:10.

Sampling Timeline:

- TMF24-14-SA01A sampled at 08:13,
- TMF24-14-SA01B sampled at 08:23,
- TMF24-14-SA02 sampled at 08:35,
- TMF24-14-SA03 sampled at 09:13,
- TMF24-14-SA04 sampled at 09:55,
- TMF24-14-SA05 sampled at 14:37,
- TMF24-14-SA06 sampled at 16:00.

Sampling Notes:

- When drilling from TMF24-14-SA04 to TMF24-14-SA05, sloughing occurred approximately 0.3 meters above the bottom of the casing elevation. The Shelby sampler was able to push through the slough and attempted to take a sample. However, there was no recovery as the sampler did not extend possibly due to sandy material stuck in the piston. The sampler was then disassembled and cleaned, while an attempt was made to wash out the hole. A second sampling attempt at the same elevation was made. However, after placing the sampler into the hole, it went deeper than the intended elevation. The sampler was brought back to the correct elevation to test if the material was very soft or loose, and the Shelby tube sank in. Despite this, the Shelby tube attempt resulted in no recovery, even though the piston extended this time. Consequently, the hole was advanced to the next sample location, and the casing was washed out again in the process.
- When the casing elevation reached the next target depth of 79 feet 10 inches (24.3 meters), which was expected to be the middle of the "Old" Cigar Lake tailings at 425.6 masl, it was found that slough was still stuck in the casing as the tape measure and Shelby sampler could not reach the elevation where this issue had previously occurred. The casing was then raised by one drill rod and drilled downward slowly to flush the hole. This process was repeated three consecutive times, successfully cleaning out the casing to the final sample depth of 425.4 masl.
- Once TMF24-14-SA05 was completed, drilling continued to the expected contact between the "Old" Cigar Lake and Jeb/Sue tailings, as determined from the 2013 bathymetry survey. A 2-foot SPT sampler was then lowered to obtain a sample for visual confirmation of the Jeb/Sue layer. An attempt was also made to conduct an

SPT test while counting the number of blows. However, when the hammer was placed at the top (without any blows), the entire set of rods fell down the hole due to the presence of loose or very soft material. The top of the rod set, which was lowering the SPT sampler, got caught by the casing and was pulled back up. Despite this, the SPT sample was collected, and the Jeb/Sue tailings contact was confirmed approximately 0.15 meters below the predicted depth.

- The last Jeb/Sue sample was initially be planned to grab one drill rode (5-ft) below the predicted contact 91'1" (27.8 m) below the deck of the barge. However, it was slightly over-drilled to 425.4 masl or 94' below deck elevation.
- The final Jeb/Sue sample was initially planned to be taken one drill rod (5 feet) below the predicted contact at 91'1" (27.8 meters) below the deck of the barge. However, it was slightly over-drilled to 425.4 (masl) or 94' below deck elevation.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figures 3 to 9 and Figure 11: Present an overview of the sampling activities.
- Figure 10: Shows an overview of the SPT sampling.
- Figure 13: Displays a photo of the location where Shelby tubes are stored and the barge location.
- Figure 14: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 15: Illustrates a drilling schematic of TMF24-14.

Plan for tomorrow:

- Move barge to at TMF23-12
- Drill and sample at TMF23-12

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) ¹	Duration (Hours) ²	Status	Comment
TMF24-14	07:40	16:24	7.0	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading / unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment
TMF24-14	TMF24-14-SA01A	434.0	1.4	66.6	Appears as generally fines with some traces of sand on the sides of the tubes. Dark brown ("New Cigar").
	TMF24-14-SA01B ⁴	433.4	2.0	95.0	
	TMF24-14-SA02	432.5	2.9	84.4	
	TMF24-14-SA03	431.0	4.4	89.3	
	TMF24-14-SA04	429.5	5.9	89.3	Appears as generally fines with some traces of sand on the sides of the tubes. Brown to grey ("New Cigar").
	TMF24-14-SA05	425.4	9.8	99.0	Dark brown to dark grey, generally fines with some sand on the sides of the tubes. Low plasticity and hard ("Old Cigar")
	TMF24-14-SA06	421.3	14.1	89.3	Grey to brown, hard sandy material. Heavy tubes (Jeb/Sue).

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴A repeating consequent sample was obtained due to low recovery of the sample above.

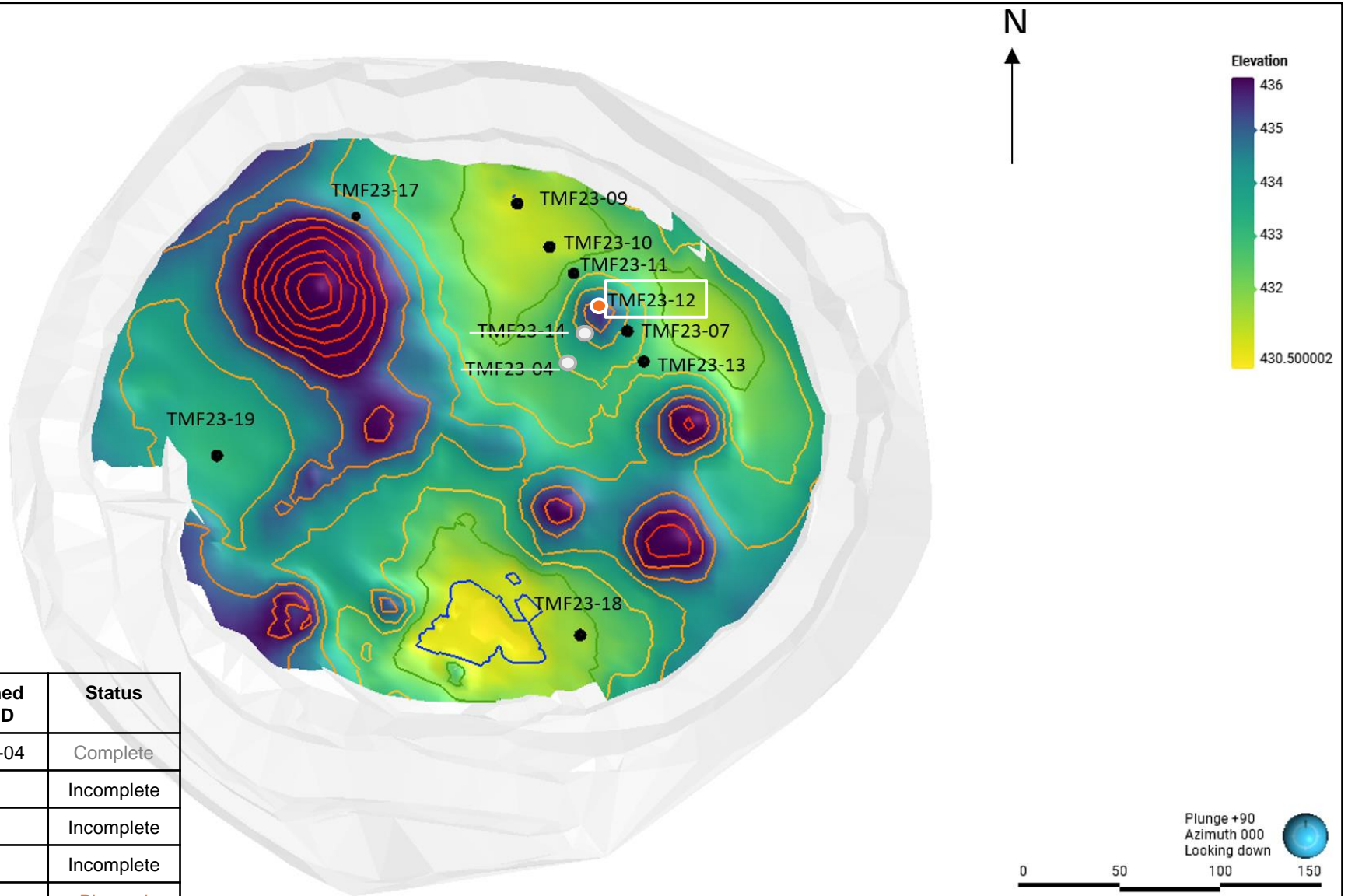
Tentative Updated Daily Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Incomplete
TMF23-12	-	Planned
TMF23-13	-	Incomplete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 21, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 2



Photo 3: Drilling set-up for TMF24-14.



Photo 2: Pushing the first Shelby tube (TMF24-14-SA01A).

		TOVP 2024 Geotechnical Drilling		
		Initial Drilling		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 3



Photo 5: TMF24-14-SA01A prior to sealing with wax.



Photo 6: TMF24-14-SA01A after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA01A		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 4



Photo 7: TMF24-14-SA01B prior to sealing with wax.



Photo 8: TMF24-14-SA01B after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA01B		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 5

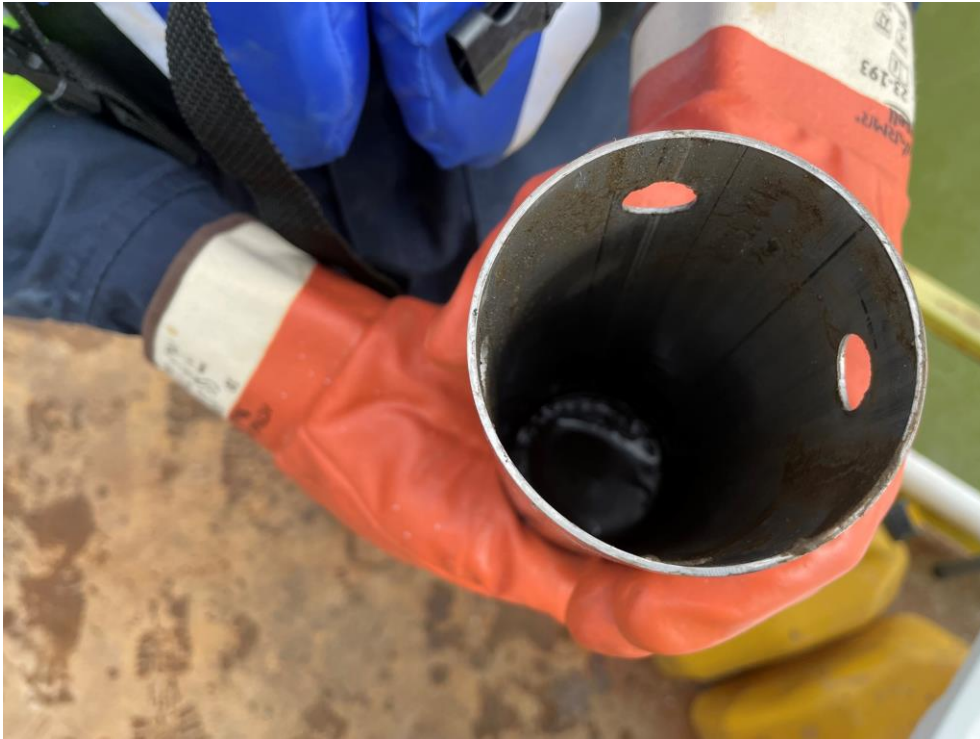


Photo 9: TMF24-14-SA02 before sealing with wax.



Photo 10: TMF24-14-SA02 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA02		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 6



Photo 11: TMF24-14-SA03 prior to sealing with wax..



Photo 12: TMF24-14-SA03 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA03		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 7



Photo 13: TMF24-14-SA04 prior to sealing with wax.



Photo 14: TMF24-14-SA04 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA04		
		Date: June 21, 2024	Approved: AN	Figure: 8



Photo 15: TMF24-14-SA05 prior to sealing with wax.



Photo 16: TMF24-14-SA05 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA05		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 9



Photo 17: Two-foot split spoon sampler fully sank (~approximately 0.76 m) after an attempt to place a hammer at the top. No blows were needed.

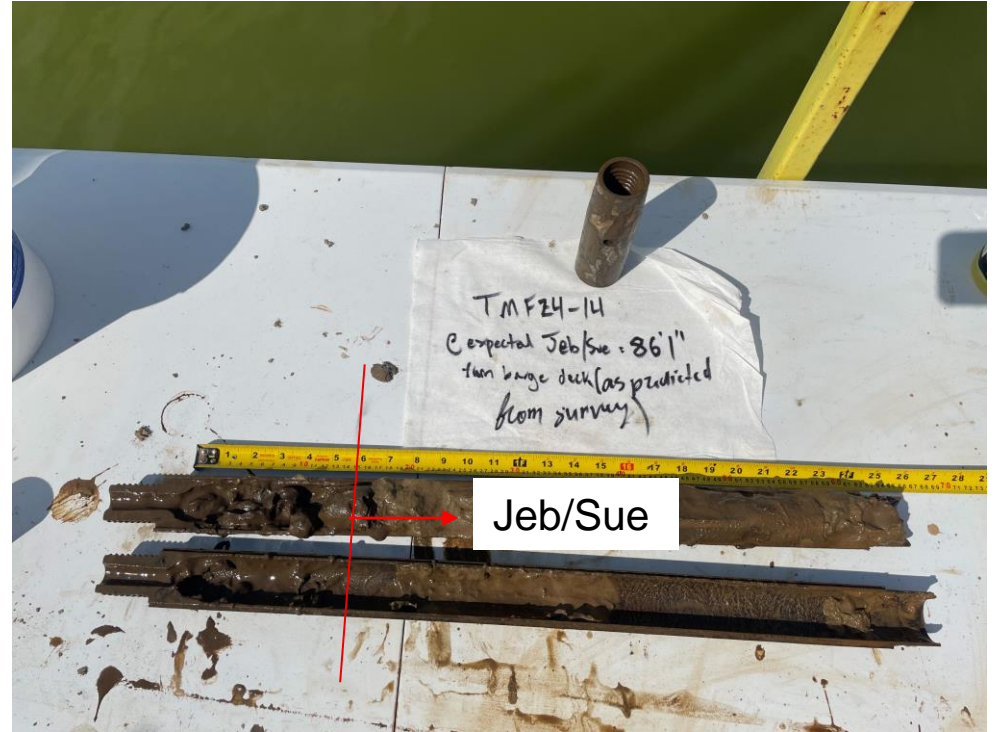


Photo 18: Split spoon sample at expected Jeb/Sue boundary from 2013 bathymetry survey (423.7 masl), showing the found Jeb/Sue boundary 15 cm lower.

		TOVP 2024 Geotechnical Drilling		
		Split Spoon Sample		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 10



Photo 19: "Old" Cigar lake tailings (between 2021 and 2013 bathymetry surveys) obtained from 2-ft split spoon sampler.



Photo 20: Jeb/Sue tailings (deposition prior to 2013 bathymetry survey) from 2-ft split spoon sampler.

		TOVP 2024 Geotechnical Drilling		
		Split Spoon Sample		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 11



Photo 21: TMF24-14-SA06 after sealing with wax.



Photo 22: TMF24-14-SA06 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-14-SA06		
		Date: June 21, 2024	Approved: AN	Figure: 12

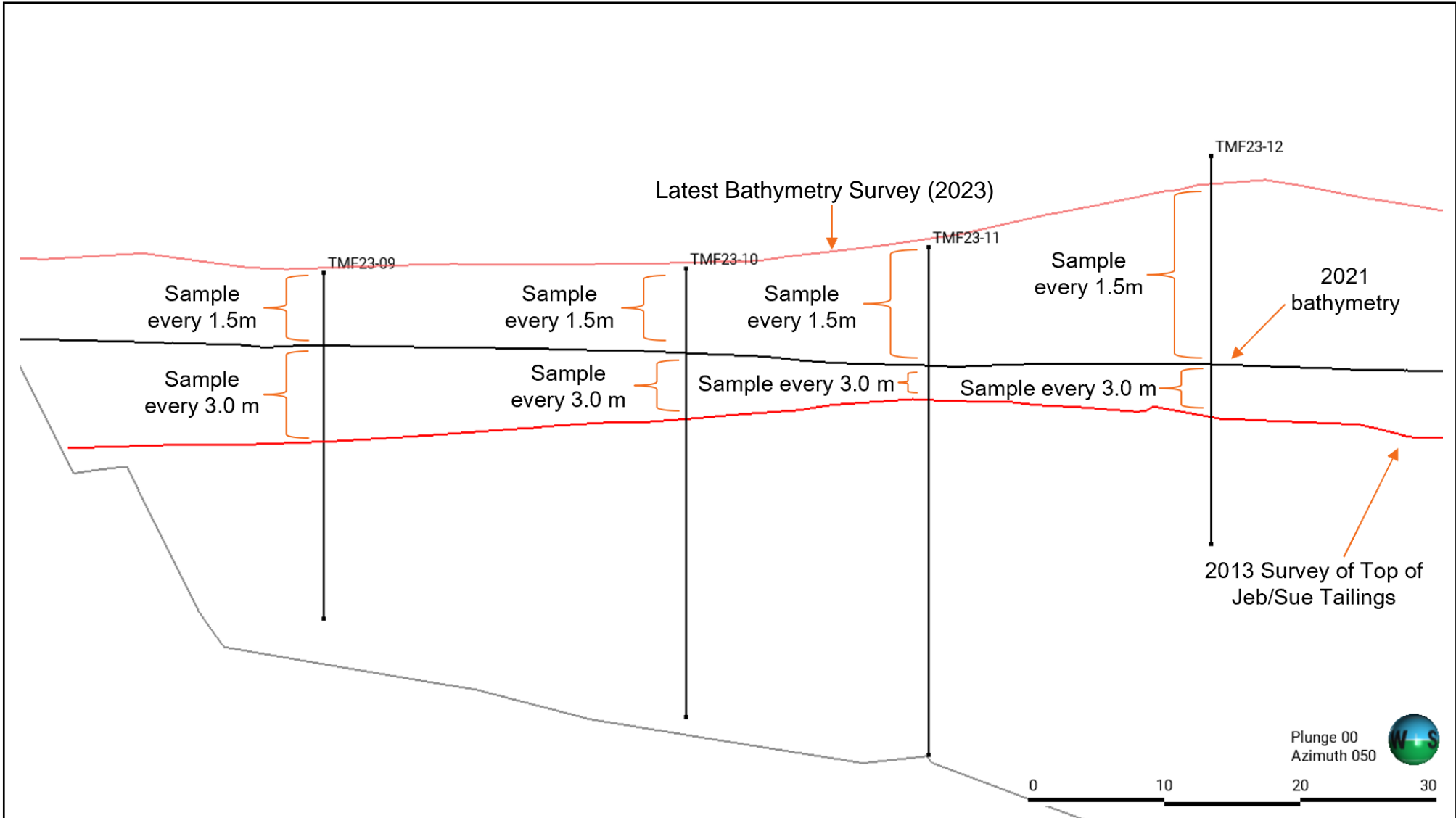


Photo 23: Shelby tube sample storage.



Photo 24: Barge location at TMF24-14 on TMF.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample Storage and Barge Location		
		Date: June 21, 2024	Approved: AN	Figure: 13



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

Job No: CAPR003271

McClellan Lake

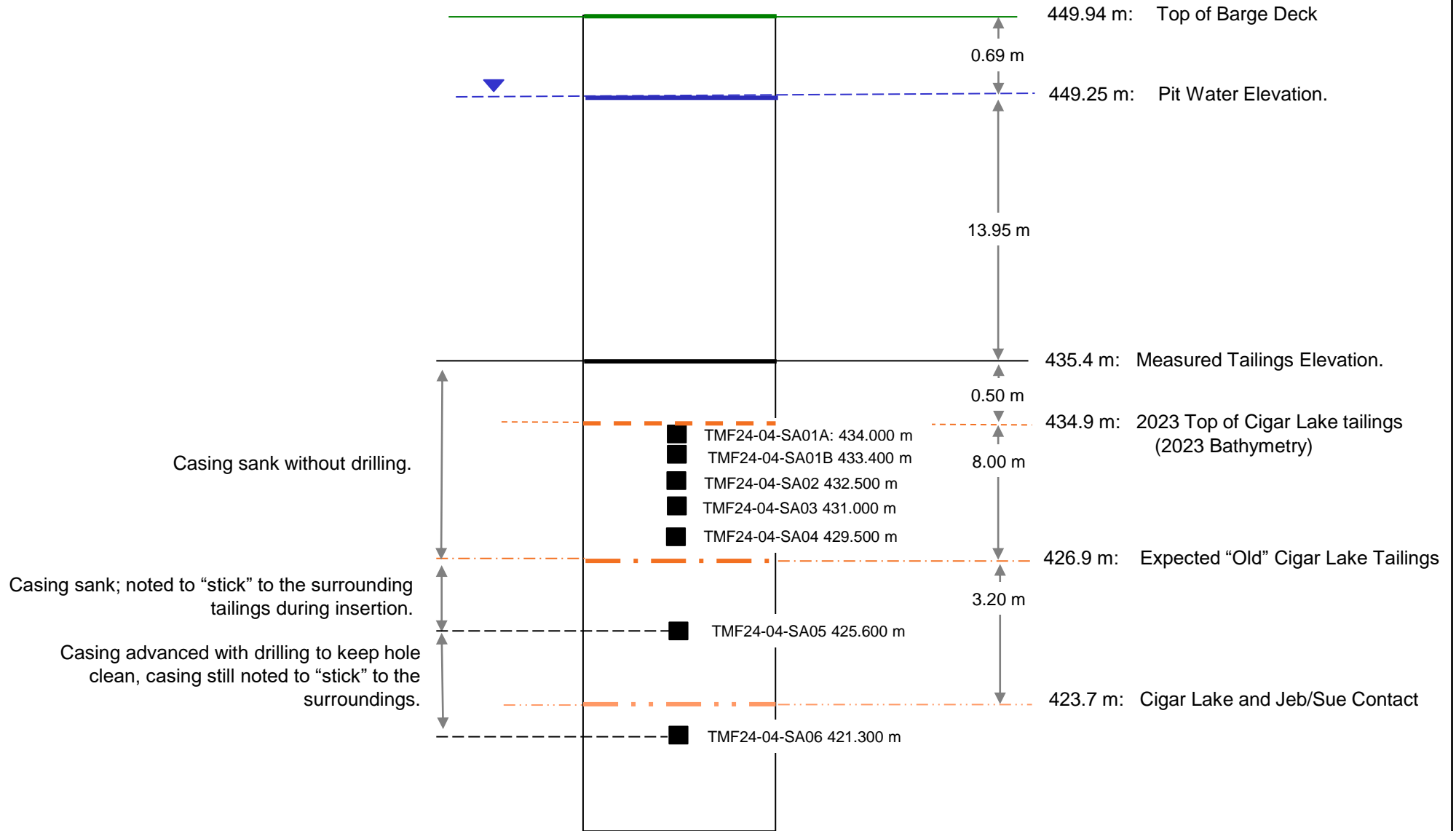
Date:
June 21, 2024

Approved:
AN

Figure:
14

NOT TO SCALE

TMF24-14 (Schematic)











Notes:

- The "Old" Cigar tailings layer consists of tailings deposited between the 2013 and 2021 bathymetry surveys.
- The "New" Cigar tailings layer includes tailings deposited between the 2021 and 2023 bathymetry surveys.

		TOVP 2024 Geotechnical Drilling		
		TMF24-04 Field Log		
Job No: CAPR003271	McClellan Lake	Date: June 21, 2024	Approved: AN	Figure: 15

SRK Daily Report 004 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 22, 2024		Project Number:	CAPR003271			
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes	
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast Afternoon: Sunny / Overcast Wind: 3-11 km/hr (28 km/h gust) Min : 12.2 °C Max : 27.1°C Comment: -			
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach						
				Four Day Outlook:			
				Sun 23 Jun	Mon 24 Jun	Tue 25 Jun	Wed 26 Jun
				 27°C 30% Chance of showers	 20°C Sunny	 14°C A mix of sun and cloud	 19°C Sunny
				Night  11°C 30% Chance of showers	Night  6°C Cloudy periods	Night  4°C Cloudy periods	Night  10°C Cloudy periods

SAFETY

Safety Meetings:	Summary:
6:55 AM to 7:05 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the JEB/SUE tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 11 which provides an example of cross-sections with surveys mentioned. ■ Paddock Drilling reported that a bolt for the hydraulic clamp on the drill casing needed replacement, as the previous one had sheared off yesterday. ■ From 07:05 to 09:23, Paddock Drilling acquired the new bolt, and SRK prepared for drilling.
--

- At 09:23, SRK and Paddock set off for the barge.
- From 09:23 to 09:45, buoys were positioned for TMF24-12 and TMF24-11.
- **TMF24-12 As Built Coordinates: 5370.454E, and 11262.033N.** Elevation of the deck of the barge = 449.959 (masl).
- Bathymetry completed 2023 predicted the elevation of tailings to be 436.6 masl. However, the tailings elevation was measured at 435.2 masl before drilling.
- The **daily water elevation** was measured and recorded as **449.251 meters above sea level (masl)**.
- Drilling commenced at 10:50 and continued until the end of the day at 17:52.
- The bentonite mix for drilling was prepared in a 170.3 L barrel. Approximately one-quarter to one-half of a 22.7 kg bentonite bag was added to about three-quarters of the barrel filled with water.
- The crew left the barge at approximately 18:00.
- The schematics of the drilling location will be provided in the Appendix upon completion of TMF24-12 (estimated morning of June 23, 2024).

Sampling Timeline:

- TMF24-12-SA01 sampled at 13:46,
- TMF24-12-SA02 sampled at 14:09,
- TMF24-12-SA03 sampled at 14:30,
- TMF24-12-SA04 sampled at 14:50,
- TMF24-12-SA05 sampled at 16:36.

Sampling Notes:

- When extracting the Shelby tube from TMF24-12-SA01 (434.7 masl), the sampler became stuck, necessitating several attempts to pull it up. Upon retrieval, it appeared to have struck what was presumed to be the bottom of the casing. No recovery was achieved from the initial sample. A subsequent sample was attempted 2 feet (0.61 meters) lower.
- While approaching TMF24-12-SA05, 0.75 meters above the planned depth (428.7 masl), the drillers switched from dropping the casings to drilling in order to wash out any material stuck inside the casing. Upon inserting a tape measure, approximately 5 feet of slough was discovered. The casing was then raised and lowered with rotation several times (at least 5) to flush the hole, but this was insufficient to remove the slough. It was decided to drop a linkage of AWJ rods to clear the slough, which was only partially effective. Paddock then attempted to clear the slough using a bentonite mixture. After re-inserting the tape measure, the initial slough length of 5 feet was observed again. Another linkage of AWJ rods was then deployed to push the slough out, which was successful and ultimately allowed for the recovery of TMF24-12-SA05.
- When approaching the target depth of TMF24-12-SA06, the casing was drilled to the planned depth (427.2 masl) and the depth was checked with a tape measure. Approximately 5 feet of slough was observed in the casing. A linkage of AWJ rods was sent down to push out the slough. An attempt to collect a sample was made, but it resulted in no recovery. This was possibly due to tailings, which resembled beach sand, accumulating in the sampler piston. It was then decided to drill an additional 2 feet down and attempt another sample, but this generated another 5-foot slough. The casing was pulled 10 feet upward and drilled downward with a

bentonite mixture, however the attempt was unsuccessful again. The sample will be re-attempted tomorrow morning again. However, should the attempt to wash the slough out and sample be unsuccessful, it is planned to move to another sample.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figures 3 to 6 and Figure 8: Present an overview of the sampling activities.
- Figure 7: Shows the bentonite mixing process.
- Figure 9: Displays a photo of the residual TMF24-12-SA06 tailings that were not sampled due to slough.
- Figure 10: Provides an overview of the drill at the end of the day as well as sample storage location.
- Figure 11: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.

Plan for tomorrow:

- Finish drilling sampling at TMF24-12
- Move barge to TMF24-11
- Drill and sample TMF24-11

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
09:55	TMF24-14	TMF24-12	0.35	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-12	10:50	17:55	7.0	In process	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading / unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-12	TMF24-14-SA01	434.1	1.1	81	<ul style="list-style-type: none"> Appears as fines with sand on the sides of the tubes. Dark grey to dark brown (“New Cigar”). Approximately 250 kPa of pump water pressure when pushing a Shelby tube with a drilling rate of approximately 0.2 m/s.
	TMF24-14-SA02	433.2	2.0	99	<ul style="list-style-type: none"> Appears as fines with sand on the sides of the tubes. Dark grey to dark brown (“New Cigar”). Approximately less than 250 kPa of pump water pressure when pushing a Shelby tube with a drilling rate of approximately 0.2 m/s.
	TMF24-14-SA03	431.7	3.5	91	<ul style="list-style-type: none"> Appears as fines with sand on the sides of the tubes. Dark grey to dark brown (“New Cigar”). Approximately 250 kPa of pump water pressure when pushing Shelby tube with a drilling rate of approximately 0.2 m/s.
	TMF24-14-SA04	430.2	5.0	96	<ul style="list-style-type: none"> Appears as mix of fines and sand (sand noticed on the sides of the tube). Grey (“New Cigar”). Approximately 1500 kPa of pump water pressure accumulated when pushing the Shelby tube with a drilling rate of approximately 0.11 m/s.
	TMF24-14-SA05	428.7	6.5	79	<ul style="list-style-type: none"> Appears as sandy material. Dark grey to dark green (“New Cigar”). Approximately 800 kPa of pump water pressure generated when pushing a Shelby tube with a rotational pressure of approximately 2000 kPa.

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and 2023 bathymetry survey (“Fresh” tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

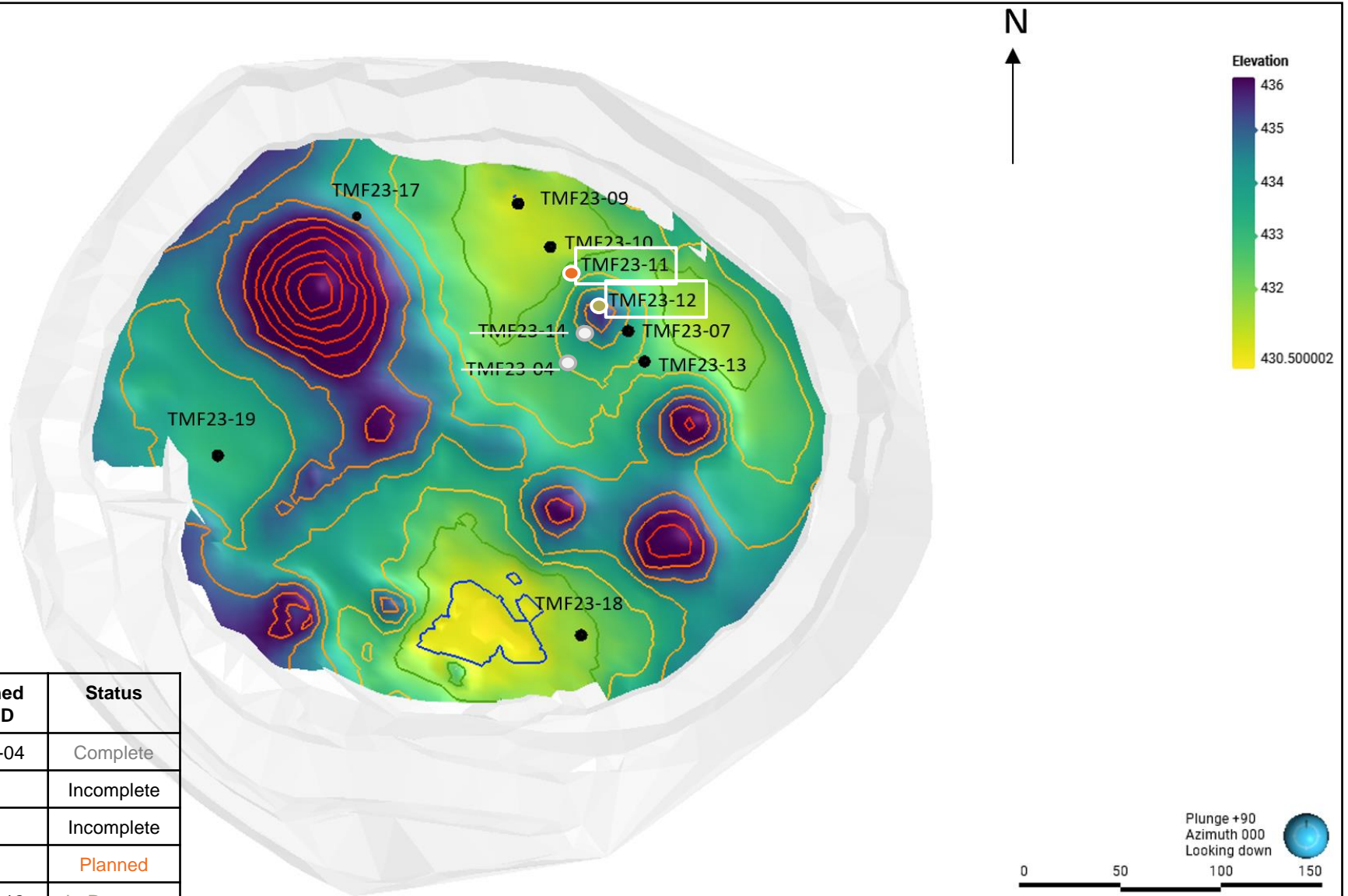
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Planned
TMF23-12	TMF24-12	In-Progress
TMF23-13	-	Incomplete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



 Job No: CAPR003271



 McClean Lake

TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Date: June 22, 2024	Approved: AN	Figure: 1
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Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-12-SA01 prior to sealing with wax.



Photo 2: TMF24-12-SA01 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA01		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 3



Photo 5: TMF24-12-SA02 prior to sealing with wax.

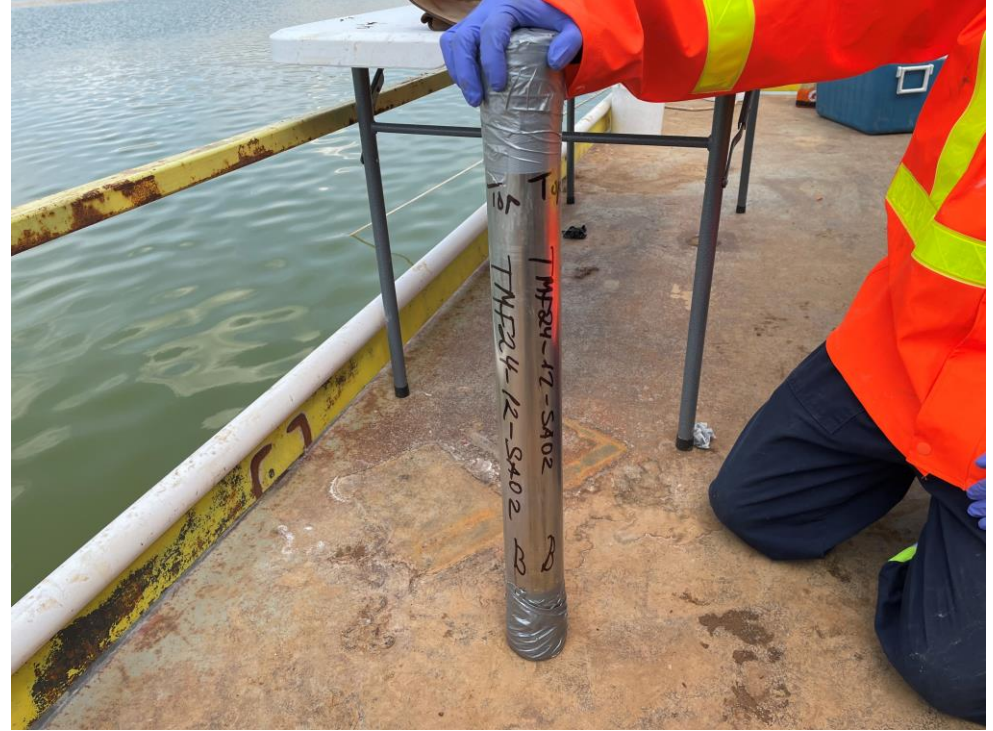


Photo 6: TMF24-12-SA02 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA02		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 4



Photo 7: TMF24-12-SA03 prior to sealing with wax.



Photo 8: TMF24-12-SA03 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA03		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 5

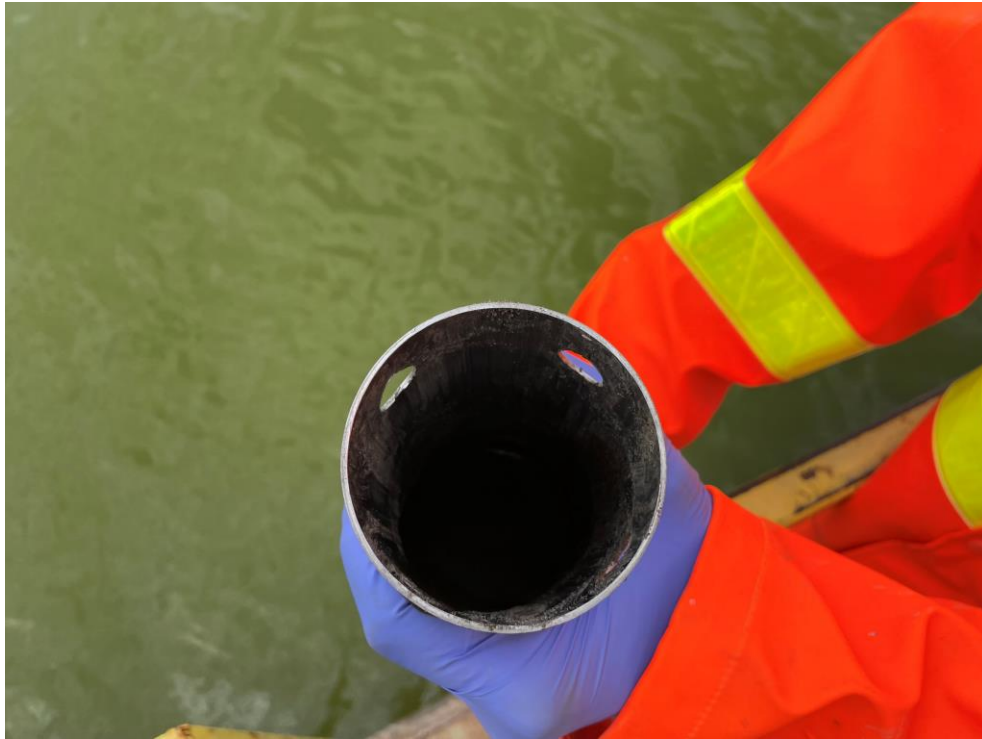


Photo 9: TMF24-12-SA04 before sealing with wax.



Photo 10: TMF24-12-SA04 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA04		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 6



Photo 11: Mixing bentonite with water.



Photo 12: Finished bentonite mixture.

		TOVP 2024 Geotechnical Drilling		
		Bentonite Mixture		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 7



Photo 13: TMF24-12-SA05 prior to sealing with wax.



Photo 14: TMF24-12-SA05 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA05		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 8



Photo 15: TMF24-12-SA06 attempt with no recovery, appears as beach sand.



Photo 16: TMF24-12-SA06 attempt with no recovery (broken apart).

		TOVP 2024 Geotechnical Drilling		
		TMF24-12-SA06 Attempt Sandy Material		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 9

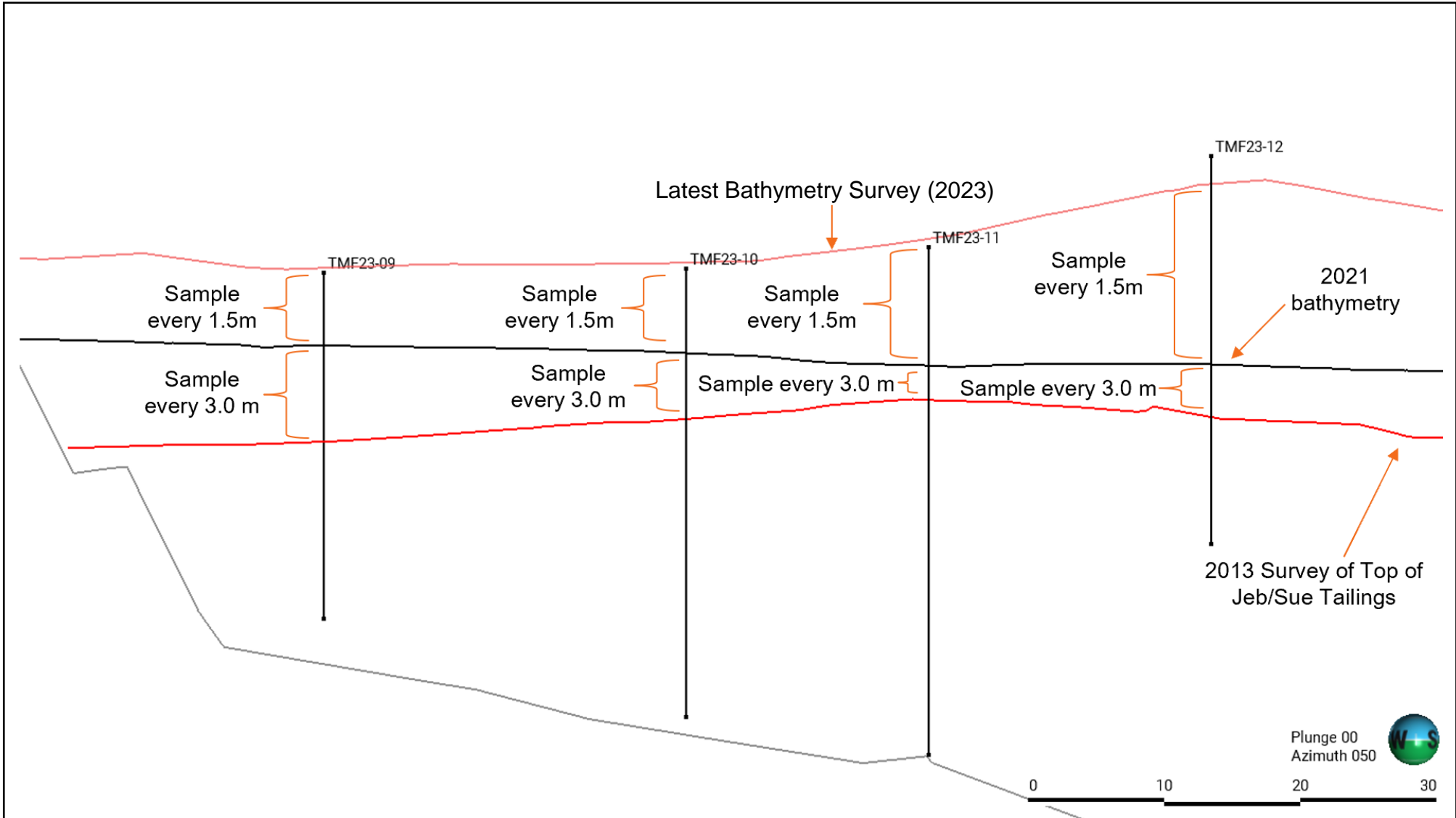


Photo 17: Casing left in the ground overnight at 426.6 masl (at planned TMF24-12-SA06).



Photo 18: Storage of the Shelby samples.

		TOVP 2024 Geotechnical Drilling		
		Barge and Shelby Samples		
Job No: CAPR003271	McClellan Lake	Date: June 22, 2024	Approved: AN	Figure: 10



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

Job No: CAPR003271























McClellan Lake

Date:
June 22, 2024

Approved:
AN

Figure:
11

SRK Daily Report 005 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 23, 2024		Project Number:	CAPR003271												
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes										
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 3-13 km/hr Min : 13.5 °C Max : 27.7°C Comment: -		Four Day Outlook:										
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: 8px;">Mon 24 Jun</th> <th style="font-size: 8px;">Tue 25 Jun</th> <th style="font-size: 8px;">Wed 26 Jun</th> <th style="font-size: 8px;">Thu 27 Jun</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">  17°C <small>A mix of sun and cloud</small> </td> <td style="text-align: center;">  16°C <small>Sunny</small> </td> <td style="text-align: center;">  20°C <small>Sunny</small> </td> <td style="text-align: center;">  15°C <small>Sunny</small> </td> </tr> <tr> <td style="text-align: center;">  5°C <small>A few clouds</small> </td> <td style="text-align: center;">  4°C <small>Clear</small> </td> <td style="text-align: center;">  7°C <small>Clear</small> </td> <td style="text-align: center;">  6°C <small>Cloudy periods</small> </td> </tr> </tbody> </table>	Mon 24 Jun	Tue 25 Jun	Wed 26 Jun	Thu 27 Jun	 17°C <small>A mix of sun and cloud</small>	 16°C <small>Sunny</small>	 20°C <small>Sunny</small>	 15°C <small>Sunny</small>	 5°C <small>A few clouds</small>	 4°C <small>Clear</small>
Mon 24 Jun	Tue 25 Jun	Wed 26 Jun	Thu 27 Jun													
 17°C <small>A mix of sun and cloud</small>	 16°C <small>Sunny</small>	 20°C <small>Sunny</small>	 15°C <small>Sunny</small>													
 5°C <small>A few clouds</small>	 4°C <small>Clear</small>	 7°C <small>Clear</small>	 6°C <small>Cloudy periods</small>													

SAFETY

Safety Meetings:	Summary:
6:50 AM to 7:00 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 11 which provides an example of a cross-section with the surveys mentioned. ■ At 07:10, SRK and Paddock set off for the barge. ■ The daily water elevation was measured and recorded as 449.261 meters above sea level (masl).

- Drilling commenced at 07:30 and continued until the end of TMF24-12 at 11:20.
- The bentonite mix for drilling was prepared in a 170.3 L barrel. Approximately three quarters of a 22.7 kg bentonite bag was added to about three-quarters of the barrel filled with water in attempt to combat the sloughing occurring inside the casing.
- At 13:20, the barge began relocating to the TMF23-11 location. Despite several attempts to move the barge, the wind made it impossible to position and maintain it. After dropping the anchors, it appeared that the barge was being blown away and drifting slowly with the anchors in the direction of the wind. It was challenging to fixate the barge in one spot. Consequently, by the end of the day, the available anchors were positioned at each corner of the barge (two anchors per corner) in an attempt to keep it stationary until the wind subsided. However, the barge still did not make it to the target location. Further movement is planned for the morning.
- The crew left the barge at approximately 17:20.

Sampling Timeline:

- TMF24-12-SA06 sampled at 08:42.

Sampling Notes:

- While drilling from TMF24-12-SA05 (428.7 masl) to TMF24-12-SA06 (427.2 masl), a 5-foot (1.52 m) slough was encountered, halting drilling on June 22, 2024. This slough persisted at the start of drilling today. Attempts to drill and flush by raising the casing and applying rotational pressure of about 300 psi (2068.4 kPa) showed no improvement; the slough remained at 5 feet (1.52 m). Consequently, the decision was made to move to the "Old" Cigar tailings layer, as the drill bit was nearing the boundary, and to attempt to penetrate the sloughing sandy material. Efforts to obtain a representative sample from the deepest part of the "New" Cigar tailings were unsuccessful. Upon reaching the target sample elevation of 425.9 masl ("Old" Cigar tailings), the casing was checked for sloughing, revealing a similar 5-foot (1.52 m) slough above the target depth. It was decided to push the slough out using AWJ rods down the casing, successfully removing 3 feet (0.91 m) of the slough, leaving 2 feet (0.61 m) stuck in the casing. After further drilling and flushing, a Shelby tube was pushed. Once the Shelby tube reached the bottom, it was found to be 1 inch (0.025 m) above the target, indicating that 1 inch (0.025 m) of the sample at the top of the tube was likely disturbed due to the slough.
- After moving past TMF23-12-SA06, another "Old" Cigar sample was planned at 422.7 masl. While drilling from TMF24-12-SA06 to this location, a rotational pressure of 500 psi (3447.4 kPa) was observed with a drilling rate of 0.075 m/s. A 5-foot (1.52 m) slough was again observed in the casing. Attempts to flush the casing by raising and lowering the drill multiple times were unsuccessful. A bentonite mixture was prepared as described earlier, but flushing the casing and drilling with the bentonite mix showed no improvement. An additional 2 feet (0.61 m) of material was drilled to attempt to penetrate through the slough, but this was also unsuccessful. Subsequently, a tramline (AWJ rods with water jetting through) was used to wash the slough out, but the same 5-foot (1.52 m) slough remained in the casing. A Shelby tube was then pushed down the casing through the slough, but this attempt was also unsuccessful. Consequently, it was decided to move on to the next sample.
- When approaching the expected Jeb/Sue contact at 421 masl, the casing was drilled with a rotational pressure of 500 psi (3447.4 kPa) and a drilling rate of approximately 0.04 m/s. A 5-foot (1.52 m) slough was then observed in the casing. Despite multiple flushing attempts, there was no improvement. A 5-foot (1.52 m) drill rod was added to reach an elevation of 419.5 masl, and drilling continued with a rotational pressure of 300 psi (2068.4 kPa) and water pressure reaching a maximum of 100 psi (689.5 kPa). The same sloughing was observed. After several washing attempts, it was decided to abandon the hole and move on to the next one.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.

- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3: Present an overview of the sampling activities.
- Figure 4/5: Illustrates methods implemented to attempt to prevent sloughing.
- Figure 6: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 7: Provides a schematic of the drilling and sampling activities for TMF24-12.

Plan for tomorrow:

- Finish relocating to TMF24-11
- Drill and sample TMF24-11
- Relocate to TMF24-10

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
13:20	TMF24-12	TMF24-11	3.5	Intense wind gusts.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-12	07:30	11:20	3.8	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-12	TMF24-14-SA06	425.7	9.5	93	<ul style="list-style-type: none"> ■ Appears as coarser sand with fines, difficult to identify as top of tube may be sloughed material. ■ Drilled with an approximate 2000 kPa and approximate drilling rate of 0.075 m/s.

¹ Sample elevation reported is the top of the Shelby sampler.

² Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³ Calculated based on 2 ft (0.61 m) maximum penetration.

⁴ The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

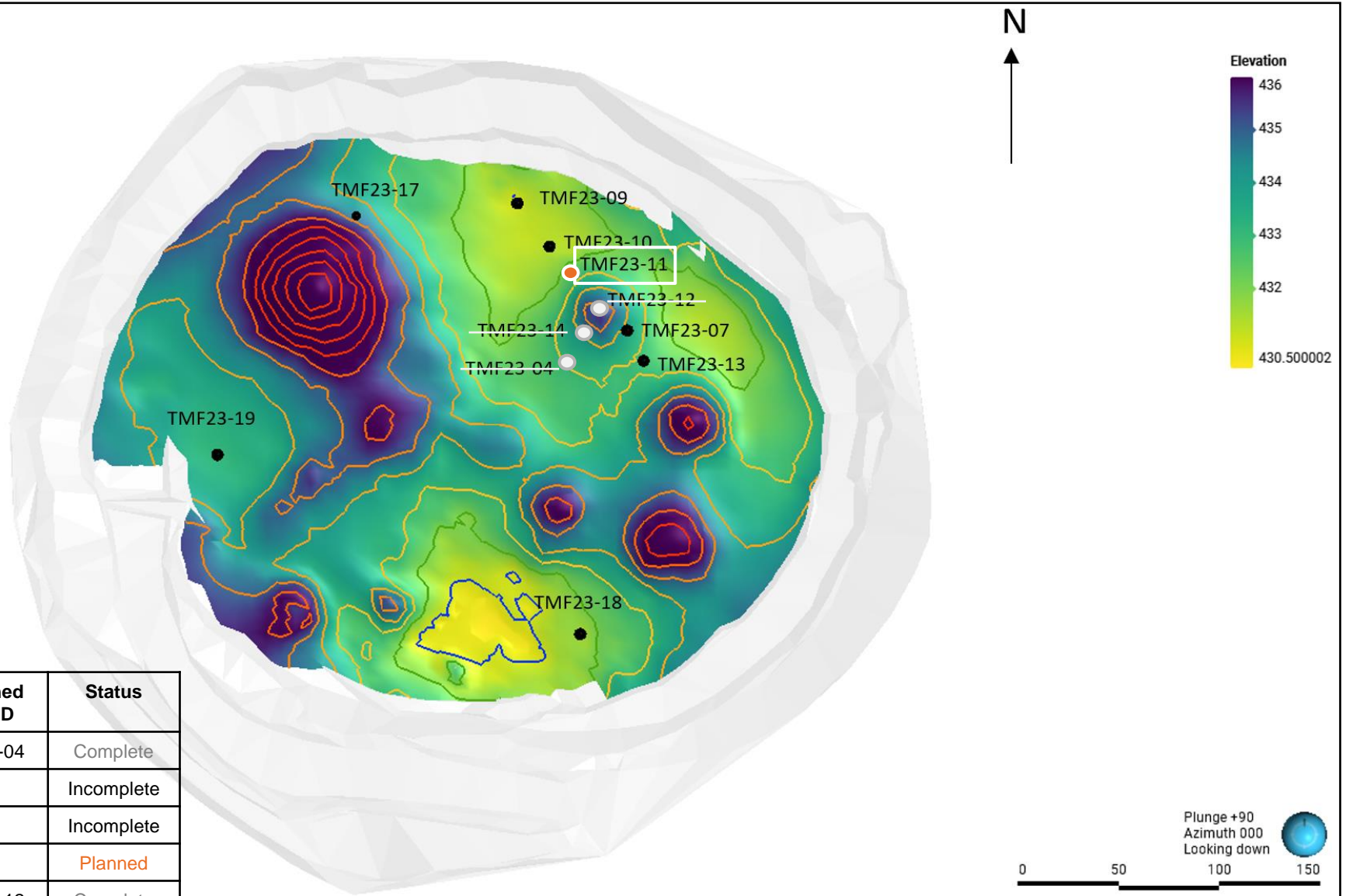
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Planned
TMF23-12	TMF24-12	Complete
TMF23-13	-	Incomplete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete


 Job No: CAPR003271


 McClean Lake

TOVP 2024 Geotechnical Drilling
2024 TOVP Sampling Map
 Date: June 23, 2024 Approved: AN Figure: **1**



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClean Lake	Date: June 23, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-12-SA06 prior to sealing with wax.



Photo 2: TMF24-12-SA06 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-12-SA06		
Job No: CAPR003271	McClellan Lake	Date: June 23, 2024	Approved: AN	Figure: 3



Photo 5: Bentonite mixture to combat sloughing ($\frac{1}{4}$ bag of bentonite added to approximately $\frac{3}{4}$ of 170.3 liters barrel of water).



Photo 6: Water in the casing after attempted flushing.

		TOVP 2024 Geotechnical Drilling		
		Slough Prevention		
Job No: CAPR003271	McClellan Lake	Date: June 23, 2024	Approved: AN	Figure: 4

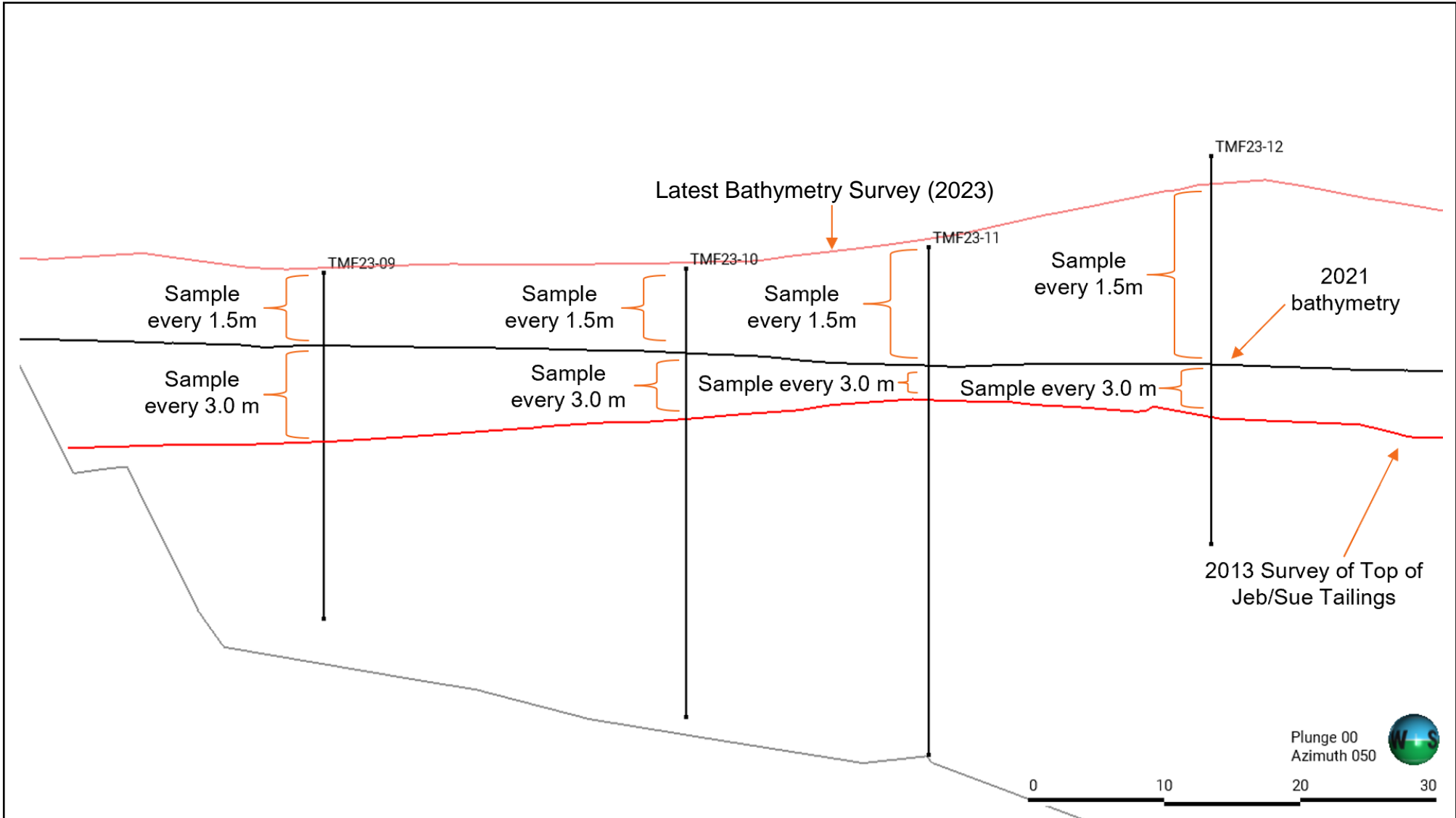


Photo 7: Attempted washing of the casing with a tramline to approximately 0.15 m above target depth.



Photo 8: Water flowing upward from the casing while washing down with a tramline.

		TOVP 2024 Geotechnical Drilling		
		Tramline Washing		
Job No: CAPR003271	McClellan Lake	Date: June 23, 2024	Approved: AN	Figure: 5



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

Job No: CAPR003271

McClellan Lake

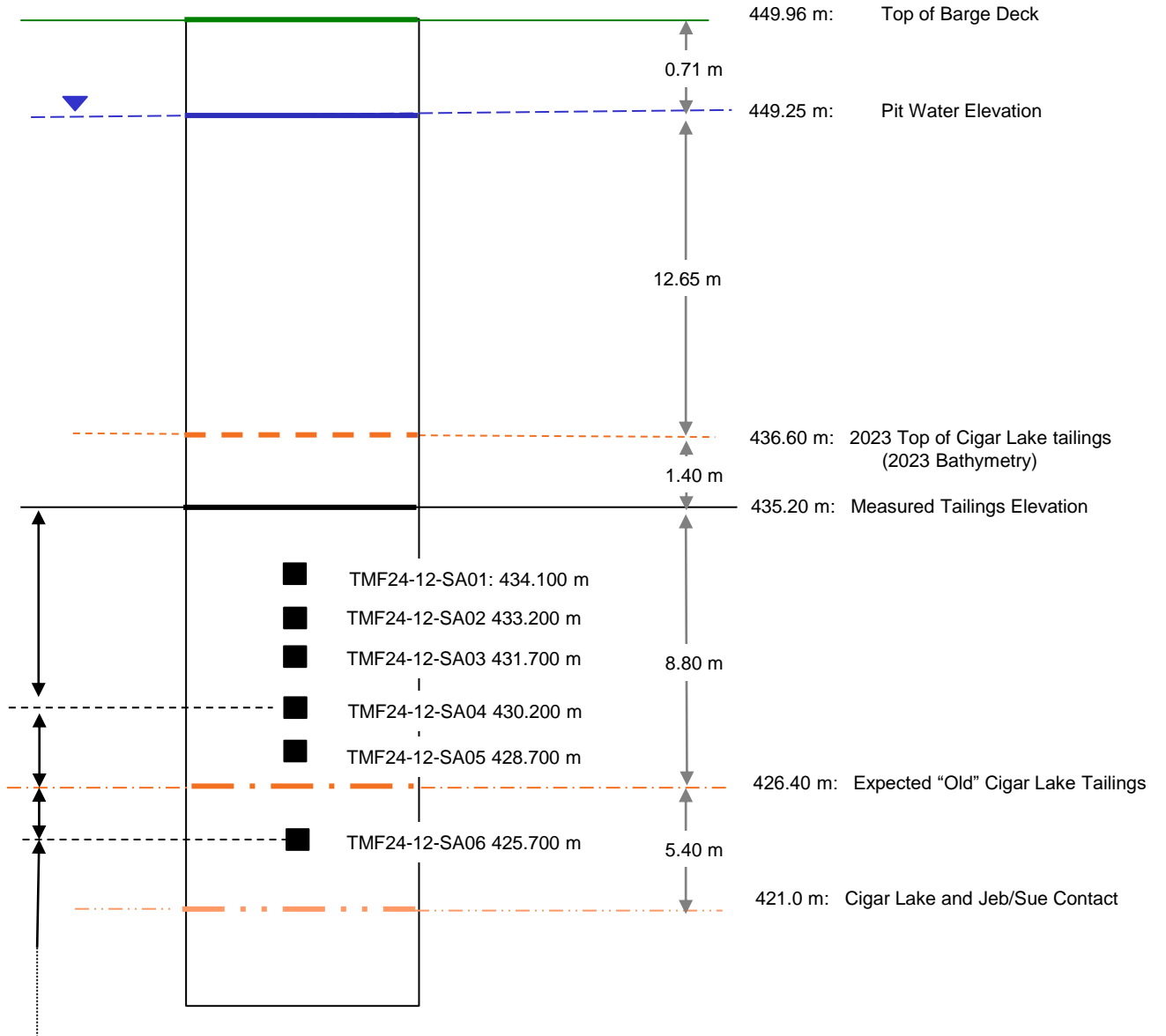
Date:
June 23, 2024

Approved:
AN

Figure:
6

NOT TO SCALE

TMF24-12 (Schematic)



Casing was dropped with ease, with a rate of ~0.2 m/s and a pump water pressure of 0 kPa.

Casing was drilled to prevent sloughing, at a rate of ~0.075 m/s and with a rotational pressure of ~2000 kPa and a pump water pressure of 0 kPa.

Casing was drilled to prevent sloughing, at a rate of ~0.04 m/s and with a rotational pressure of ~3500 kPa and with a feed pressure of ~5000 kPa and a pump water pressure of 0 kPa.









Casing was drilled to prevent sloughing with a rotational pressure of ~2000 kPa and a water pressure spiking to ~700 kPa.

Notes:

- The "Old" Cigar tailings layer consists of tailings deposited between the 2013 and 2021 bathymetry surveys.
- The "New" Cigar tailings layer includes tailings deposited between the 2021 and 2023 bathymetry surveys.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		TMF24-12 Field Log		
		Date: June 23, 2024	Approved: AN	Figure: 7

SRK Daily Report 006 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 24, 2024	Project Number:	CAPR003271				
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes		
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast Afternoon: Overcast Wind: 0-18 (gusts 35 km/hr) Min : 10.7 °C Max : 27.7°C Comment: -			
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach						
				Four Day Outlook:			
				Tue 25 Jun	Wed 26 Jun	Thu 27 Jun	Fri 28 Jun
				 18°C <small>A mix of sun and cloud</small>	 19°C <small>A mix of sun and cloud</small>	 15°C <small>Sunny</small>	 18°C <small>Sunny</small>
				Night  6°C <small>36% Chance of showers</small>	Night  7°C <small>Clear</small>	Night  4°C <small>Clear</small>	Night  10°C <small>Cloudy periods</small>

SAFETY

Safety Meetings:	Summary:
6:45 AM to 6:55 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ 07:10, the daily water elevation was measured and recorded at 449.216 meters above sea level (masl). ■ The barge was being moved and stabilized from 07:30 to 08:10. ■ Increasing wind gusts quickly moved the barge approximately 19 meters from the desired location (TMF23-11), despite all available 9 anchors being deployed. ■ Attempts to stabilize the barge were unsuccessful due to the strong gusting wind and the insufficient number of anchors. It was decided to secure the barge to the nearest anchor block to prevent it from drifting away with the wind.
--

- No attempts were made to pull the anchors to avoid destabilizing the barge. However, while attaching the barge to the anchor block, it was slightly moved closer to the target location. Despite this, it was very difficult for three people to hold and pull the barge against the wind with the ropes, as the wind gusts were getting stronger, and the barge continued to sway.
- The barge was then tied down to an anchor block on the pit wall, holding for the day at 11:30.
- Consequently, it was decided to remain on standby until the wind subsided.
- SRK ordered 10 additional Claw/Bruce 33-lb (15.0 kg) anchors with 150 feet (45.7 m) of 7/16 inch (11.1 mm) braided rope and 8 feet (2.4 m) of galvanized chain attached to the anchors to combat the wind. SRK monitored the barge throughout the remainder of the day. The anchors were ordered by SRK with coordination and approval from Orano. Five anchors are being delivered from BC and five from Ontario. The company ordered from is Pally Performance Products. SRK was informed by Pally that five anchors from BC will be delivered to Saskatoon tomorrow (June 25th) and transferred to Orano Cameco Corporation Transit Facility at 2910 Cleveland Avenue, Saskatoon, SK, S7K 0C6 with a courier. The supplier was given Orano's (Kebbi Hughes) contact information to coordinate shipment to the transit facility in Saskatoon. SRK was also informed that the remaining five anchors from Ontario will arrive the day after tomorrow (June 26th) in Saskatoon.
- SRK visited the Sue Pit for some photographs.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3: Illustrates the stabilization of the barge by tying it to an anchor block.
- Figure 4: Provides an overview of the Sue pit.
- Figure 5: Provides a drilling summary for the program.

Plan for tomorrow:

- Finish relocating to TMF24-11
- Drill and sample TMF24-11
- Relocate to TMF24-10

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:30	TMF24-12	TMF24-11	2.0	Strong wind gusts

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
None					

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
None					

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

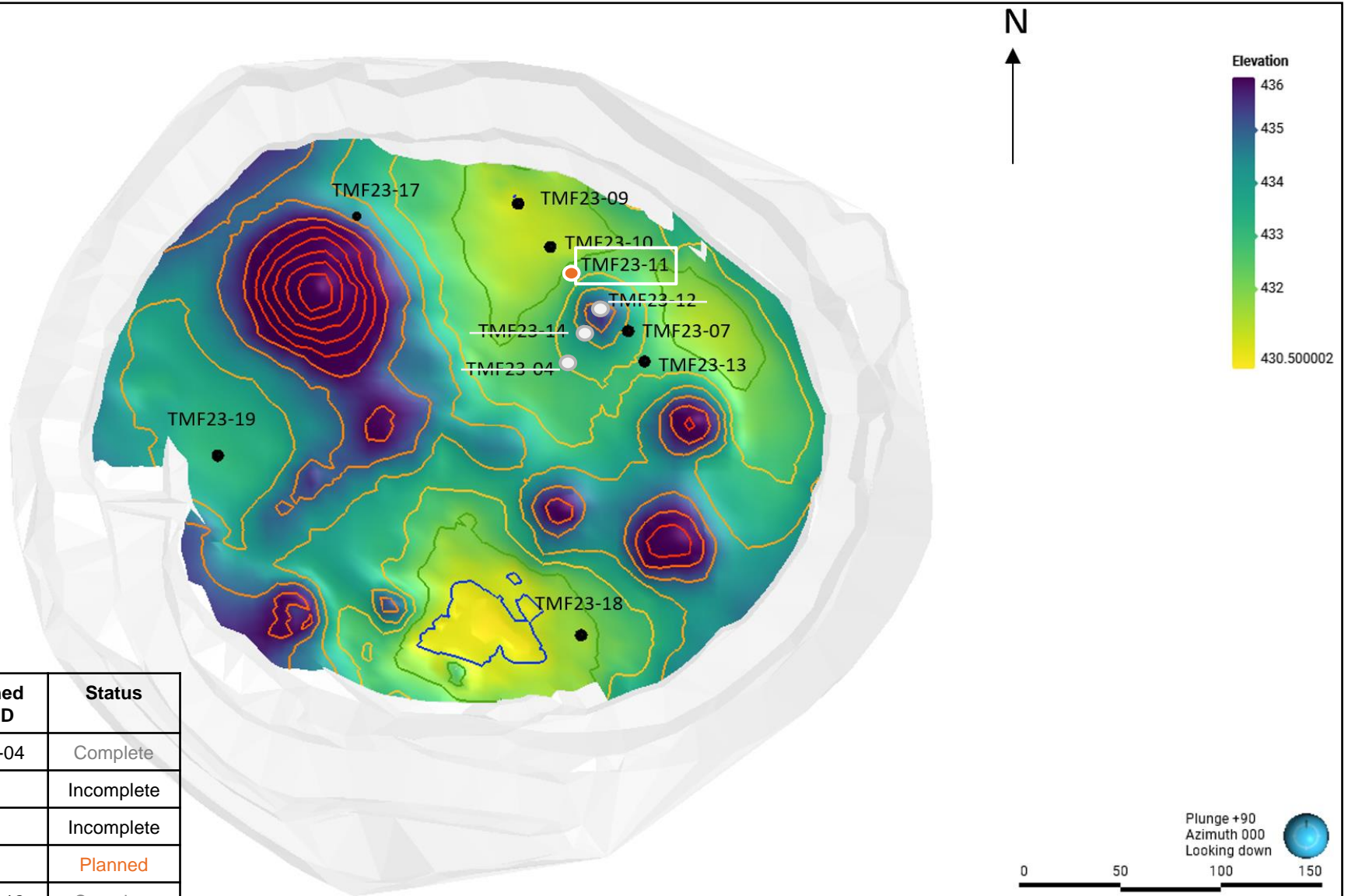
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Incomplete
TMF23-10	-	Incomplete
TMF23-11	-	Planned
TMF23-12	TMF24-12	Complete
TMF23-13	-	Incomplete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete


 Job No: CAPR003271


 McClean Lake

TOVP 2024 Geotechnical Drilling
2024 TOVP Sampling Map
 Date: June 24, 2024 Approved: AN Figure: **1**



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 24, 2024	Approved: AN	Figure: 2



Photo 3: Securing barge to an anchor block prior to 35 km/hr wind gusts.



Photo 4: Barge secured to anchor blocks.

		TOVP 2024 Geotechnical Drilling		
		Barge Securing		
Job No: CAPR003271	McClellan Lake	Date: June 24, 2024	Approved: AN	Figure: 3

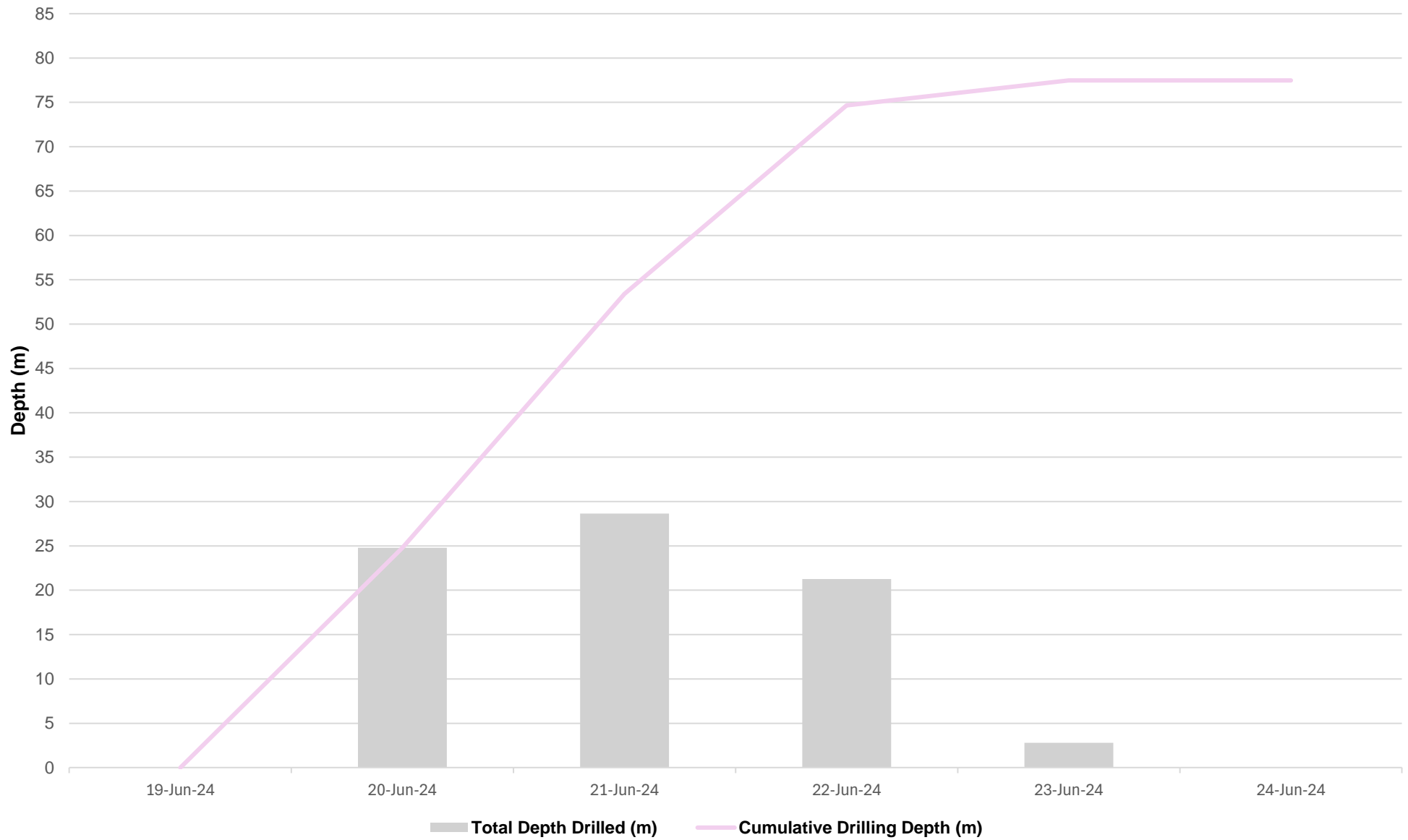


Photo 5: Sue pit walls.











Photo 6: Sue pit overview.

		TOVP 2024 Geotechnical Drilling		
		Sue Pit		
Job No: CAPR003271	McClellan Lake	Date: June 24, 2024	Approved: AN	Figure: 4



 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Drilling Summary		
		Date: June 24, 2024	Approved: AN	Figure: 5

SRK Daily Report 007 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 25, 2024		Project Number:	CAPR003271			
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes	
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast Afternoon: Overcast / Sunny Wind: 2-15 (gusts 27 km/hr) Min : 7.7 °C Max : 12.9°C Comment: -			
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach						
				Four Day Outlook:			
				Wed 26 Jun	Thu 27 Jun	Fri 28 Jun	Sat 29 Jun
				 20°C Sunny	 16°C Sunny	 17°C Sunny	 23°C Sunny
				Night  7°C Clear	Night  4°C Clear	Night  5°C Clear	Night  13°C Clear

SAFETY

Safety Meetings:	Summary:
6:45 AM to 7:00 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 20 which provides an example of a cross-section with the surveys mentioned. ■ At 07:30, the daily water elevation was measured and recorded at 449.270 meters above sea level (masl). ■ The barge was moved and stabilized from 07:40 to 08:20 from the location of TMF24-12 to TMF24-11.
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- Drilling commenced at 08:50 at TMF24-11.
- The barge was moved and stabilized again between 14:20 and 15:45.
- Drilling began at 16:00 at TMF24-10.
- Drilling concluded by 18:45, and the crew departed from the barge.
- Sample packaging and cleanup were completed by 19:10.
- Wind gusts during the drilling of TMF24-11 caused some difficulties in aligning the drill bit with the casing.
- The barge remained attached to the same anchor block during the relocation from TMF24-12 to TMF24-11 and from TMF24-11 to TMF24-10, which helped prevent drifting by securing the barge against wind gusts.
- **TMF24-11 As Built Coordinates: 5356.872E, and 11278.614N.** Elevation of the deck of the barge = 449.976 (masl).
- **TMF24-10 As Built Coordinates: 5345.243E, and 11289.180N.** Elevation of the deck of the barge = 449.912 (masl).
- Orano (Kebbi Hughes) informed SRK (Anton Novikov) that five out of ten Claw/Bruce 33-lb (15.0 kg) anchors, each with 150 feet (45.7 m) of 7/16 inch (11.1 mm) braided rope and 8 feet (2.4 m) of galvanized chain attached, have been delivered to the Orano Cameco Corporation Transit Facility at 2910 Cleveland Avenue, Saskatoon, SK, S7K 0C6. SRK has received the invoice for the product from Pally Performance Products. However, SRK (Anton Novikov) has requested adjustments to the invoice from the Orano Cameco Corporation Transit Facility. Five more anchors of the same type are expected to be delivered to the Orano Cameco Corporation Transit Facility by the end of the day tomorrow (June 26th, 2024).

Sampling Timeline:

- TMF24-11-SA01 sampled at 09:10.
- TMF24-11-SA02 sampled at 09:38.
- TMF24-11-SA03 sampled at 09:52.
- TMF24-11-SA04 sampled at 10:08.
- TMF24-11-SA05 sampled at 10:40.
- TMF24-11-SA06 sampled at 11:40.
- TMF24-10-SA01 sampled at 16:24.
- TMF24-10-SA02 sampled at 16:43.
- TMF24-10-SA03 sampled at 17:02.
- TMF24-10-SA04 sampled at 17:28.
- TMF24-10-SA05 sampled at 17:55.
- TMF24-10-SA06 sampled at 18:38.

Sampling Notes:

- During drilling at TMF24-11, the first 2-ft (0.61 m) split spoon sampler was advanced at the expected contact elevation of "Old" Cigar and Jeb/Sue tailings at 424.6 masl (83 feet and 3 inches from the deck of the barge), as determined from the 2013 bathymetry survey. However, upon advancing the split spoon sampler, the Jeb/Sue contact was not identified. It was then decided to obtain another split spoon sample at 87 feet below the deck of the barge (approximately 1 foot 9 inches (0.53 m) below the bottom of the first split spoon sample). In this second sample, potential Jeb/Sue tailings of dark green colour were identified approximately 0.4 m below the starting depth of the second split spoon. Having confirmed this, the final sample at TMF24-11-SA06 was obtained 5 ft (1.5 m) below the starting depth of the second split spoon (at 421.9 masl). The elevation of the Jeb/Sue contact was also compared to the anticipated estimated contact elevation of 422.6 (masl). The results seem consistent with expectations.
- During drilling at TMF24-10, the 2-ft (0.61 m) split spoon sampler was advanced to the expected contact elevation of the "Old" Cigar and Jeb/Sue tailings at 423.6 masl as determined from the 2013 bathymetry survey. However, upon retrieval of the spoon, the Jeb/Sue contact was not identified. Considering the time (18:10) and the strong gusts of wind that made it difficult to align the casing with the drill bit due to the movement of the barge, it was deemed undesirable to leave the casing in the tailings overnight. Given the proximity of TMF24-11 and the identified "Old" Cigar and Jeb/Sue contact tailings elevation there, it was decided not to repeat a split spoon for visual confirmation. Instead, the split spoon sampler was advanced to a similar elevation where the Jeb/Sue contact was identified in TMF24-11. Using engineering judgment, it was decided to drill to the elevation of 421.2 masl to attempt to sample the Jeb/Sue layer with a Shelby Tube. Upon retrieval of the sample, dark green, low-plasticity (visually non-contact observation) material was observed, which was consistent with the material observed at TMF24-11 when the second split-spoon sampler was pushed. The elevation of the Jeb/Sue contact was later compared to the anticipated estimated contact elevation of 421.6 (masl). The results seem consistent with expectations.
- The sampling frequency in the "Old" Cigar tailings at TMF24-10 was adjusted from three meters to two meters to collect two samples, as was originally proposed, from the "Old" Cigar tailings layer.
- Schematics of the drill holes (TMF24-11 and TMF24-10) will be provided in the next daily report.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3 to Figure 18: Present an overview of the sampling activities.
- Figure 19: Presents an overview of barge attachments during relocation and sample storage area.
- Figure 20: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 21: Provides a drilling summary.
- Figure 22: Provides schematics of TMF24-11 and TMF24-10.

Plan for tomorrow:

- Relocate to TMF24-09
- Drill and sample at TMF24-09

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:40	TMF24-12	TMF24-11	0.7	-
14:20	TMF24-11	TMF24-10	1.4	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-11	08:50	11:50	3.0	Complete	-
TMF24-10	16:00	18:45	2.8	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-11	TMF24-11-SA01	432.0	3.6	85	<ul style="list-style-type: none"> ■ Appears as predominantly fine material sand present on the tube's sides. Light grey to light brown colour. ■ Casing fell to the sample elevation at a rate of approximately 0.15 m/s. A feed pressure of approximately 3500 kPa and no water pressure were observed.
TMF24-11	TMF24-11-SA02	430.5	5.1	97	<ul style="list-style-type: none"> ■ Appears as predominantly fine material. Light brown colour. ■ Casing fell to the sample elevation at a rate of 0.15 m/s. A feed pressure of approximately 3500 kPa and no water pressure were observed.
TMF24-11	TMF24-11-SA03	429.0	6.6	97	<ul style="list-style-type: none"> ■ Appears as predominantly fine material with sand present on the tube's sides. Light brown colour. ■ Casing fell to the sample elevation at a rate of 0.15 m/s. A feed pressure of approximately 3500 kPa and no water pressure were observed.

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-11	TMF24-11-SA04	427.5	8.1	97	<ul style="list-style-type: none"> Appears as predominantly fine material with few sands. Light brown colour. Casing fell to the sample at a rate of 0.15 m/s. A feed pressure of approximately 3500 kPa and no water pressure were observed.
TMF24-11	TMF24-11-SA05	425.9	9.7	99	<ul style="list-style-type: none"> Appears as predominately fine clayey material. Light brown and appears stiffer than the above samples. Casing fell to the sample at a rate of 0.075 m/s. A feed pressure of approximately 3500 kPa and no water pressure were observed.
TMF24-11	TMF24-11-SA06	421.9	13.7	98	<ul style="list-style-type: none"> Appears as predominately fine material with low to medium plasticity. Dark green colour and noticeably lower plasticity than the above sample. Drilled to the sample with a rotational pressure of approximately 2000 kPa.
TMF24-10	TMF24-10-SA01	431.0	5.0	97	<ul style="list-style-type: none"> Appears as a fine material. Light brown with traces of orange colour. Casing fell to the sample elevation at a rate of 0.13m/s. A feed pressure of approximately 4100 kPa and no water pressure were observed.
TMF24-10	TMF24-10-SA02	429.5	6.5	97	
TMF24-10	TMF24-10-SA03	428.0	8.0	99	
TMF24-10	TMF24-10-SA04	426.5	9.5	97	<ul style="list-style-type: none"> Appears as predominantly fine clayey material. Light brown and looks stiffer than the above material. Drilled to the sample with a rotational pressure of approximately 2800 kPa.
TMF24-10	TMF24-10-SA05	424.5	11.5	99	<ul style="list-style-type: none"> Appears as predominantly fine clayey material. Light brown and appears stiff. Casing fell to the sample elevation at a rate of approximately 0.08 m/s and a feed pressure of approximately 3500 kPa.
TMF24-10	TMF24-10-SA06	421.2	14.8	97	<ul style="list-style-type: none"> Appears as predominately fine material. Low plasticity, dark green colour and appears soft. Drilled to the sample elevation with a rotational pressure of approximately 2000 kPa and a water pressure of approximately 180 kPa.

¹ Sample elevation reported is the top of the Shelby sampler.

² Includes tailings deposited between the time of drilling and the 2023 bathymetry survey (“Fresh” tailings).

³ Calculated based on 2 ft (0.61 m) maximum penetration.

⁴ The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

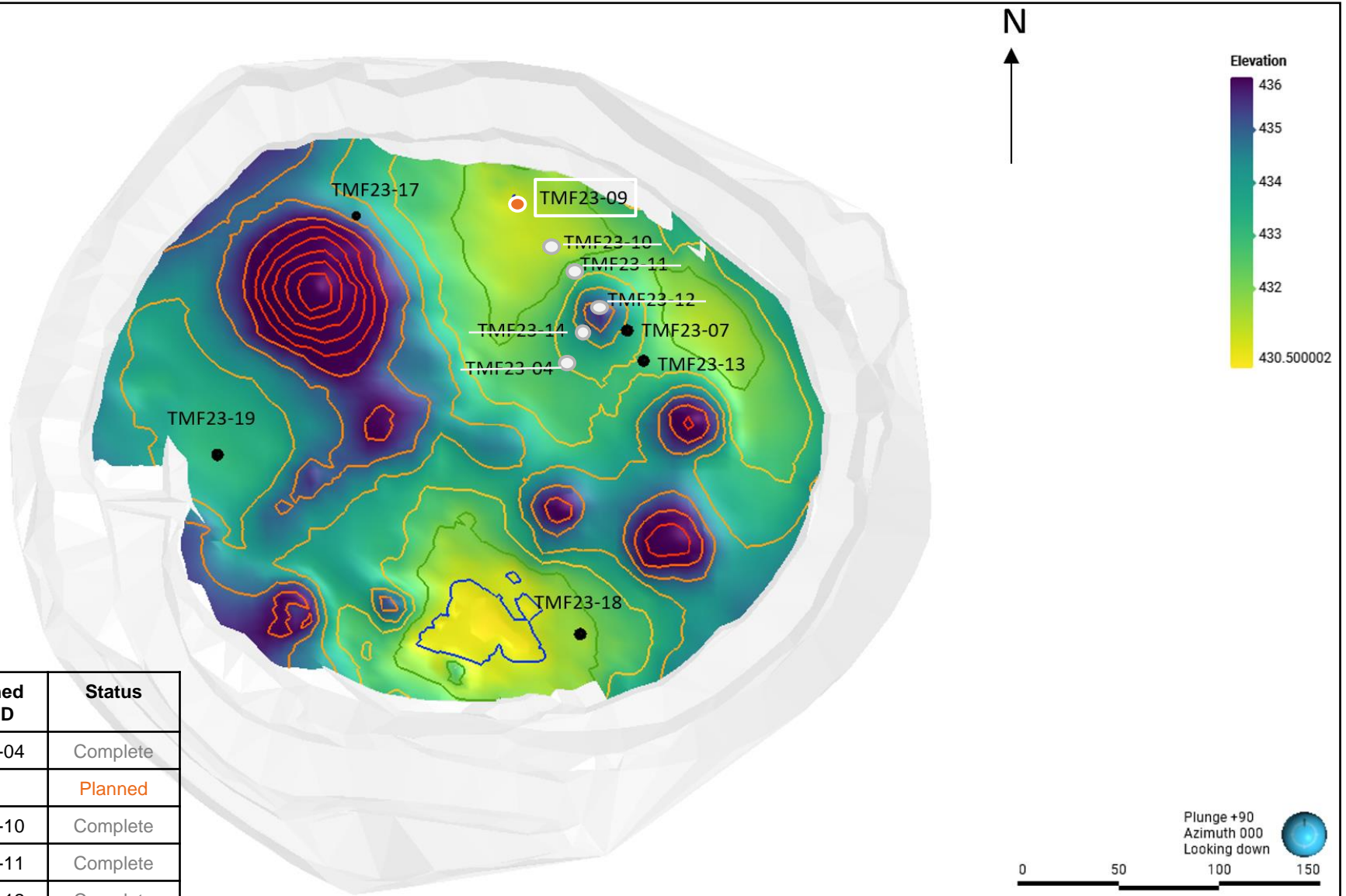
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	-	Planned
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	-	Incomplete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



 Job No: CAPR003271



 McClean Lake

TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

 Date: June 25, 2024 Approved: AN Figure: **1**



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-11-SA01 prior to sealing with wax.



Photo 4: TMF24-11-SA01 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA01		
		Date: June 25, 2024	Approved: AN	Figure: 3

A photo of the sample could not be provided because it had been sealed before the picture was taken



Photo 5: TMF24-11-SA02 after collection.

 Job No: CAPR003271	 McClellan Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA02		
		Date: June 25, 2024	Approved: AN	Figure: 4



Photo 6: TMF24-11-SA03 prior to sealing with wax.



Photo 7: TMF24-11-SA03 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA03		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 5



Photo 8: TMF24-11-SA04 after sealing with wax.



Photo 9: TMF24-11-SA04 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA04		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 6



Photo 10: TMF24-11-SA05 after sealing with wax.



Photo 11: TMF24-11-SA05 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA05		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 7



Photo 12: Split Spoon (2-ft SPT) sample at expected “Old” Tailings and Jeb/Sue contact (“Old” Cigar tailings identified) at TMF24-11



Photo 13: Split Spoon sample at expected “Old” Tailings and Jeb/Sue contact (A closer look at “Old” Cigar tailings) at TMF24-11

		TOVP 2024 Geotechnical Drilling		
		First 2-ft Split Spoon Sample TMF24-11		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 8



Photo 13: Second Split Spoon sample at an elevation of 2 ft (0.61 m) below the bottom of the first split spoon sample provided in Photo 12 and Photo 13 (TMF24-10)



Photo 14: Second Split Spoon sample at an elevation of 2 ft (0.61 m) below the bottom of the first split spoon sample provided in Photo 12 and Photo 13 at TMF24-10 (A closer look at identified "Old" Cigar tailings section)

		TOVP 2024 Geotechnical Drilling		
		Second 2-ft Split Spoon Sample With "Old" Cigar at TMF24-11		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 9



Photo 13: Second Split Spoon sample at an elevation of 2 ft (0.61 m) below the bottom of the first split spoon sample provided in Photo 12 and Photo 13 (TMF24-10). Jeb/Sue contact identified ~0.4 m below the start of the spoon.



Photo 14: Second Split Spoon sample at an elevation of 2 ft (0.61 m) below the bottom of the first split spoon sample provided in Photo 12 and Photo 13 (TMF24-10). Identified Jeb/Sue tailings (closer look).

		TOVP 2024 Geotechnical Drilling		
		Second 2-ft Split Spoon Sample TMF24-11 with Jeb/Sue (TMF24-11)		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 10



Photo 15: TMF24-11-SA06 after sealing with wax.



Photo 16: TMF24-11-SA06 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-11-SA06		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 11



Photo 17: TMF24-10-SA01 after sealing with wax.



Photo 18: TMF24-10-SA01 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-10-SA01		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 12



Photo 19: TMF24-10-SA02 before sealing with wax.



Photo 20: TMF24-10-SA02 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-10-SA02		
		Date: June 25, 2024	Approved: AN	Figure: 13



Photo 21: TMF24-10-SA03 before sealing with wax.



Photo 22: TMF24-10-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling	
		Shelby Tube Sample TMF24-10-SA03	
		Date: June 25, 2024	Approved: AN
			Figure: 14



Photo 21: TMF24-10-SA04 before sealing with wax.



Photo 22: TMF24-10-SA04 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-10-SA04		
		Date: June 25, 2024	Approved: AN	Figure: 15



Photo 23: TMF24-10-SA05 before sealing with wax.



Photo 24: TMF24-10-SA05 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling	
		Shelby Tube Sample TMF24-10-SA05	
		Date: June 25, 2024	Approved: AN
			Figure: 16



Photo 25: Split Spoon sample at expected contact between the “Old” Cigar Tailings and Jeb/Sue (Only “Old” Cigar tailings are identified)



Photo 26: Split Spoon sample at expected contact between the “Old” Cigar Tailings and Jeb/Sue (A closer look)

		TOVP 2024 Geotechnical Drilling		
		2-ft Split Spoon Sample at TMF24-10		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 17



Photo 27: TMF24-10-SA06 before sealing with wax.



Photo 28: TMF24-10-SA06 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-10-SA06		
		Date: June 25, 2024	Approved: AN	Figure: 18

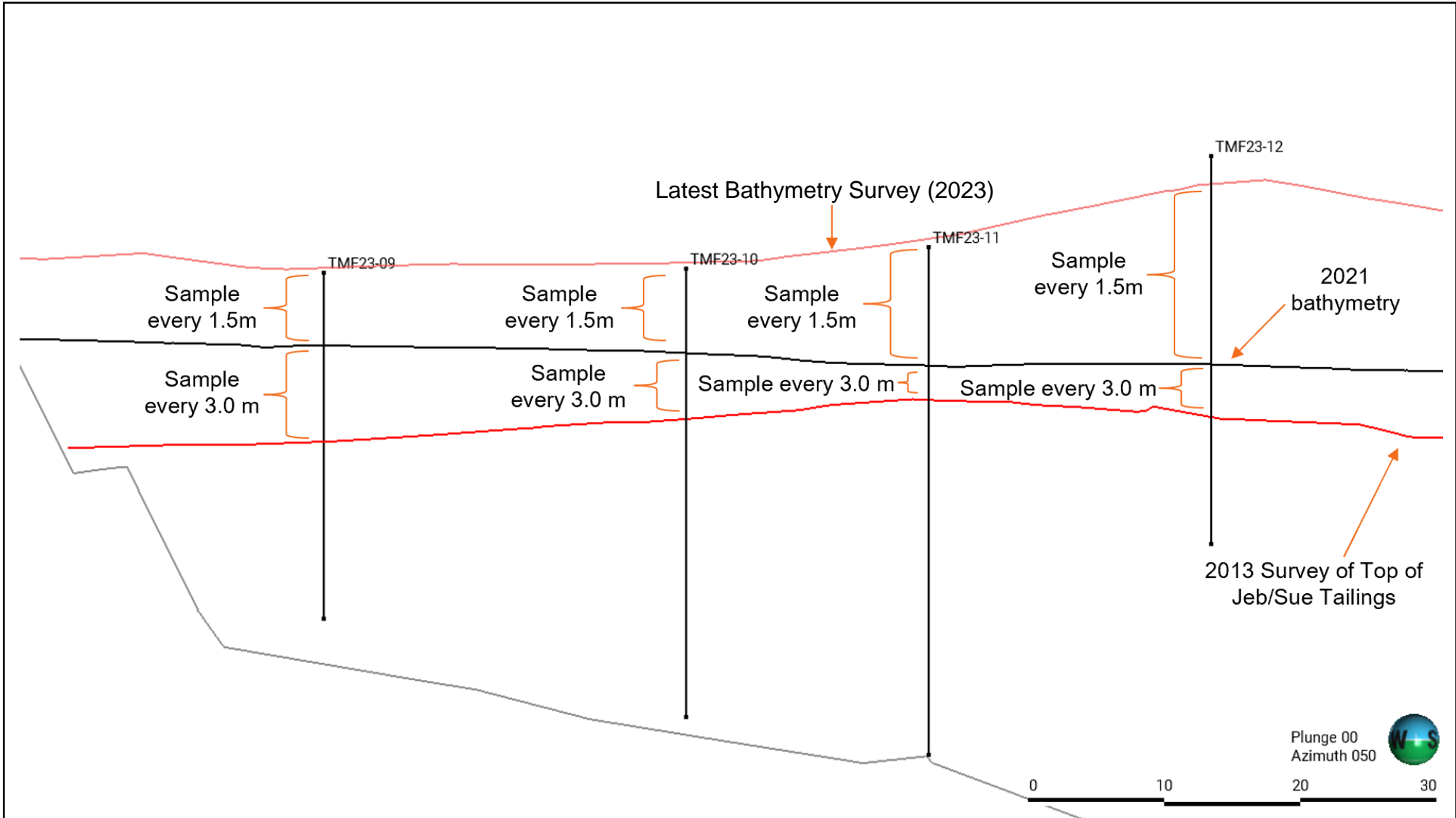


Photo 29: Attachment of the barge to the block anchor during relocations to counteract the wind gusts



Photo 30: Shelby tube storage overview at the end of the day

		TOVP 2024 Geotechnical Drilling		
		Barge Attachment and Sample Storage		
Job No: CAPR003271	McClellan Lake	Date: June 25, 2024	Approved: AN	Figure: 19



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

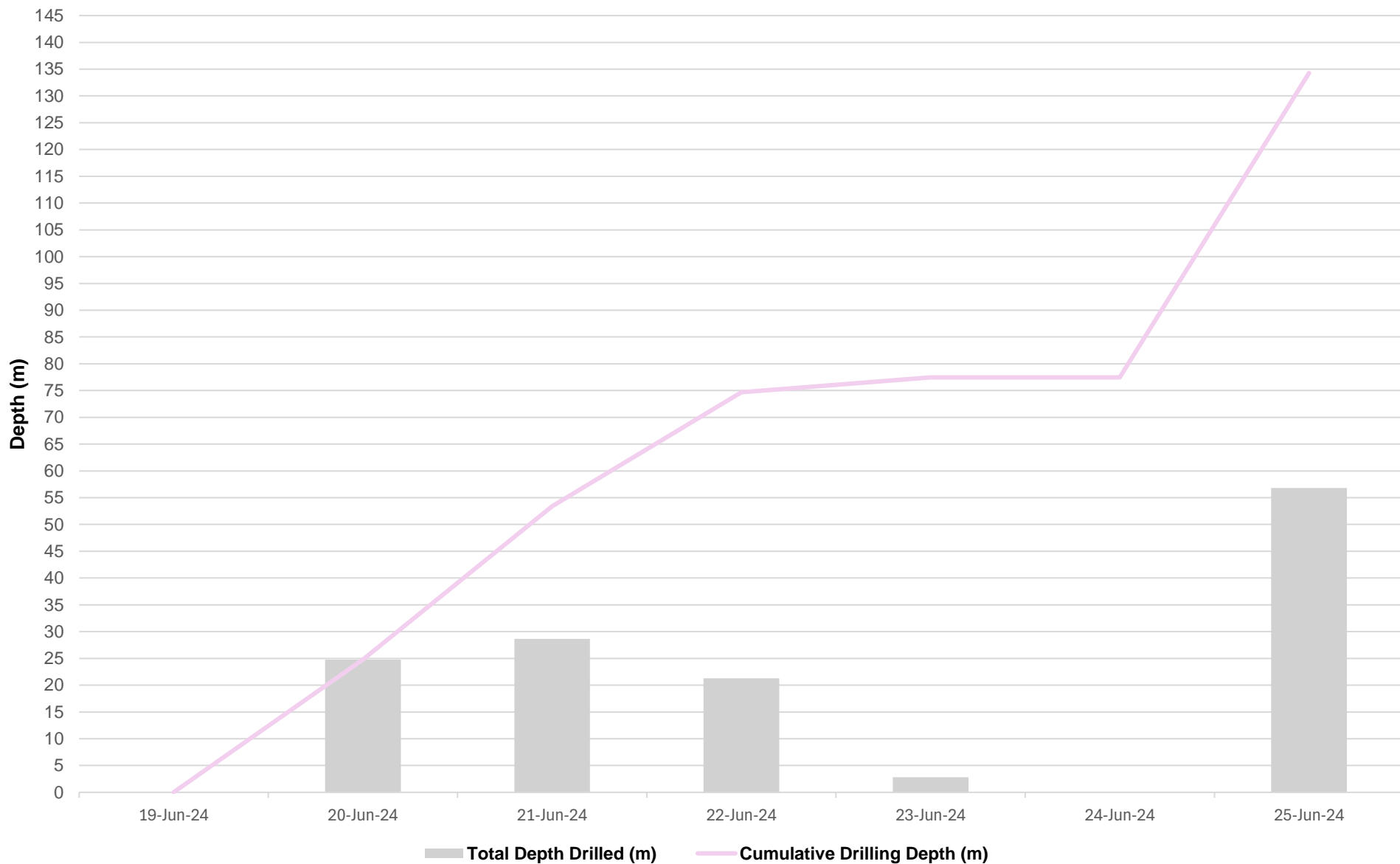
Job No: CAPR003271

McClellan Lake

Date:
June 25, 2024

Approved:
AN

Figure:
20



TOVP 2024 Geotechnical Drilling

Drilling Summary

Job No: CAPR003271

McClellan Lake

Date:
June 25, 2024

Approved:
AN

Figure:
21

TMF24-11

Figure 22

————— Berge elev = 449.976 masl

- - - - - Water elev = 449.270 masl

————— Measured tailings elev = 435.625 masl

- - - - - 2023 Bathymetry elev = 432.1 masl

↑
Casing fell to samples,
no drilling required

x SA01 = 432.0 masl

x SA02 = 430.5 masl

x SA03 = 429.0 masl

x SA04 = 427.5 masl



- - - - - Expected "old" liner elev = 426.2 masl

↓
Casing drilled & flushed
to samples, ~300psi (rotational)
pressure

x SA05 = 425.9 masl

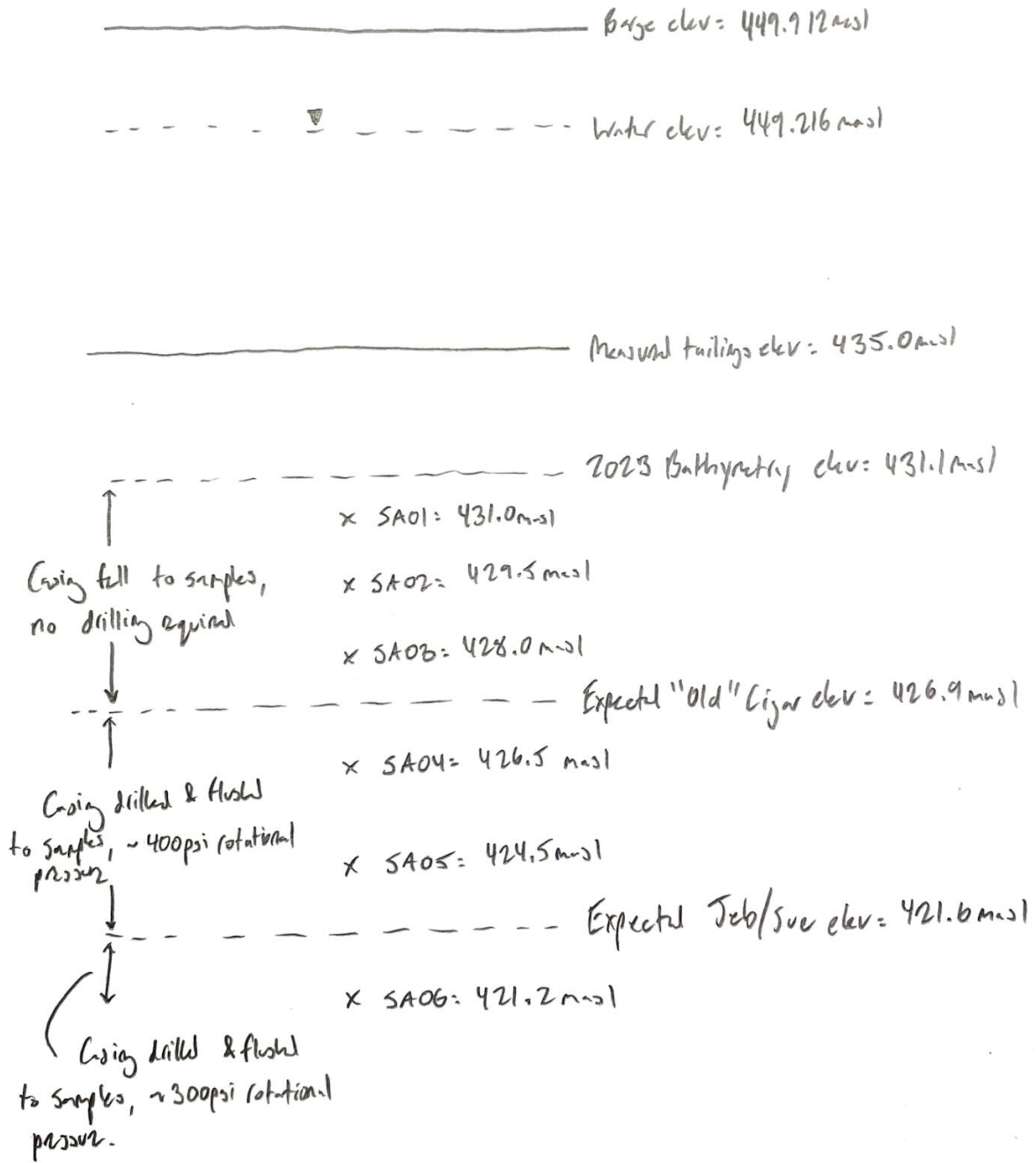


- - - - - Expected Jeb/Suc elev = 422.6 masl

























x SA06 = 421.9 masl

TMF24+10

Figure 22



SRK Daily Report 008 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 26, 2024		Project Number:	CAPR003271																																			
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes																																	
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast / Rain Afternoon: Overcast / Sunny / Rain Wind: 4-23 (gusts 53 km/hr) Min : 4.4 °C Max : 18.7°C Comment: -		Four Day Outlook:																																	
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach					<table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Wed 26 Jun</th> <th>Thu 27 Jun</th> <th>Fri 28 Jun</th> <th>Sat 29 Jun</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20°C</td> <td>16°C</td> <td>17°C</td> <td>23°C</td> </tr> <tr> <td>Sunny</td> <td>Sunny</td> <td>Sunny</td> <td>Sunny</td> </tr> <tr> <td>Night</td> <td>Night</td> <td>Night</td> <td>Night</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7°C</td> <td>4°C</td> <td>5°C</td> <td>13°C</td> </tr> <tr> <td>Clear</td> <td>Clear</td> <td>Clear</td> <td>Clear</td> </tr> </tbody> </table>				Wed 26 Jun	Thu 27 Jun	Fri 28 Jun	Sat 29 Jun					20°C	16°C	17°C	23°C	Sunny	Sunny	Sunny	Sunny	Night	Night	Night	Night					7°C	4°C	5°C	13°C	Clear	Clear
Wed 26 Jun	Thu 27 Jun	Fri 28 Jun	Sat 29 Jun																																				
																																							
20°C	16°C	17°C	23°C																																				
Sunny	Sunny	Sunny	Sunny																																				
Night	Night	Night	Night																																				
																																							
7°C	4°C	5°C	13°C																																				
Clear	Clear	Clear	Clear																																				

SAFETY

Safety Meetings:	Summary:
7:00 AM to 7:10 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 12 which provides an example of a cross-section with the surveys mentioned. ■ At 07:30, the daily water elevation was measured and recorded at 449.241 meters above sea level (masl). ■ From 08:00 to 09:00, the barge was moved from TMF24-10 to TMF24-09 and stabilized.

- Drilling commenced at 09:20 at TMF24-09.
- Drilling concluded at 14:47 at TMF24-09.
- During drilling to TMF24-09-SA05, strong wind gusts began to move and sway the barge. It was observed that the casing appeared angled as the barge exerted pressure on it during the wind gusts. After taking the last sample at TMF24-09-SA05, the drill casing was pulled out, and the crew waited for the wind to calm down before attempting to move again. However, the wind remained strong, and the gusts continued. The crew decided to leave the barge at 15:40 and plan to relocate to TMF24-13 the next day, unless the wind calms down before the end of the day.
- After communicating with the drillers and examining the gauges on the drill's panel, it was determined that feed pressure and drill rate readings will no longer be recorded. This decision was made because the feed pressure and drilling rate are governed by the levers operated by the driller and the throttle. Although the throttle readings were mostly 800 RPM at previous locations, these readings do not provide an indication of the material's in-situ properties. However, the rotational pressure recorded during drilling to a certain elevation and the pump pressure required to extend the Shelby tube in the tailings were documented, as they may potentially indicate the hardness or density of the material.
- **TMF24-09 As Built Coordinates: 5328.580E, 11310.521N.** Elevation of the deck of the barge = 449.962 masl.

Sampling Timeline:

- TMF24-09-SA01 sampled at 09:57.
- TMF24-09-SA02 sampled at 10:20.
- TMF24-09-SA03 sampled at 10:47.
- TMF24-09-SA04 sampled at 11:20.
- TMF24-09-SA05 sampled at 14:35.

Sampling Notes:

- Upon drilling to the last sample TMF24-09-SA05, the initial 2-ft (0.61 m) split spoon sampler was extended to the estimated "Old" Cigar and Jeb/Sue contact elevation of 420.5 masl, which is 29.5 m below the barge's deck. However, after extracting the sample, it was noted that it resembled the material above, characterized by a light brown colour (fine material) with medium to high plasticity fines and spots of black clayey particles. Consequently, an additional 2-ft (0.61 m) split spoon sampling was conducted at 419 masl (31 m below the deck's elevation). Despite this, the extracted material still appeared similar to the "Old" Cigar tailings. During this time, strong wind gusts were causing the barge to move, resulting in the casing bending and pushing against the barge. To prevent further bending and potential breakage of the drill bit, it was decided to pull out the casing from the tailings as soon as possible. Using judgment, it was decided to quickly drill another 10'2" (3.1 m) lower than the starting elevation of the second split spoon sample to attempt to sample Jeb/Sue tailings. Upon sampling the Shelby tube at 415.9 masl, visual (non-contact) observation indicated that the sample appeared similar to the 2-ft (0.61 m) split spoon samples above, however, with some greenish colour present. To prevent further bending of the casing and damage to the drill, it was decided to stop at that elevation and pull the casing from the tailings as quickly as possible. Therefore, it was uncertain whether the sampled material was an actual Jeb/Sue tailings layer. When checking the elevation of the Jeb/Sue and "Old" Cigar contact at TMF23-07, it appeared that the elevation reached during sampling was below the contact of the Jeb/Sue and "Old" Cigar tailings identified at TMF23-07 as 421.8 masl.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3 to Figure 9: Present an overview of the sampling activities.
- Figure 10: Presents an illustration of the wind gusts on the drill casing.
- Figure 11: Provides a photo showing a storage overview of the collected Shelby tube samples.
- Figure 12: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 13: Provides a drilling summary.
- Figure 14: Provides a schematic of drilling information for TMF24-09.

Plan for tomorrow:

- Relocate to TMF24-13
- Drill and sample at TMF24-13

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
08:00	TMF24-10	TMF24-09	1.0	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-09	09:20	14:47	3.5	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-09	TMF24-09-SA01	430.0	5.7	96	<ul style="list-style-type: none"> ■ Casing fell (was lowered) to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 380 kPa.
TMF24-09	TMF24-09-SA02	428.5	7.2	97	<ul style="list-style-type: none"> ■ Casing fell (was lowered) to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 280 kPa.
TMF24-09	TMF24-09-SA03	425.0	10.7	97	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 3500 kPa. ■ The Shelby sampler's pump water pressure was approximately 500 kPa.
TMF24-09	TMF24-09-SA04	422.0	13.7	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 500 kPa.
TMF24-09	TMF24-09-SA05	415.9	19.8	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 3500 kPa. ■ The Shelby sampler's pump water pressure was approximately 860 kPa.

¹ Sample elevation reported is the top of the Shelby sampler.

² Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³ Calculated based on 2 ft (0.61 m) maximum penetration.

⁴ The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

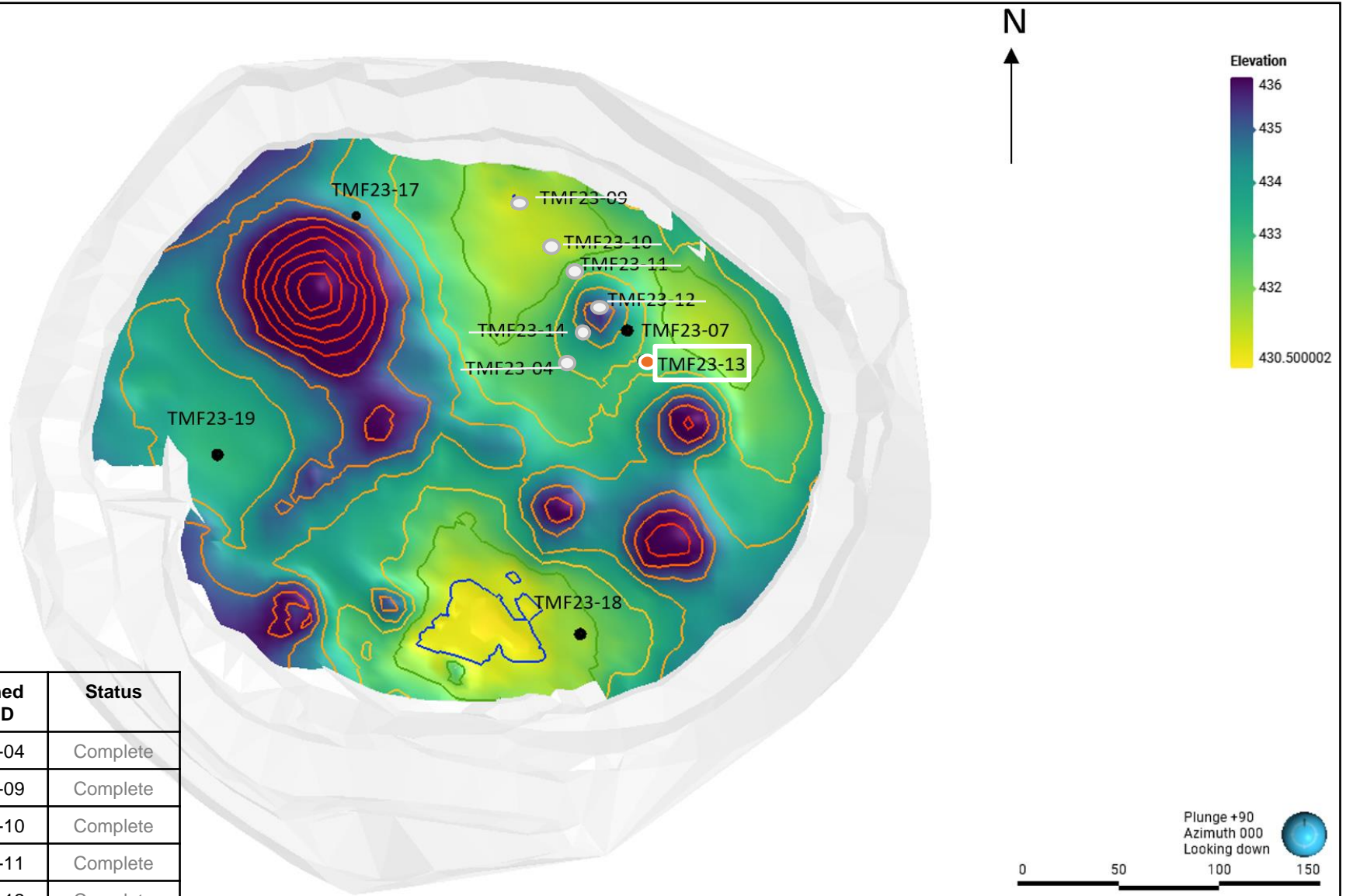
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	-	Planned
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 26, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling	
Job No: CAPR003271		TMF Overview	
McClean Lake		Date: June 26, 2024	Approved: AN
		Figure: 2	



Photo 3: TMF24-09-SA01 prior to sealing with wax.



Photo 4: TMF24-09-SA01 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-09-SA01		
		Date: June 26, 2024	Approved: AN	Figure: 3



Photo 4: TMF24-09-SA02 prior to sealing with wax.



Photo 5: TMF24-09-SA02 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-09-SA02		
		Date: June 26, 2024	Approved: AN	Figure: 4



Photo 6: TMF24-09-SA03 prior to sealing with wax.



Photo 7: TMF24-09-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-09-SA03		
		Date: June 26, 2024	Approved: AN	Figure: 5

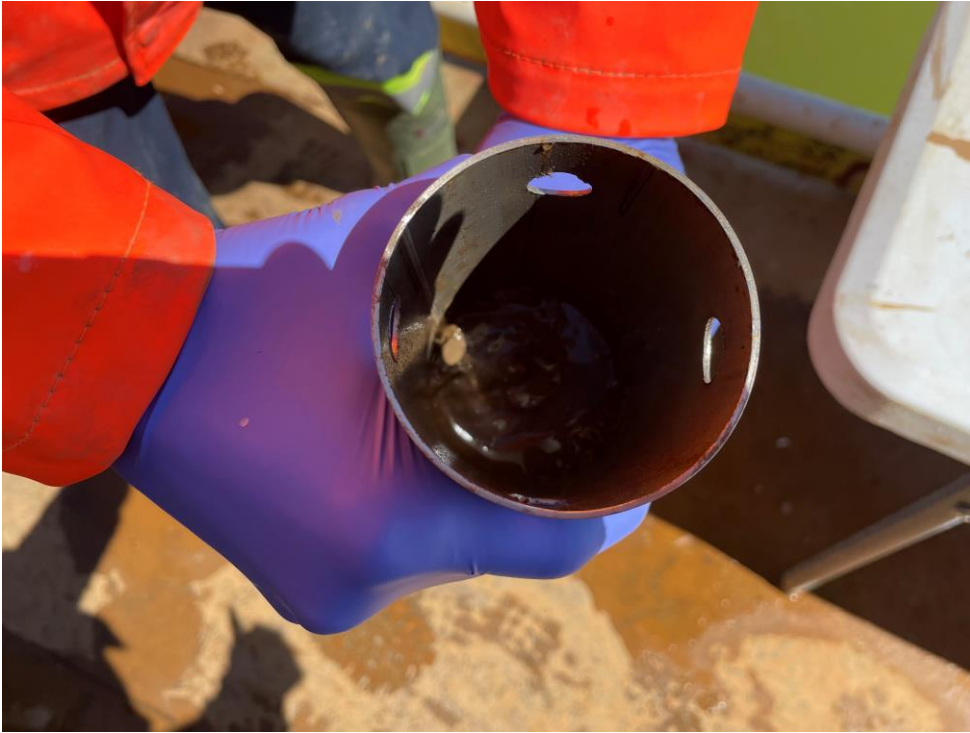


Photo 8: TMF24-09-SA04 prior to sealing with wax.



Photo 9: TMF24-09-SA04 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-09-SA04		
Job No: CAPR003271	McClellan Lake	Date: June 26, 2024	Approved: AN	Figure: 6



Photo 10: Split Spoon (2-ft SPT) sample at expected "Old" Tailings and Jeb/Sue contact ("Old" Cigar tailings identified) at TMF24-09.



Photo 11: Split Spoon sample at expected "Old" Tailings and Jeb/Sue contact (A closer look at material potentially appearing as "Old" Cigar tailings) at TMF24-09

		TOVP 2024 Geotechnical Drilling		
		First 2-ft Split Spoon Sample TMF24-09		
Job No: CAPR003271	McClellan Lake	Date: June 26, 2024	Approved: AN	Figure: 7



Photo 12: Split Spoon (2-ft SPT) sample at 5 ft below the expected "Old" Tailings and Jeb/Sue contact at TMF24-09. The material appeared as "Old" Cigar tailings.



Photo 13: Split Spoon sample at 5 ft below the expected "Old" Tailings and Jeb/Sue contact (A closer look) at TMF24-09.

 **srk consulting**

Job No: CAPR003271

 **orano**

McClellan Lake

TOVP 2024 Geotechnical Drilling

**Second 2-ft Split Spoon Sample
TMF24-09**

Date:
June 26, 2024

Approved:
AN

Figure:
8



Photo 14: TMF24-09-SA05 prior to sealing with wax.



Photo 15: TMF24-09-SA05 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-09-SA05		
		Date: June 26, 2024	Approved: AN	Figure: 9



Photo 16: The drill casing angled under the barge as increasing wind gusts became present.



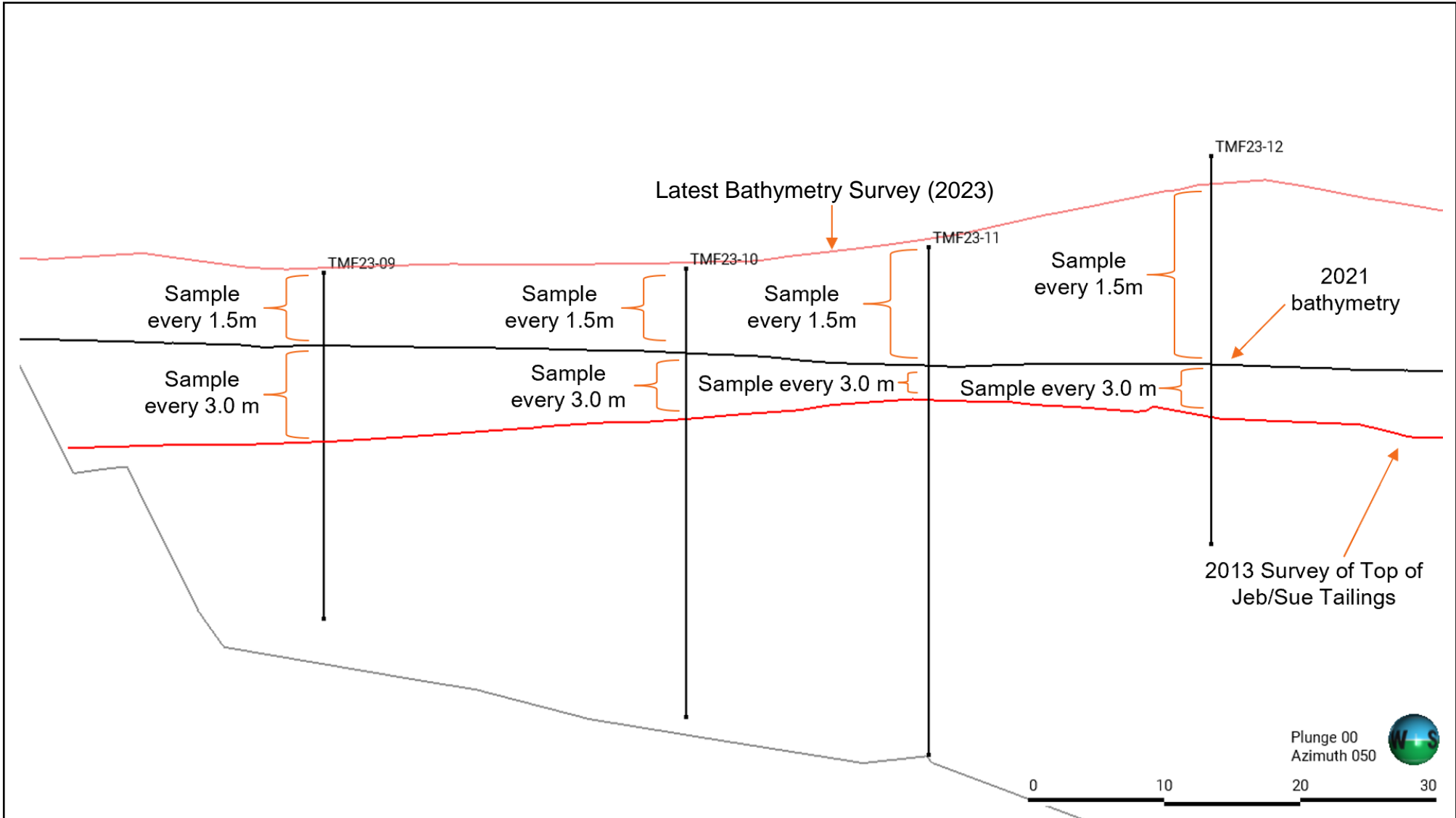
Photo 17: The drill casing angled as it is being pulled after collecting the last sample..

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Drill Casing Movement With Wind		
		Date: June 26, 2024	Approved: AN	Figure: 10



Photo 18: Storage of the shelly tube samples at the SHEQ trailer.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample Storage		
Job No: CAPR003271	McClellan Lake	Date: June 26, 2024	Approved: AN	Figure: 11



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

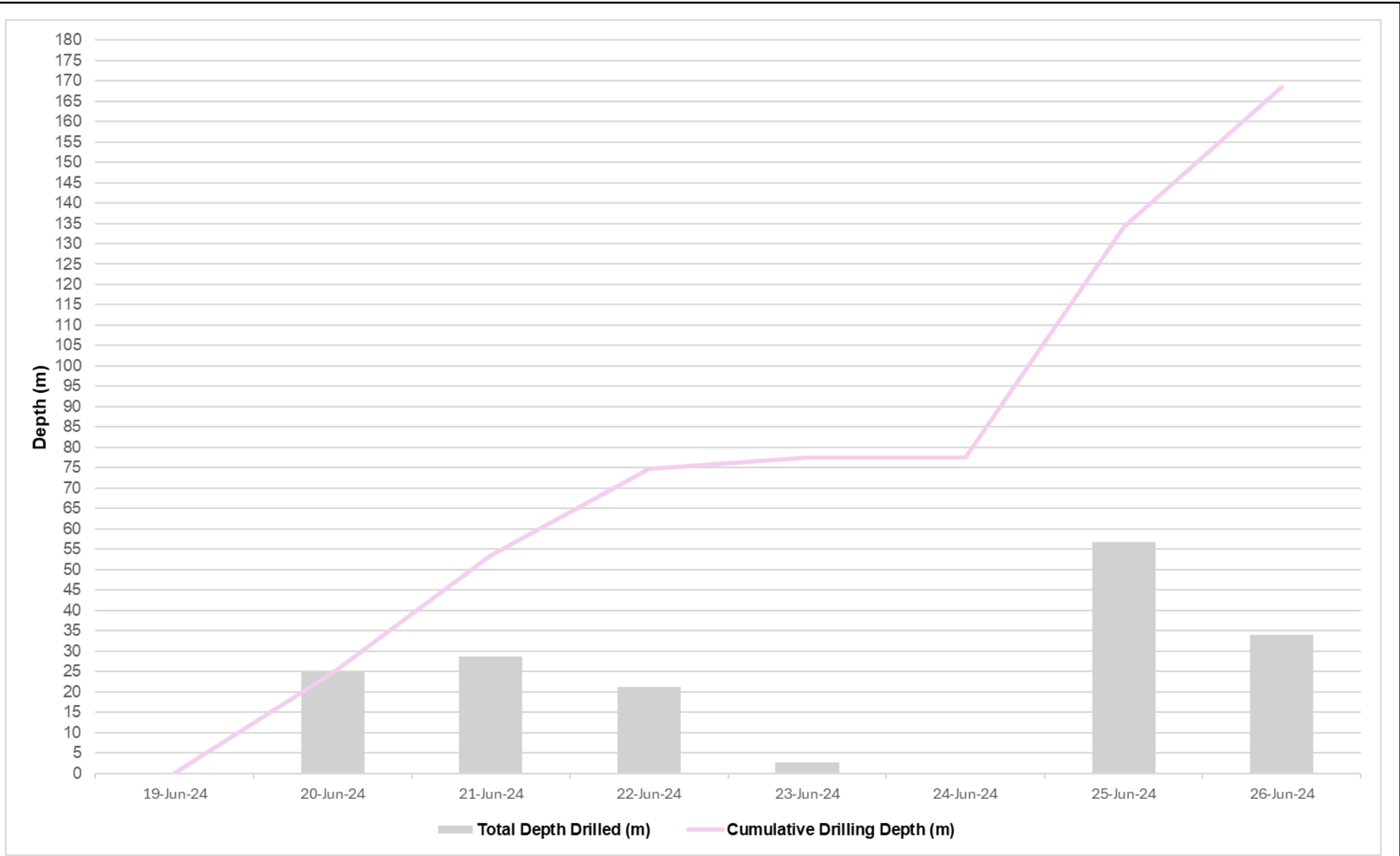
Job No: CAPR003271

McClellan Lake

Date:
June 26, 2024

Approved:
AN

Figure:
12




Job No: CAPR003271



McClellan Lake

TOVP 2024 Geotechnical Drilling

Drilling Summary

Date: June 26, 2024	Approved: AN	Figure: 13
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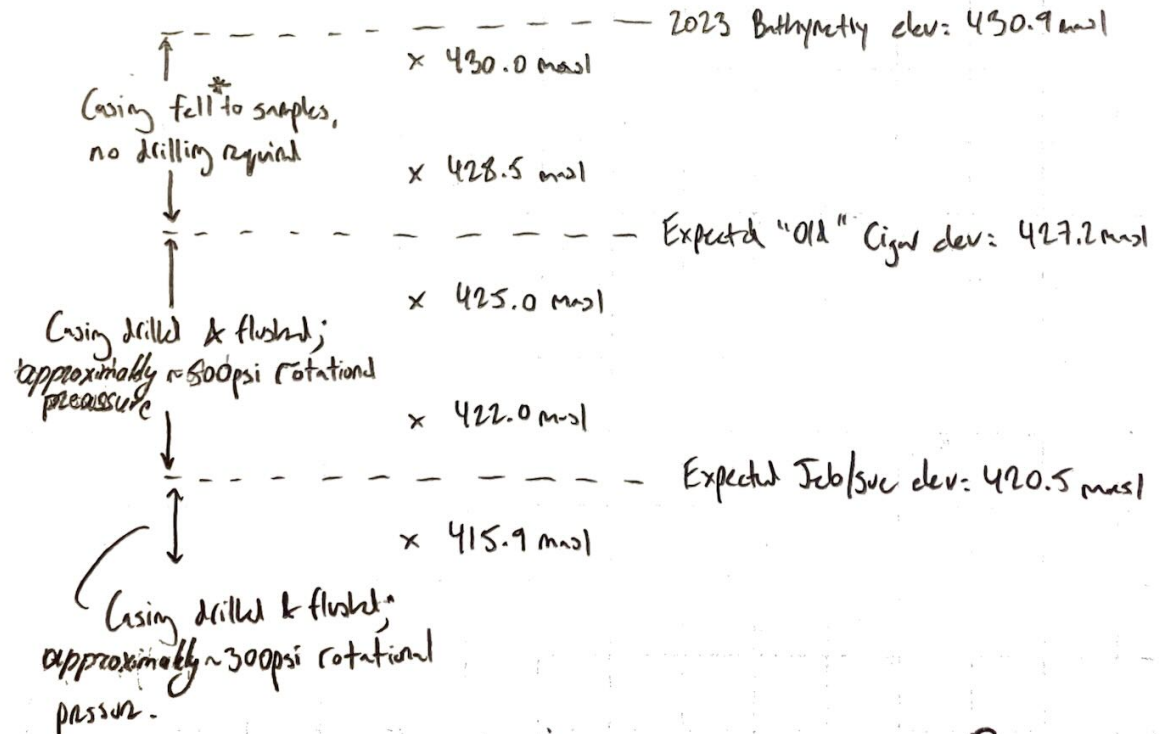
TMF24-09

Figure 14

————— Battery elev: 449.962 masl









- - - - - Water elev: 449.241 masl

————— Measured tailings elev: 435.739 masl



* Fell = lowered with rate controlled by a driller (lever). No rotation.

SRK Daily Report 009 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 27, 2024		Project Number:	CAPR003271			
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes	
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Overcast / Rain Afternoon: Sunny / Rain Wind: 4-16 (gusts 31 km/hr) Min : 4.7 °C Max : 13.0°C Comment: -			
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach						
				Four Day Outlook:			
				Fri 28 Jun	Sat 29 Jun	Sun 30 Jun	Mon 1 Jul
				 18°C Mainly sunny	 23°C Sunny	 25°C Sunny	 21°C Cloudy
				Night  6°C Clear	Night  6°C Clear	Night  11°C Clear	Night  15°C Cloudy

SAFETY

Safety Meetings:	Summary:
6:55 AM to 7:05 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ Upon arriving at the barge at approximately 07:20 in the morning, it was observed that the barge had drifted approximately 30 meters overnight from the spot where it had been anchored the previous day, despite all anchors being set. ■ From 07:30 to 09:45, efforts were made to move the barge from TMF24-09 to TMF24-13. However, strong wind gusts and a lack of anchors forced the crew to temporarily stabilize the barge approximately 50 meters from TMF24-13. It was decided to wait until the wind gusts subsided, as it was impossible to secure the barge at the intended location. Each time the barge approached the planned drilling location, it was pushed away by the wind before the first anchor could be dropped.

- At 14:12, SRK inspected five out of ten Claw/Bruce 33-lb (15.0 kg) anchors, each equipped with 150 feet (45.7 m) of 7/16 inch (11.1 mm) braided rope, delivered from Orano Cameco Corporation Transit Facility at 2910 Cleveland Avenue, Saskatoon, SK, S7K 0C6. It was discovered that the 8 feet (2.4 m) of galvanized chain was missing from the order. Consequently, the invoice was reviewed again to confirm that no charges were applied for the chain, and it appeared that it was not included in the order. Therefore, SRK, in collaboration with Orano, located the necessary chain in the warehouse and cut five 10-foot sections for the anchors. SRK contacted Pally Performance Products, who informed them that the chains were intended to be included in the second order. As a result, SRK cancelled the chain order for the anchors since the chains found in the warehouse sufficed.
- At 15:29, SRK assessed the five anchors with the chains and ropes at the TMF and left them for the next day.
- Upon assembly, gusting winds were noticed, making it difficult even to open the car door at the TMF. After the anchors were assembled and positioned next to the sea can by the TMF. Later SRK observed the wind trends on site, which were not improving.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3: Provides an overview of the TMF during wind gusts.
- Figure 4: Displays the new anchors assembled by SRK and left at the TMF overnight.
- Figure 5: Summarizes the drilling activities.

Plan for tomorrow:

- Relocate to TMF24-13
- Drill and sample at TMF24-13

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:30	TMF24-09	TMF24-13	2.3	Strong wind gusts.

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
N/A					

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
N/A					

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

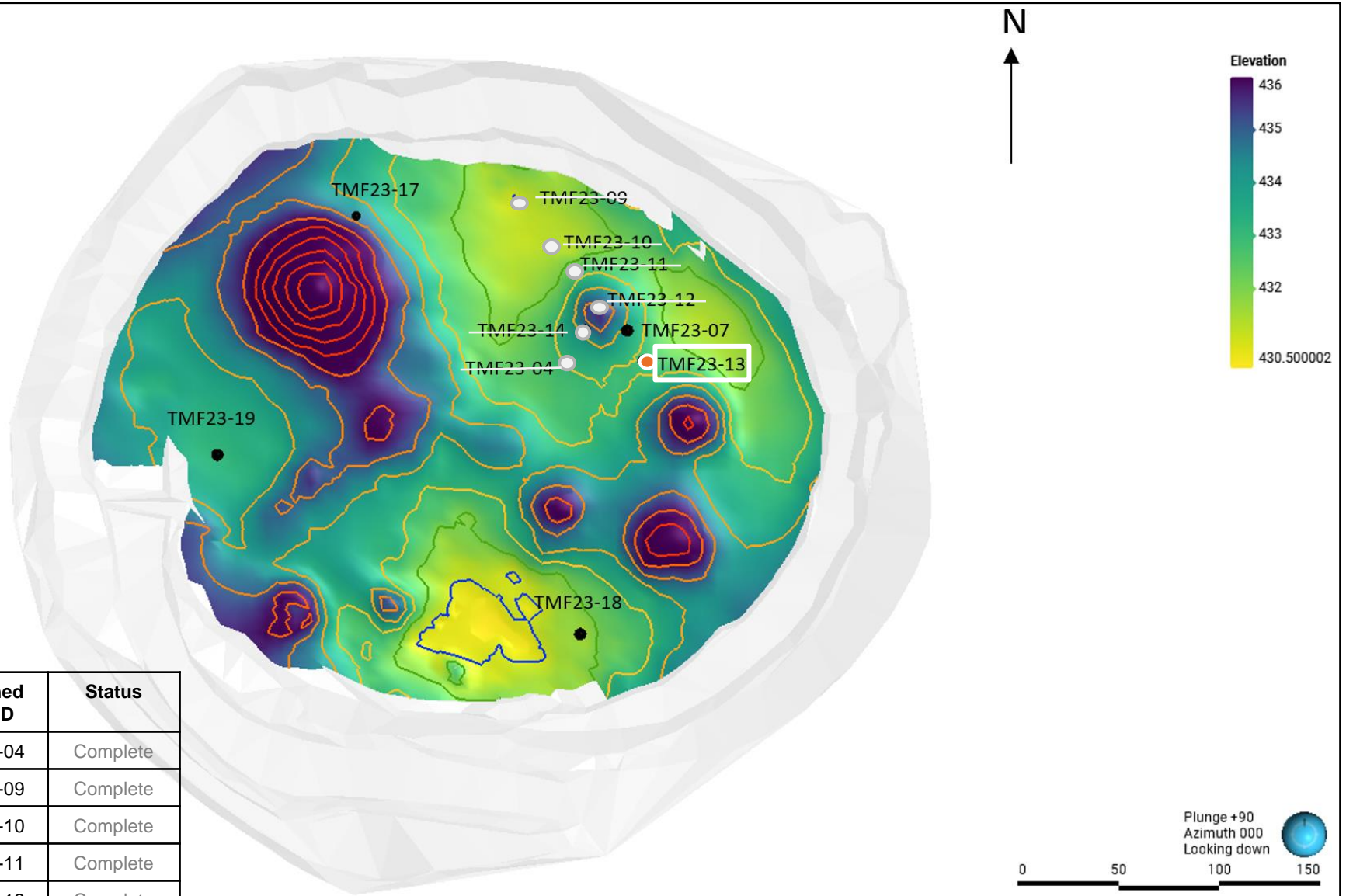
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis

Legend:

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	-	Planned
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 27, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Later afternoon overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 2



Photo 3: Wind gusts at the TMF causing rapid moving waves.



Photo 4: Waves in the TMF causing unstable moving and drilling conditions.

		TOVP 2024 Geotechnical Drilling		
		Wind Gusts at the TMF		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 3

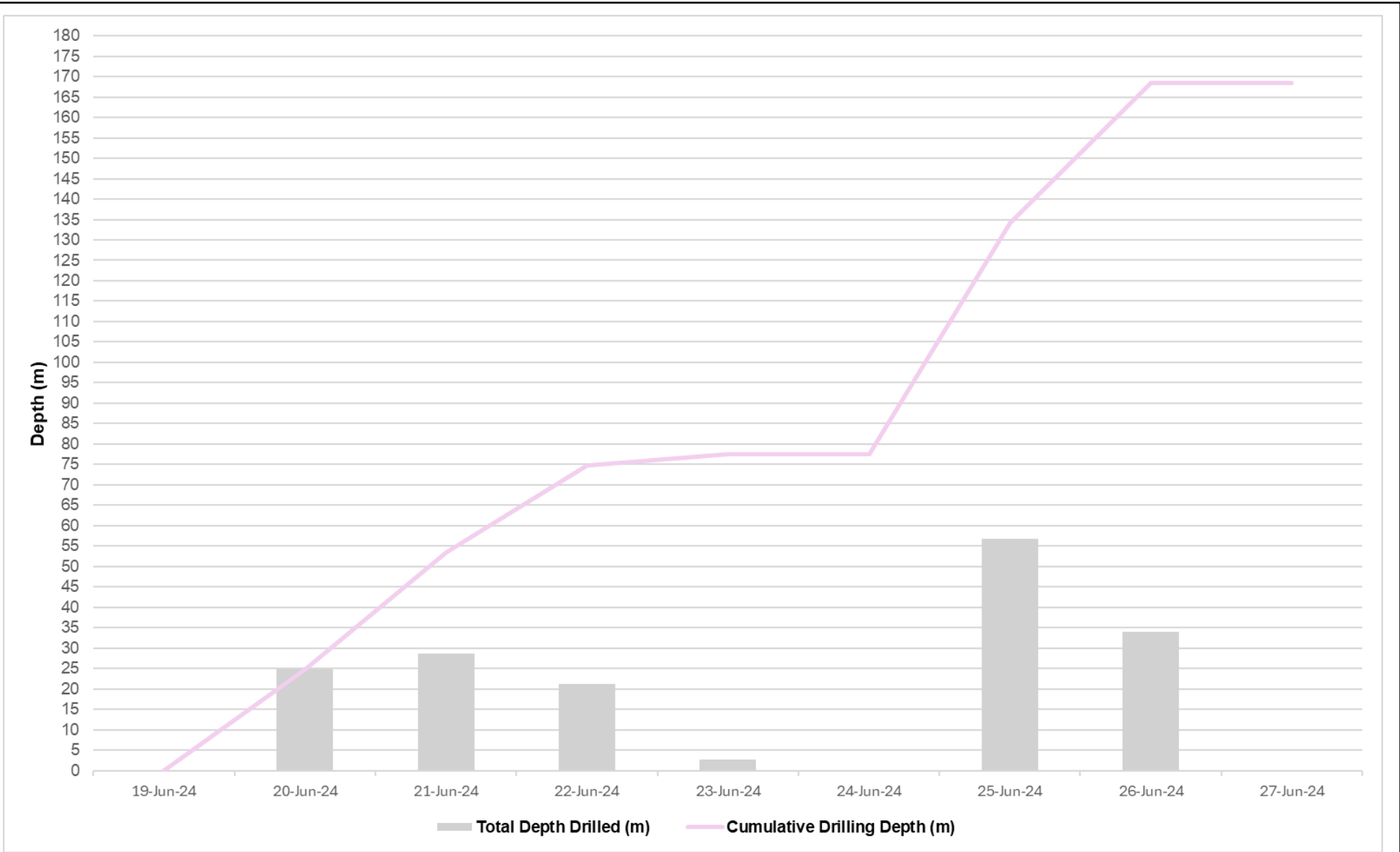


Photo 4: New anchor ropes prepared for drilling tomorrow.



Photo 5: New anchors with 10 ft of galvanized chain.

		TOVP 2024 Geotechnical Drilling		
		New Anchors		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 4




Job No: CAPR003271

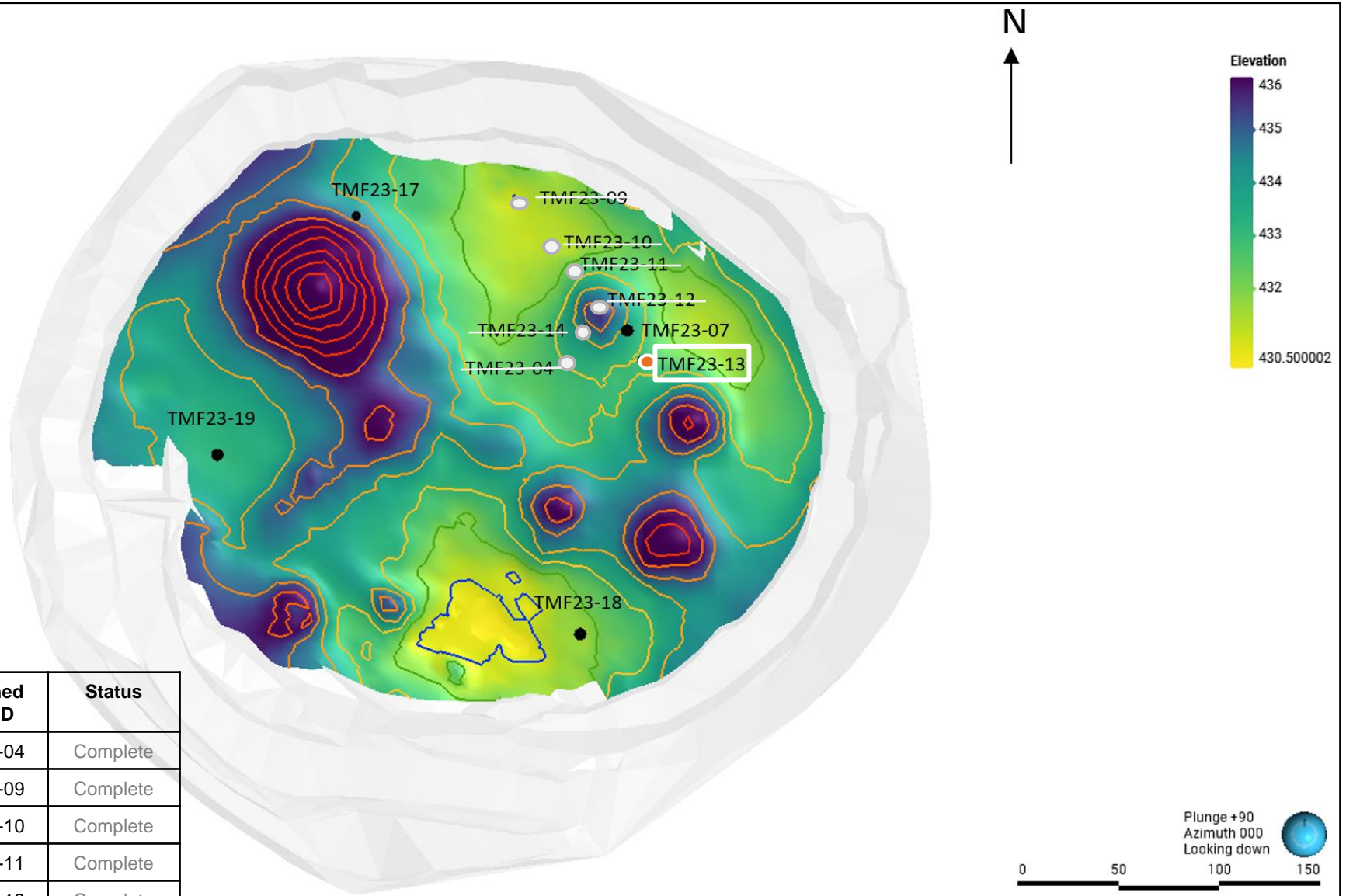


McClellan Lake

TOVP 2024 Geotechnical Drilling

Drilling Summary

Date: June 27, 2024	Approved: AN	Figure: 5
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Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	-	Planned
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Incomplete
TMF23-19	-	Incomplete



 Job No: CAPR003271



 McClean Lake

TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

 Date: June 27, 2024 Approved: AN Figure: **1**



Photo 1: Morning overview of the TMF.



Photo 2: Later afternoon overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 2



Photo 3: Wind gusts at the TMF causing rapid moving waves.



Photo 4: Waves in the TMF causing unstable moving and drilling conditions.

		TOVP 2024 Geotechnical Drilling		
		Wind Gusts at the TMF		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 3

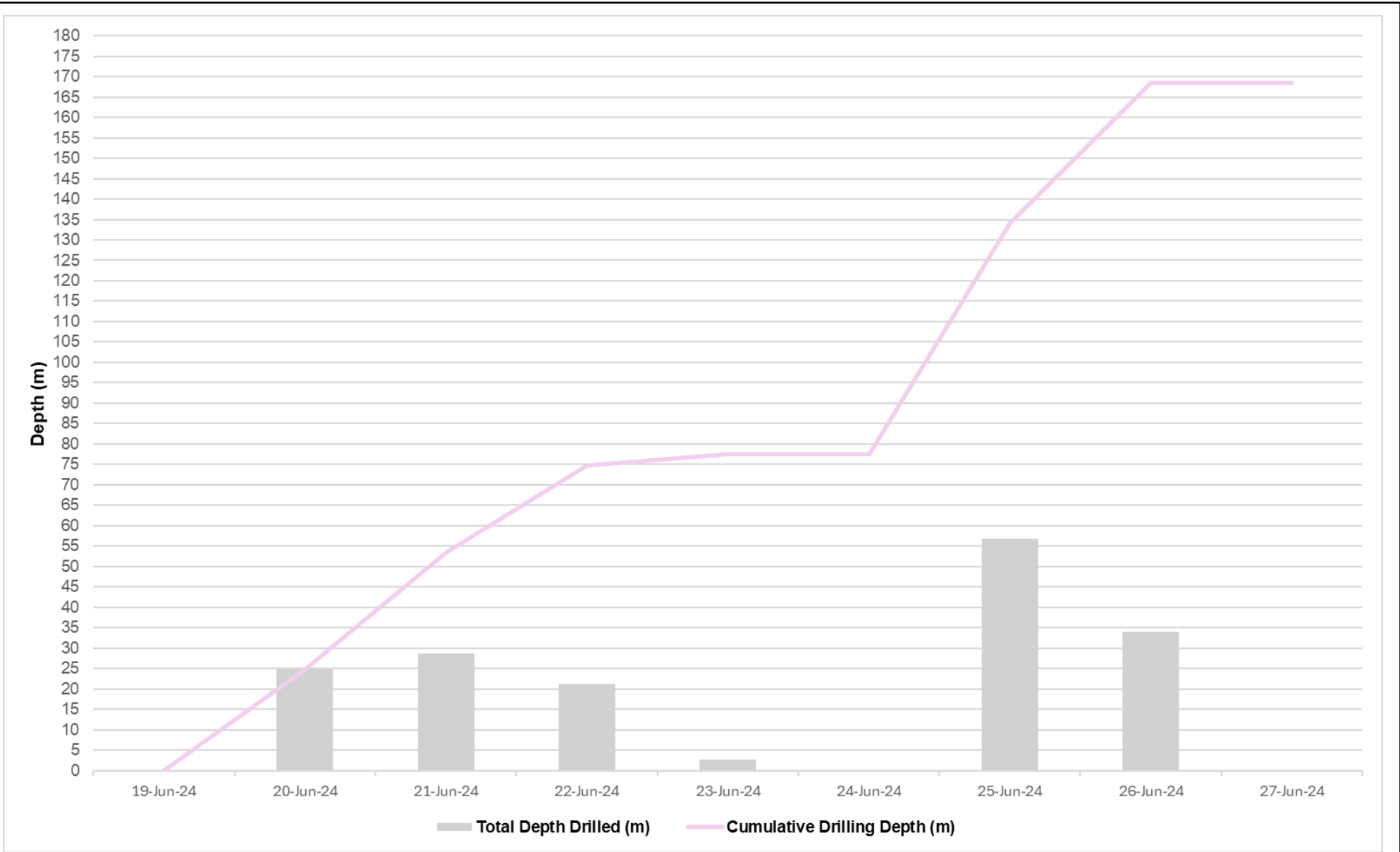


Photo 4: New anchor ropes prepared for drilling tomorrow.



Photo 5: New anchors with 10 ft of galvanized chain.

		TOVP 2024 Geotechnical Drilling		
		New Anchors		
Job No: CAPR003271	McClellan Lake	Date: June 27, 2024	Approved: AN	Figure: 4



TOVP 2024 Geotechnical Drilling

Drilling Summary

Job No: CAPR003271

























McClellan Lake

Date:
June 27, 2024

Approved:
AN

Figure: **5**

SRK Daily Report 010 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 28, 2024	Project Number:	CAPR003271														
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes												
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 0-11 km/hr Min : -0.4 °C Max : 17.4°C Comment: -													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach																
Four Day Outlook:																	
<table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td>Sat 29 Jun</td> <td>Sun 30 Jun</td> <td>Mon 1 Jul</td> <td>Tue 2 Jul</td> </tr> <tr> <td> 23°C Mainly sunny</td> <td> 24°C Sunny</td> <td> 25°C Sunny</td> <td> 27°C Sunny</td> </tr> <tr> <td> 6°C Clear</td> <td> 8°C Clear</td> <td> 10°C Clear</td> <td> 9°C Cloudy periods</td> </tr> </table>						Sat 29 Jun	Sun 30 Jun	Mon 1 Jul	Tue 2 Jul	 23°C Mainly sunny	 24°C Sunny	 25°C Sunny	 27°C Sunny	 6°C Clear	 8°C Clear	 10°C Clear	 9°C Cloudy periods
Sat 29 Jun	Sun 30 Jun	Mon 1 Jul	Tue 2 Jul														
 23°C Mainly sunny	 24°C Sunny	 25°C Sunny	 27°C Sunny														
 6°C Clear	 8°C Clear	 10°C Clear	 9°C Cloudy periods														

SAFETY

Safety Meetings:	Summary:
6:55 AM to 7:05 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). Please, refer to Figure 14. ■ Took the support boat to the barge at 07:15. ■ Began moving towards the TMF23-13 location at 07:20 and completed the move at 08:20. ■ Recorded the daily water level at 449.205 meters above sea level (masl).

- **TMF24-13 As Built Coordinates: 5390.567E, 11234.257N.** The elevation of the barge deck is 449.950 masl.

- Started drilling at TMF24-13 (renamed from TMF23 after starting drilling) at 08:35.

- The barge moved to the TMF23-07 location at 16:30 and completed the move at 18:00.

- **Sampling Timeline:**

- TMF24-13-SA01 sampled at 09:10,

- TMF24-13-SA02 sampled at 10:20,

- TMF24-13-SA03 sampled at 10:40,

- TMF24-13-SA04 sampled at 11:10,

- TMF24-13-SA05 sampled at 11:30,

- TMF24-13-SA06 sampled at 12:20,

- TMF24-13-SA07 sampled at 15:06,

- TMF24-13-SA08 sampled at 15:55.

- **Sampling Notes:**

- During the sampling of the "New" Cigar tailings, the material was found to be very loose and soft, allowing the casing to penetrate without the need for drilling or washing. To minimize sample disturbance, the Shelby tube was pushed to the correct starting sampling elevation without washing out the casing. The material was very soft and saturated, causing the Shelby tube to "fall" to the sampling elevation on its own. This sampling approach and the behaviour of the materials encountered in these layers were similar to many previous drill hole locations completed to date. Hence, the same sampling approach was applied for all. Once denser and stiffer material was reached (the "Old" Cigar tailings), the casing was flushed with water while proceeding to the planned sampling elevation. The depths were also verified with a tape measure, even though the Shelby sampler continued to "fall" to the correct elevation at a rate determined by how far the driller pushed the lever, without any hindrance.

- During sampling at the initially planned elevation of TMF24-13-SA02 (430.5 masl), the sample fell out due to a potential loss of suction inside the Shelby tube. The Gus sampler was disassembled, and the seals were repaired between 09:30 and 10:00. Consequently, TMF24-13-SA02 was pushed 2 feet lower (at 429.9 masl) from the initially planned elevation of 430.5 masl.

- During the sampling of TMF24-13-SA07, light to dark brown material resembling beach sand was identified, indicating that the Jeb/Sue layer was reached at that elevation. This elevation exceeds the predicted Jeb/Sue, and "Old Cigar" tailings contact at 418.4 masl. Despite this, a 2-ft (0.61 m) split spoon sample was still collected for visual confirmation at the predicted contact elevation of 418.4 masl, where the same beach sand-like material was identified. Consequently, the Jeb/Sue tailings contact was determined to be at 420.0 masl (the start of the TMF24-13-SA07 sample). Another sample, TMF24-13-SA08, was obtained 5 ft (1.52 m) below the predicted contact elevation of the "Old Cigar" and Jeb/Sue tailings, and it also contained material resembling beach sand, reaffirming the presence of Jeb/Sue tailings. Additionally, in TMF23-07, the Jeb/Sue tailings were found at 421.8 masl based on the TOVP 2023, further confirming that sample TMF24-13-SA07 could potentially be a Jeb/Sue sample.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3, Figure 5 to Figure 12: Offer an overview of the sampling activities.
- Figure 4: Provides photos showing the replacement of the seal in the Gus sampler (Shelby Tube).
- Figure 13: Presents an overview of the Shelby sample storage locations.
- Figure 14: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 15: Provides a drilling summary.
- Figure 16: Illustrates a diagram of the Shelby tube sinking under its weight inside the casing.
- Figure 17: Provides a schematic of TMF24-13.

Plan for tomorrow:

- Relocate to TMF24-07
- Drill and sample at TMF24-07

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:20	TMF24-09	TMF24-13	1.0	-
16:30	TMF24-13	TMF24-07	1.5	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-13	08:35	16:20	7.0	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-13	TMF24-13-SA01	432.0	0.8	93	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 70 kPa.
TMF24-13	TMF24-13-SA02	429.9	2.3	91	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 140 kPa.
TMF24-13	TMF24-13-SA03	429.0	3.8	96	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-13	TMF24-13-SA04	427.5	5.3	97	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-13	TMF24-13-SA05	426.0	6.8	97	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-13	TMF24-13-SA06	423.0	9.8	97	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 690 kPa.
TMF24-13	TMF24-13-SA07	420.0	12.8	93	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-13	TMF24-13-SA08	416.9	15.9	86	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2800 kPa. ■ The Shelby sampler's pump water pressure was approximately 1400 kPa.

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

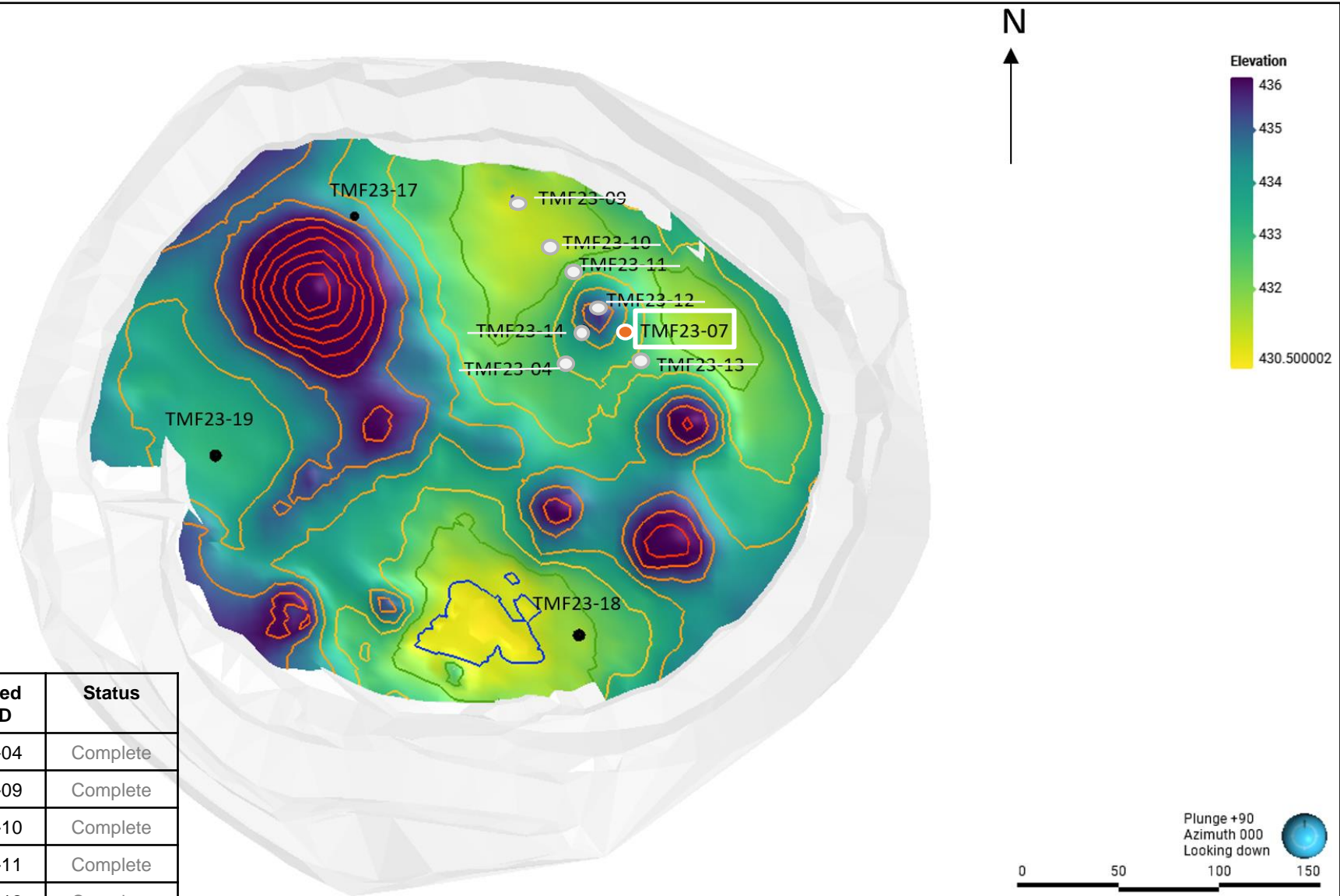
Tentative Updated Daily Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis
29/06/2024	TMF23-07	Segregation Analysis

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	TMF24-13	Complete
TMF23-14	TMF24-14	Complete
TMF23-17	-	Incomplete
TMF23-18	-	Incomplete
TMF23-07	-	Planned
TMF23-19	-	Incomplete



 Job No: CAPR003271



 McClean Lake

TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Date: June 28, 2024	Approved: AN	Figure: 1
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Photo 1: Morning overview of the TMF.



Photo 2: Later afternoon overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-13-SA01 prior to sealing with wax.



Photo 4: TMF24-13-SA01 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA01		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 3



Photo 4: The Shelby tube sampler taken apart .



Photo 5: Paddock Drilling replacing seals in the Gus sampler.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sampler Fixing		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 4



Photo 6: TMF24-13-SA02 prior to sealing with wax.



Photo 7: TMF24-13-SA02 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA02		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 5



Photo 8: TMF24-13-SA03 prior to sealing with wax.



Photo 9: TMF24-13-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA03		
		Date: June 28, 2024	Approved: AN	Figure: 6



Photo 10: TMF24-13-SA04 prior to sealing with wax.



Photo 11: TMF24-13-SA04 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA04		
		Date: June 28, 2024	Approved: AN	Figure: 7



Photo 12: TMF24-13-SA05 prior to sealing with wax.



Photo 13: TMF24-13-SA05 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA05		
		Date: June 28, 2024	Approved: AN	Figure: 8



Photo 14: TMF24-13-SA06 after sealing with wax.



Photo 15: TMF24-13-SA06 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA06		
		Date: June 28, 2024	Approved: AN	Figure: 9



Photo 16: TMF24-13-SA07 after sealing with wax.



Photo 17: TMF24-13-SA07 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA07		
		Date: June 28, 2024	Approved: AN	Figure: 10



Photo 18: 2-ft-Split Spoon (2-ft SPT) sample at expected “Old” Tailings and Jeb/Sue contact (“Old” Cigar tailings identified) at TMF24-13. Appears as brown beach sand.



Photo 19: 2-ft Split Spoon sample at expected “Old” Tailings and Jeb/Sue contact (A closer look at material appearing as Jeb/Sue tailings) at TMF24-13. Appears as brown beach sand

		TOVP 2024 Geotechnical Drilling		
		2-ft Split Spoon Sample at TMF24-13		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 11



Photo 20: TMF24-13-SA08 prior to sealing with wax.



Photo 21: TMF24-13-SA08 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-13-SA08		
		Date: June 28, 2024	Approved: AN	Figure: 12

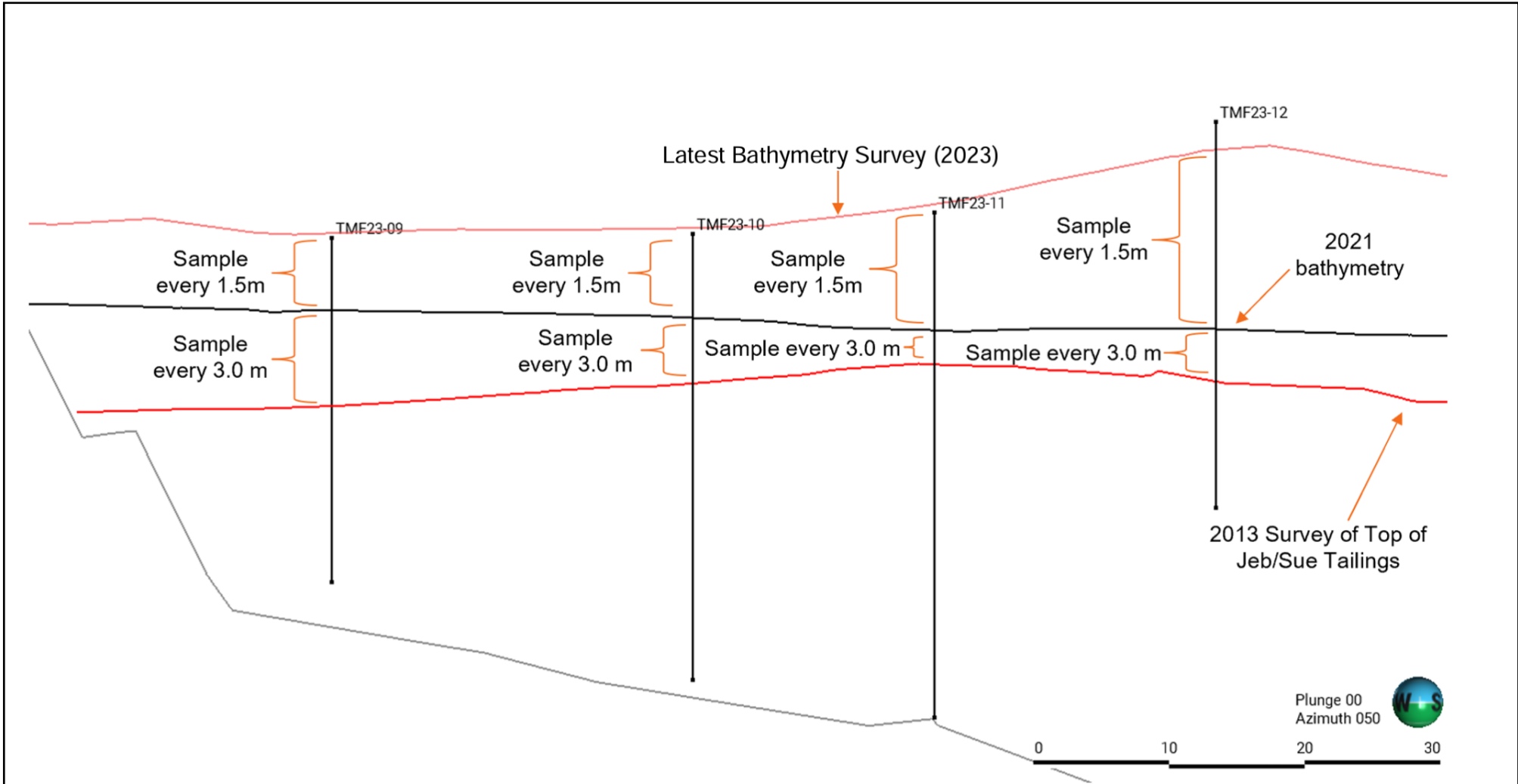


Photo 22: The Shelby samples stored by the SHEQ trailer.



Photo 23: The Shelby samples stored and covered by the SHEQ trailer..

		TOVP 2024 Geotechnical Drilling		
		Shelby Sample Storage		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 13



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Plan

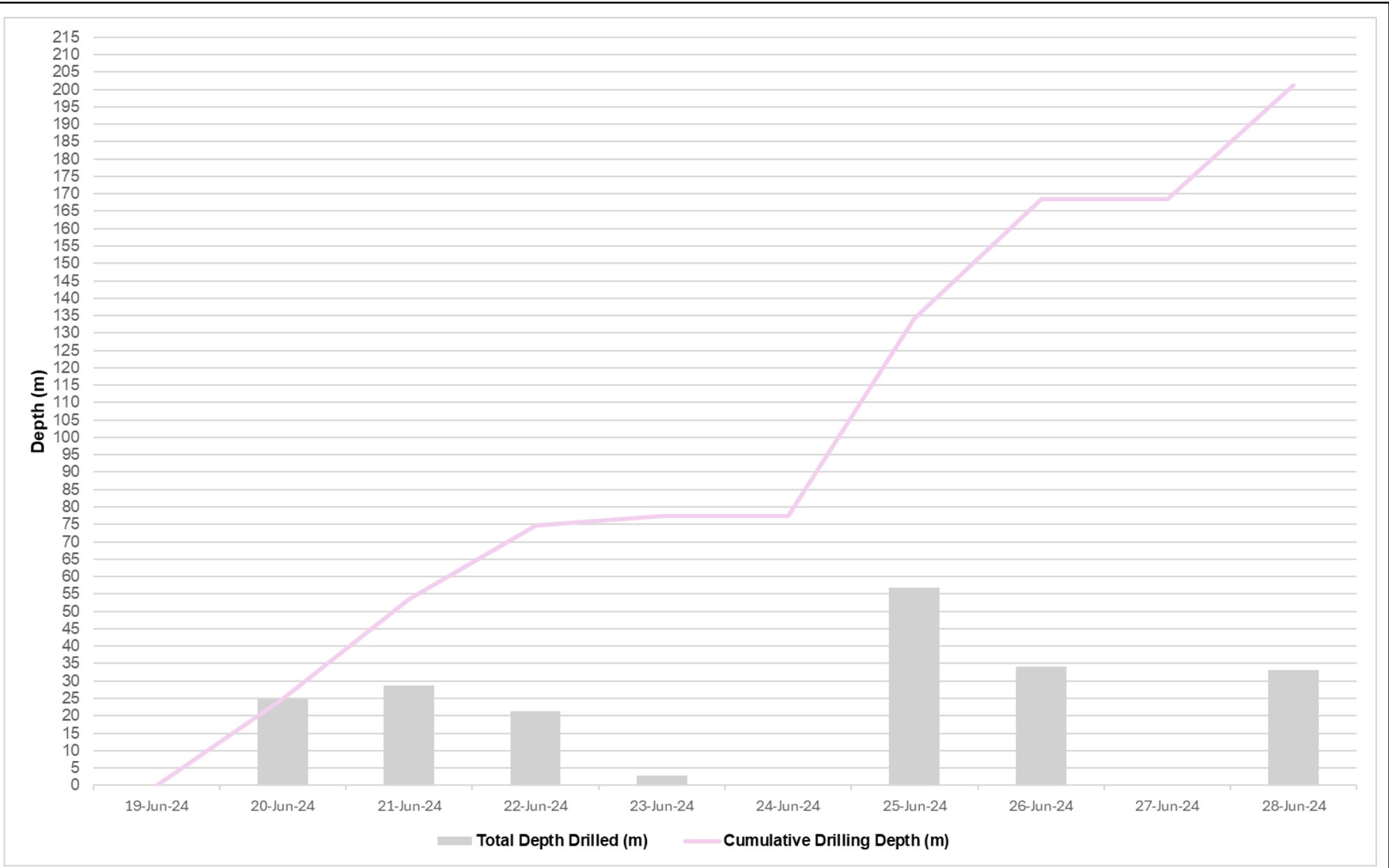
Job No: CAPR003271

McClellan Lake

Date:
June 28, 2024

Approved:
AN

Figure:
14



TOVP 2024 Geotechnical Drilling

Drilling Summary

Job No: CAPR003271

McClellan Lake

Date:
June 28, 2024

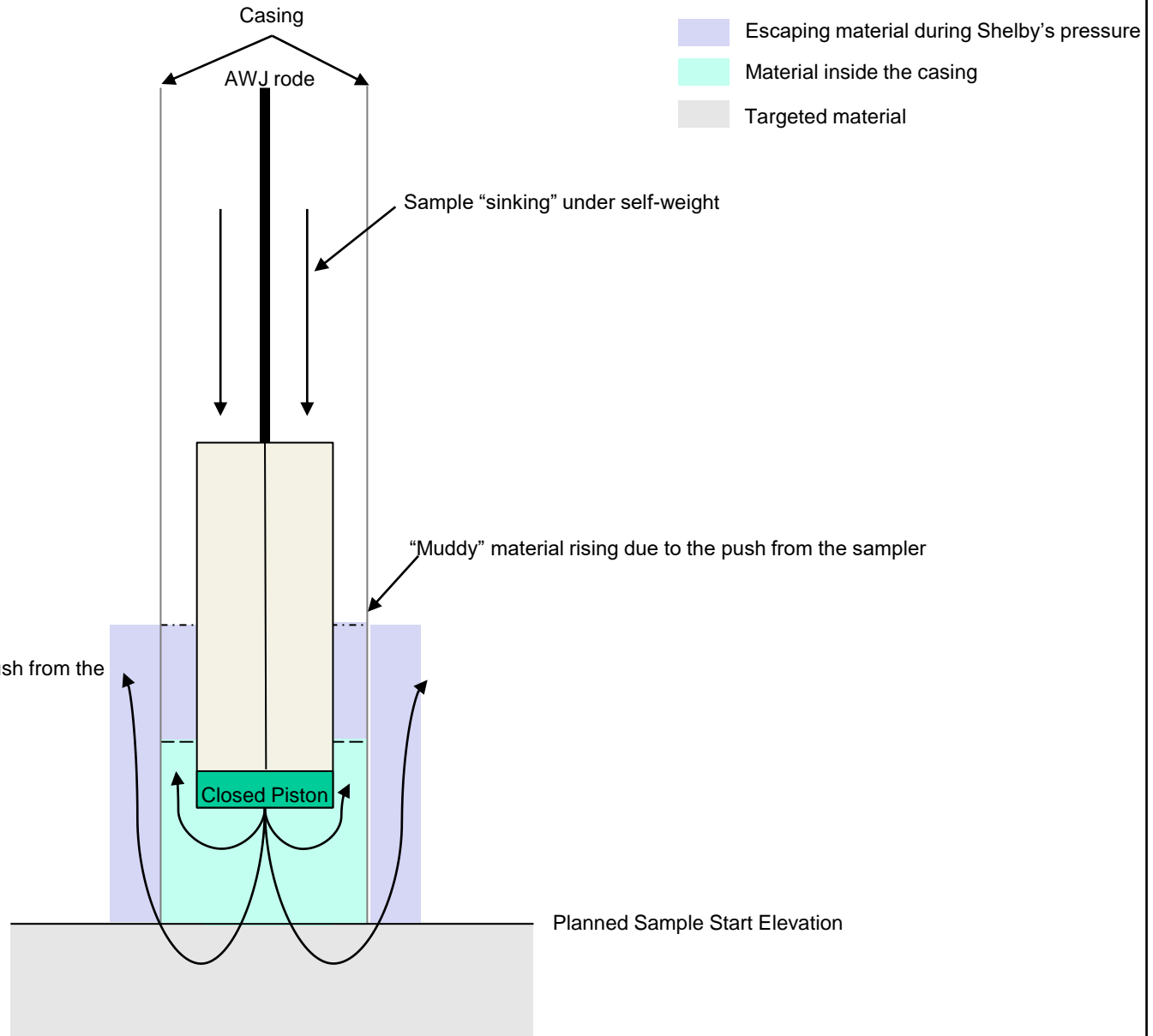
Approved:
AN

Figure:
15

Notes:

- ❑ The material was found to be very loose, soft, and "muddy." Consequently, as the sampler descends to the correct elevation, it is suspected that the material escapes in the same manner as it was pushed by the water pressure (or any applied pressure) from above.
- ❑ After collecting the target material into the Shelby tube, the material at the top of the tube remained loose and soft, suggesting that it was not subjected to pressure from above.
- ❑ Whenever water pressure was applied under similar circumstances, the pump pressure remained at 0 kPa.

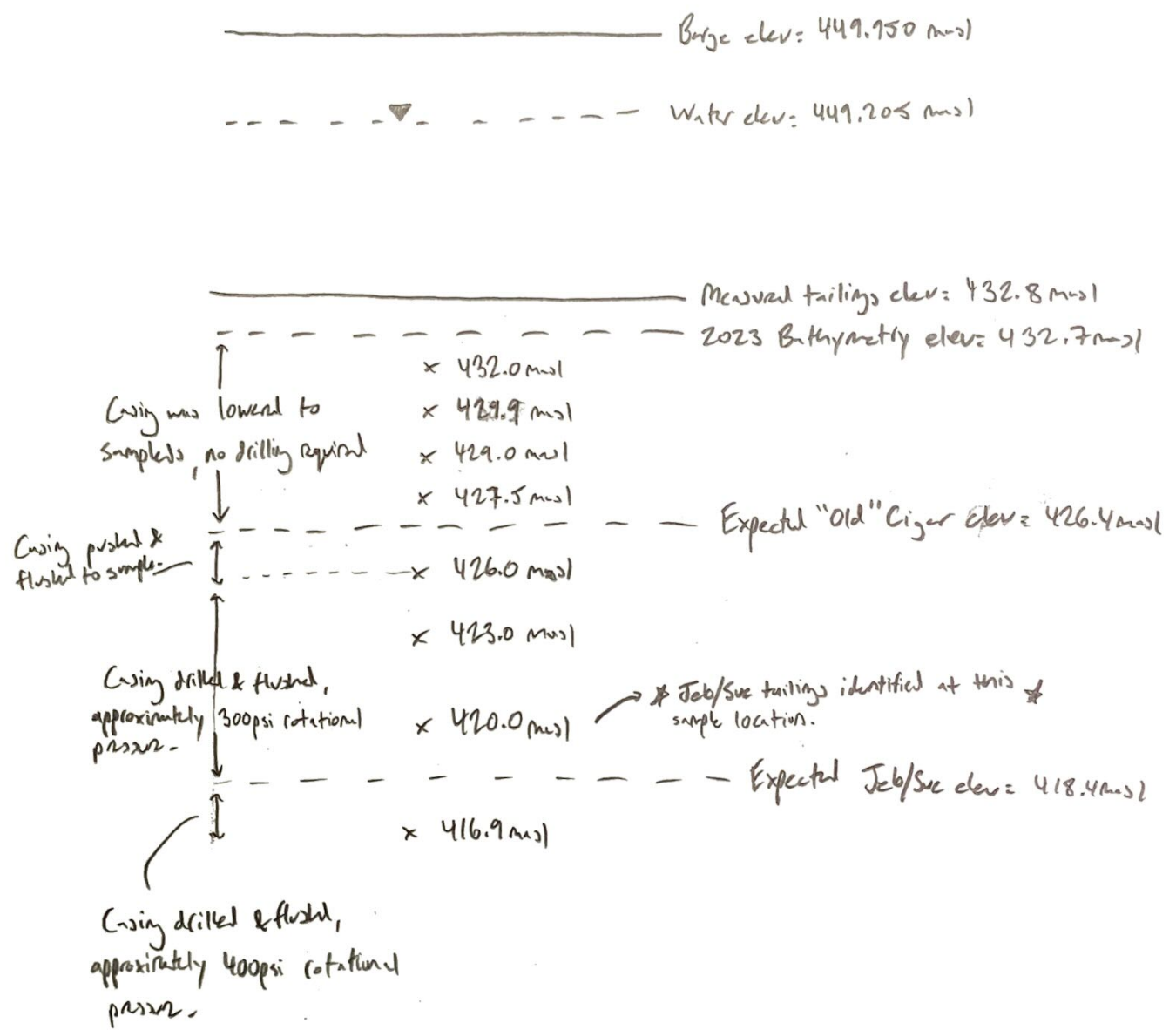
The extra material in the casing escaping due to the push from the sampler











		TOVP 2024 Geotechnical Drilling		
		Soft / Loose Material Sampling		
Job No: CAPR003271	McClellan Lake	Date: June 28, 2024	Approved: AN	Figure: 16

Figure: 17

TMF24-13



SRK Daily Report 011 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 29, 2024	Project Number:	CAPR003271				
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes		
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 3-13 km/hr Min : 6.6°C Max : 23.9°C Comment: -			
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach						
				Four Day Outlook:			
				Sun 30 Jun	Mon 1 Jul	Tue 2 Jul	Wed 3 Jul
				 25°C Mainly sunny	 25°C Sunny	 25°C Sunny	 18°C A mix of sun and cloud
				Night  13°C A few clouds	Night  11°C Cloudy periods	Night  12°C Clear	Night  10°C Clear

SAFETY

Safety Meetings:	Summary:
6:55 AM to 7:00 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. No unidentified hazards were identified. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ In this report, the term "Old" Cigar Lake tailings layer refers to the tailings situated below the bathymetric survey conducted in 2021 and above the one completed in 2013 for the Jeb/Sue tailings. The "New" Cigar Lake tailings layer pertains to the tailings deposited between the 2021 and 2023 bathymetric surveys. The "Fresh" tailings layer denotes the tailings deposited from the time of drilling up to the 2023 bathymetric survey (i.e., the difference between the current elevation in the field and the 2023 elevation). ■ SRK and Paddock took the support boat to the barge at 07:30. ■ Recorded the daily water level at 449.205 meters above sea level (masl).

- **TMF24-07 As Built Coordinates: 5385.266E, 11252.601N.** The elevation of the barge deck is 449.919 masl.
- Commenced drilling at TMF24-07 (previously named TMF23 before drilling commenced) at 07:40.
- The barge was relocated from TMF24-07 to TMF24-18 between 14:30 and 16:00.
- The crew departed from the barge at 16:15.
- The new Shelby tubes were depleted during drilling. SRK retrieved older tubes from near the SHEQ trailer (stainless steel tubes from TOVP 2023) and examined them. These tubes were cleaned by SRK at the SHEQ trailer until 17:30.
- All locations for segregation analysis have been finalized.
- **Sampling Timeline:**
- TMF24-07-SA01 sampled at 08:15,
- TMF24-07-SA02 sampled at 08:35,
- TMF24-07-SA03 sampled at 08:55,
- TMF24-07-SA04 sampled at 09:16,
- TMF24-07-SA05A sampled at 09:42,
- TMF24-07-SA05B sampled at 10:03,
- TMF24-07-SA06 sampled at 10:31,
- TMF24-07-SA07 sampled at 11:02,
- TMF24-07-SA08 sampled at 11:45.

Sampling Notes:

- During the sampling of the "New" Cigar tailings, the material was found to be very loose and soft, allowing the casing to penetrate without the need for drilling or washing. To minimize sample disturbance, the Shelby tube was pushed to the correct starting sampling elevation without washing out the casing. The material was very soft and saturated, causing the Shelby tube to "fall" to the sampling elevation on its own. This sampling approach and the behaviour of the materials encountered in these layers were similar to many previous drill hole locations completed to date. Hence, the same sampling approach was applied for all. Once denser and stiffer material was reached, the casing was flushed with water while proceeding to the planned sampling elevation. The depths were also verified with a tape measure, even though the Shelby sampler continued to "fall" to the correct elevation at a rate determined by how far the driller pushed the lever, without any hindrance. However, the tape measure with a weight attached sank through the very soft/loose material, making it impossible to determine the depth accurately. For the detailed diagram, please, refer to Figure 16.
- The original sample TMF24-07-SA05 had low recovery and was subsequently assigned the ID TMF24-07-SA05A. As a result, another sample was collected 2 feet (0.61 m) below, designated as TMF24-07-SA05B. This new sample was taken approximately 0.4 m above the anticipated "Old" cigar boundary of 426.0 masl. Consequently, the top 0.4 m of TMF24-07-SA05B may represent the new cigar, while the bottom 20 cm could correspond to the "Old" cigar. Soil observations from

the Shelby sample supported this. Visual observations indicated that the top portion was sandy, similar to the layers above, and a chunk of highly plastic clayey material fell out from the bottom when the Shelby tube was pulled from the casing.

- Upon reaching the "Old" Cigar and Jeb/Sue tailings at 421.1 masl, a 2-foot (0.61 m) Split Spoon sample was collected to visually confirm the presence of the Jeb/Sue tailings. The sample indicated that the Jeb/Sue tailings were likely 0.46 m lower than expected.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and the Shelby samples storage locations.
- Figure 3 to Figure 13: Offer an overview of the sampling activities.
- Figure 14: Provides an example of a cross-section and the sampling plan for TOVP 2024, including a summary of the bathymetry surveys.
- Figure 15: Provides a drilling summary.
- Figure 16: Illustrates a diagram of the Shelby tube sinking under its weight inside the casing.
- Figure 17: Provides a schematic of TMF24-07.

Plan for tomorrow:

- Drill and sample at TMF24-18
- Relocate to TMF24-17

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
14:30	TMF24-07	TMF24-18	1.5	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-07	07:40	12:00	4.3	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-07	TMF24-07-SA01	433.0	0.3	84	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 170 kPa.
TMF24-07	TMF24-07-SA02	431.5	1.8	96	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 170 kPa.
TMF24-07	TMF24-07-SA03	430.0	3.3	96	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 350 kPa.
TMF24-07	TMF24-07-SA04	428.5	4.8	96	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 350 kPa.
TMF24-07	TMF24-07-SA05A	427.0	6.3	70	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-07	TMF24-07-SA05B	426.4	6.9	96	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 690 kPa.
TMF24-07	TMF24-07-SA06	425.0	8.3	98	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-07	TMF24-07-SA07	422.0	11.3	97	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 690 kPa.
TMF24-07	TMF24-07-SA08	419.6	13.7	99	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2800 kPa. ■ The Shelby sampler's pump water pressure was approximately 1050 kPa.

¹ Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey (“Fresh” tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule























Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis
29/06/2024	TMF23-07	Segregation Analysis
30/06/2024	TMF23-18	Permeability

Grey = Complete

Orange = Planned

Green = In-Progress

SRK Daily Report 012 – 2024 TOVP Geotechnical Drilling Supervision

Date:	June 30, 2024		Project Number:	CAPR003271															
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)		Yes Yes Yes													
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 5-18 km/hr (gusts up to 32 km/hr) Min : 7.5°C Max : 27.6°C Comment: -		Four Day Outlook:													
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach					<table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Mon 1 Jul</th> <th>Tue 2 Jul</th> <th>Wed 3 Jul</th> <th>Thu 4 Jul</th> </tr> </thead> <tbody> <tr> <td> 27°C 30% Chance of showers</td> <td> 27°C Sunny</td> <td> 20°C Sunny</td> <td> 25°C A mix of sun and cloud</td> </tr> <tr> <td> 14°C 30% Chance of showers</td> <td> 14°C Clear</td> <td> 11°C Cloudy periods</td> <td> 14°C Cloudy periods</td> </tr> </tbody> </table>				Mon 1 Jul	Tue 2 Jul	Wed 3 Jul	Thu 4 Jul	 27°C 30% Chance of showers	 27°C Sunny	 20°C Sunny	 25°C A mix of sun and cloud	 14°C 30% Chance of showers	 14°C Clear
Mon 1 Jul	Tue 2 Jul	Wed 3 Jul	Thu 4 Jul																
 27°C 30% Chance of showers	 27°C Sunny	 20°C Sunny	 25°C A mix of sun and cloud																
 14°C 30% Chance of showers	 14°C Clear	 11°C Cloudy periods	 14°C Cloudy periods																

SAFETY

Safety Meetings:	Summary:
6:50 AM to 7:00 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. A potential additional hazard identified is hot weather. Mitigation methods include using sunscreen, staying well-hydrated, and seeking cover from the sun. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ SRK and Paddock took the support boat to the barge at 07:10. ■ Anchors were adjusted to position the barge within 3 meters of TMF24-18 from 07:10 to 07:30. ■ The daily water level was recorded at 449.182 meters above sea level (masl). ■ TMF24-18 As Built Coordinates: 5372.606E, 11115.759N. The elevation of the barge deck is 449.934 masl. ■ The barge was moved from TMF24-18 to TMF24-17 from 13:20 to 14:30.
--

- **TMF24-17 As Built Coordinates: 5251.021E, 11305.895N.** The elevation of the barge deck is 449.907 masl.
- The barge was moved from TMF24-17 to TMF24-19 between 16:45 and 17:35, but the move was not fully completed.
- The crew departed the barge at 17:45.
- The estimated completion date for TOVP 2024 is July 1st, at 13:00. This estimate does not include the beaching of the barge and clean-up / inventory activities.
- Orano has rescheduled the flight from McClean Lake to Saskatoon for Tuesday, July 2nd, 2024.

Sampling Timeline:

- TMF24-18-SA01 sampled at 08:20,
- TMF24-18-SA02 sampled at 08:40,
- TMF24-18-SA03 sampled at 09:00,
- TMF24-18-SA04 sampled at 09:30,
- TMF24-18-SA05 sampled at 10:15,
- TMF24-17-SA01 sampled at 15:22,
- TMF24-17-SA02 sampled at 15:48,
- TMF24-17-SA03 sampled at 16:24.

Sampling Notes:

- During the sampling of the Cigar tailings in permeability location, some of the top material was found to be very loose and soft, allowing the casing to penetrate without the need for drilling or washing. To minimize sample disturbance, the Shelby tube was pushed to the correct starting sampling elevation without washing out the casing. The material was very soft and saturated, causing the Shelby tube to "fall" to the sampling elevation on its own. Once denser and stiffer material was reached, the casing was flushed with water while proceeding to the planned sampling elevation. The depths were also verified with a tape measure, even though the Shelby sampler continued to "fall" to the correct elevation even for some of the deeper samples at a rate determined by how far the driller pushed the lever, without any hindrance. For the detailed diagram, please, refer to Figure 13.
- The last Shelby sample in TMF24-18 (TMF24-18-SA05) contained fine material similar in colour to Jeb/Sue from other holes (very light brown), although it was difficult to identify with certainty. Additionally, it was located significantly (5.7 meters) below the estimated expected Jeb/Sue contact of 417.2 masl. This sample was very difficult to collect due to the very stiff material, with 1 foot (0.30 meters) of slough that needed to be cleaned up first. After extending the Shelby tube, it became stuck in the material and required several attempts with a rope from the drill to pull it from the ground inside the casing. Consequently, it was decided to take this as the final sample.
- SRK also verified the elevation of the Jeb Pit Shell below the proposed permeability locations using Leapfrog Geo 2023.2 to confirm the maximum allowable depth of drilling. For TMF24-18, the shell elevation was 389.3 masl; for TMF24-17, it was 418.0 masl; and for TMF24-19, it was 408.7 masl. The bottom of the last Shelby sample (TMF24-18-SA05) collected from TMF24-18 was 21.7 meters above the determined shell location.

- When approaching TMF24-17-SA02, the casing was lowered, resulting in a 7-foot (2.13 meters) slough. The casing was then washed out, and the slough was removed.
- For TMF24-17, due to the shallow Jeb Pit shell (starting at 418 masl) and the very thin estimated Jeb/Sue layer above the pit wall (expected to be 1.1 meters), it was decided to take only 3 Cigar samples and maintain a distance of 4.4 meters from the expected pit wall elevation as a conservative approach. Only three samples were taken from the Cigar tailings because there were only 3.3 meters of old Cigar material remaining after the last sample. The rest of the interval above the pit shell, measuring 1.1 meters, consisted of Jeb/Sue material, based on the office estimates. To maintain a safe distance of at least 3 meters from the Pit shell, a sample in estimated Jeb/Sue was not attempted. Additionally, the wind conditions were very unfavourable, causing the barge to sway. The last Cigar samples (TMF24-17-SA03) appeared as dark grey to dark green, non to low plastic fines with little poorly graded sand indicating this to be a potential Jeb/Sue sample rather than Cigar.

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3 to Figure 10: Offer an overview of the sampling activities.
- Figure 11: Provides a photo illustrating the storage of the Shelby tube samples.
- Figure 12: Provides a drilling summary.
- Figure 13: Illustrates a diagram of the Shelby tube sinking under its weight inside the casing.
- Figure 14: Provides a schematic of TMF24-18.
- Figure 15: Provides a schematic of TMF24-17.

Plan for tomorrow:

- Complete relocation to TMF24-19
- Drill at TMF24-19

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:10	TMF24-07	TMF24-18	0.3	-
13:20	TMF24-18	TMF24-17	1.2	-
16:45	TMF24-17	TMF24-19	0.8	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-18	08:00	10:40	2.7	Complete	-
TMF24-17	14:45	16:35	1.8	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-18	TMF24-18-SA01	430.0	3.7	97	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 200 kPa.
TMF24-18	TMF24-18-SA02	425.5	8.2	97	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-18	TMF24-18-SA03	421.0	12.7	100	<ul style="list-style-type: none"> ■ Casing was pushed and flushed, then drilled at 422.5 masl. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 350 kPa.
TMF24-18	TMF24-18-SA04	416.0	17.7	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2000 kPa. ■ The Shelby sampler's pump water pressure was approximately 690 kPa.
TMF24-18	TMF24-18-SA05	411.5	22.2	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2800 kPa. ■ The Shelby sampler's pump water pressure was approximately 1400 kPa.
TMF24-17	TMF24-17-SA01	432.0	2.3	97	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 170 kPa.

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment ⁴
TMF24-17	TMF24-17-SA02	427.5	6.8	96	<ul style="list-style-type: none"> ■ Casing was pushed and flushed. ■ The Shelby sampler's pump water pressure was approximately 450 kPa.
TMF24-17	TMF24-17-SA03	423.0	11.3	99	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 3500 kPa. ■ The Shelby sampler's pump water pressure was approximately 690 kPa.

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

⁴The description is derived from a non-contact visual inspection conducted from the top of the Shelby tube. Consequently, these descriptions may not fully describe the material.

Tentative Updated Daily Schedule

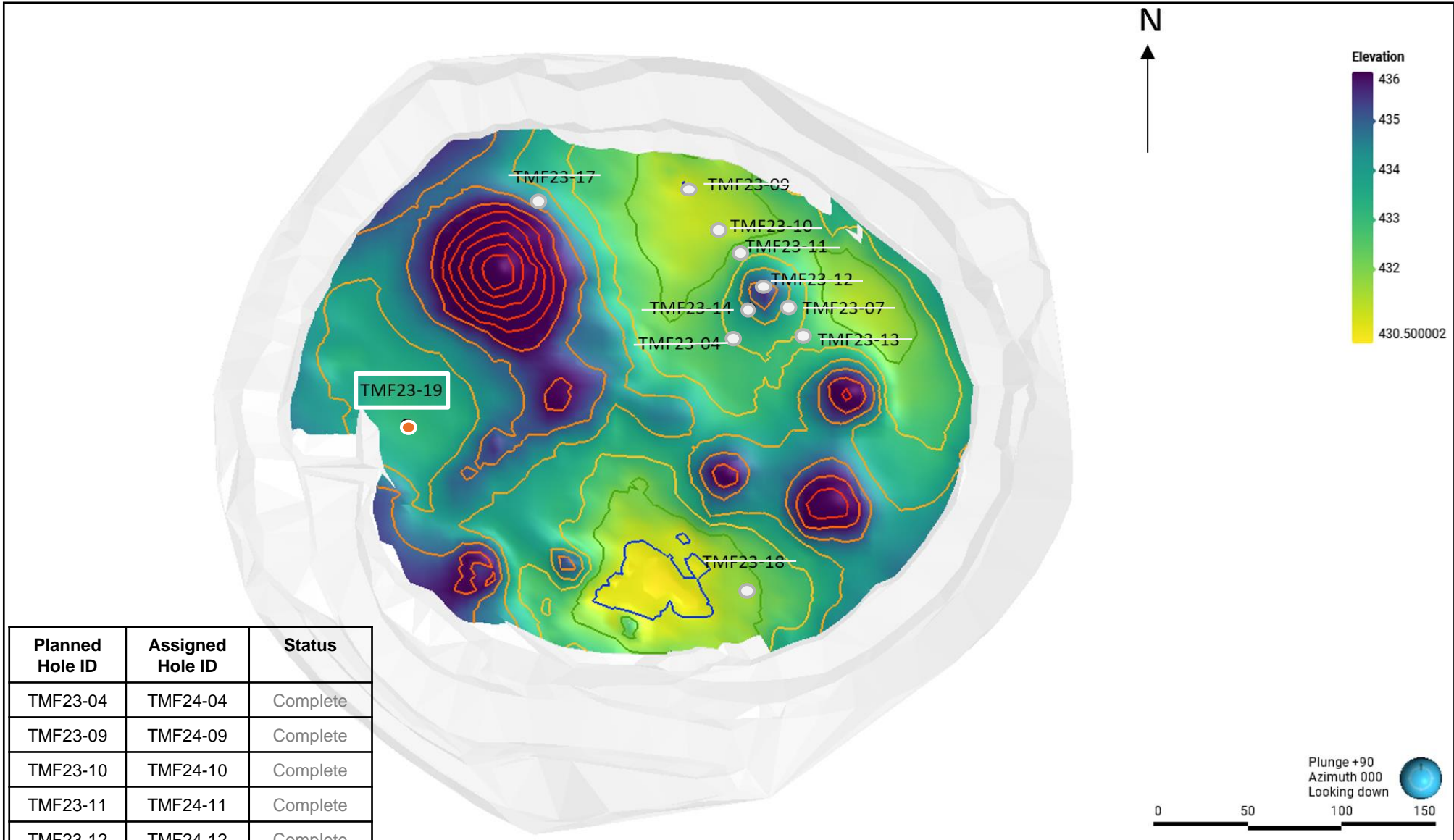
Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis

Date	Location ID	Purpose
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis
29/06/2024	TMF23-07	Segregation Analysis
30/06/2024	TMF23-18	Permeability
30/06/2024	TMF23-17	Permeability
01/07/2024	TMF23-19	Permeability

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	TMF24-13	Complete
TMF23-14	TMF24-14	Complete
TMF23-17	TMF24-17	Complete
TMF23-18	TMF24-18	Complete
TMF23-07	TMF24-07	Complete
TMF23-19	-	Planned



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
June 30, 2024

Approved:
AN

Figure:
1



Photo 1: Morning overview of the TMF.



Photo 2: Evening overview of the TMF.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: June 30, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-18-SA01 prior to sealing with wax.



Photo 4: TMF24-18-SA01 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling	
		Shelby Tube Sample TMF24-18-SA01	
		Date: June 30, 2024	Approved: AN
			Figure: 3



Photo 5: TMF24-18-SA02 prior to sealing with wax.



Photo 6: TMF24-18-SA02 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-18-SA02		
		Date: June 30, 2024	Approved: AN	Figure: 4



Photo 7: TMF24-18-SA03 prior to sealing with wax.



Photo 8: TMF24-18-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-18-SA03		
		Date: June 30, 2024	Approved: AN	Figure: 5



Photo 9: TMF24-18-SA04 prior to sealing with wax.



Photo 10: TMF24-18-SA04 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-18-SA04		
		Date: June 30, 2024	Approved: AN	Figure: 6



Photo 11: TMF24-18-SA05 prior to sealing with wax.



Photo 12: TMF24-18-SA05 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-18-SA05		
		Date: June 30, 2024	Approved: AN	Figure: 7



Photo 13: TMF24-17-SA01 after sealing with wax.

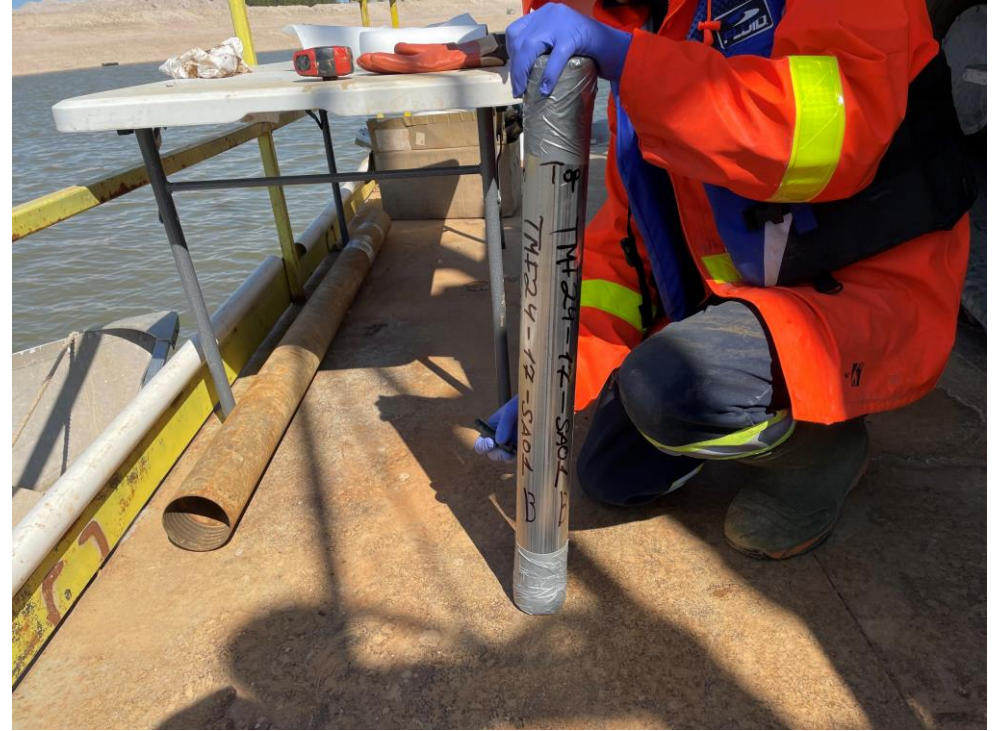


Photo 14: TMF24-17-SA01 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-17-SA01		
		Date: June 30, 2024	Approved: AN	Figure: 8



Photo 15: TMF24-17-SA02 prior to sealing with wax.



Photo 16: TMF24-17-SA02 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-17-SA02		
Job No: CAPR003271	McClellan Lake	Date: June 30, 2024	Approved: AN	Figure: 9



Photo 17: TMF24-17-SA03 prior to sealing with wax.

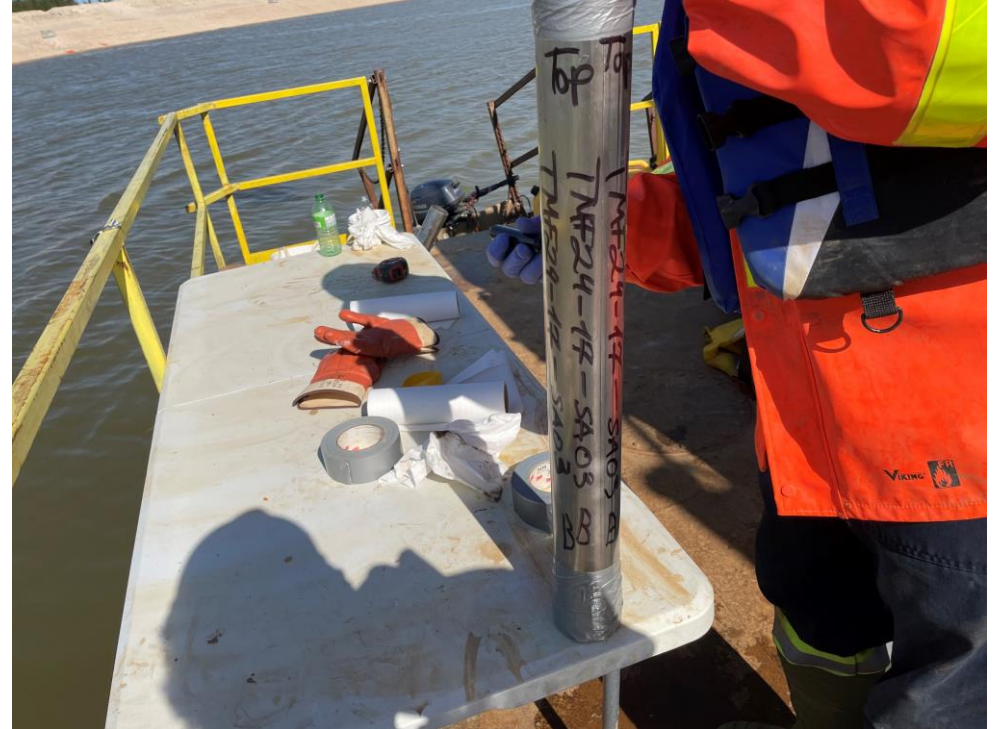


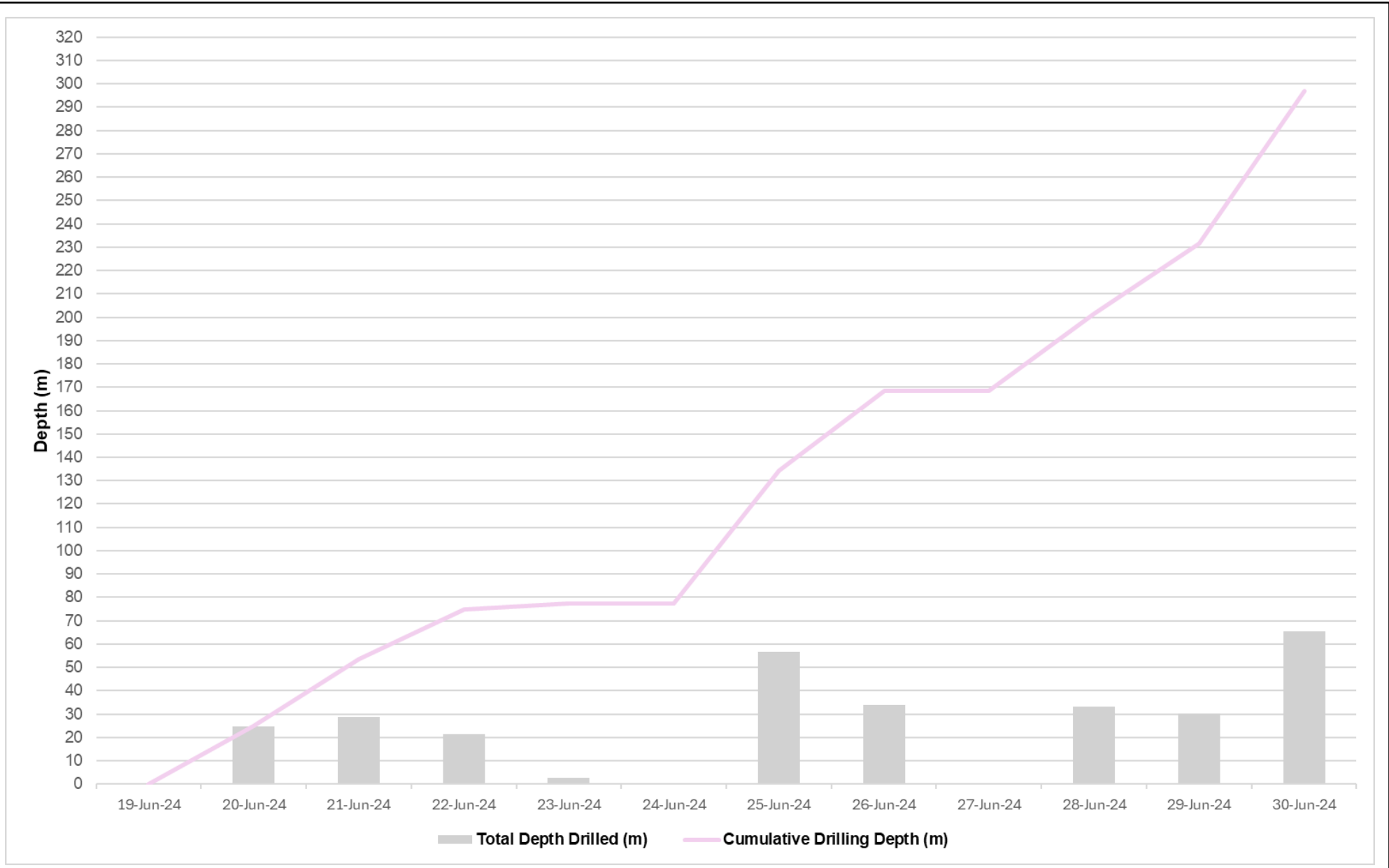
Photo 18: TMF24-17-SA03 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-17-SA03		
Job No: CAPR003271	McClellan Lake	Date: June 30, 2024	Approved: AN	Figure: 10



Photo 19: Storage of Shelby tube samples.

		TOVP 2024 Geotechnical Drilling		
		Shelby Sample Storage and Pit Shell Elevations		
Job No: CAPR003271	McClellan Lake	Date: June 30, 2024	Approved: AN	Figure: 11



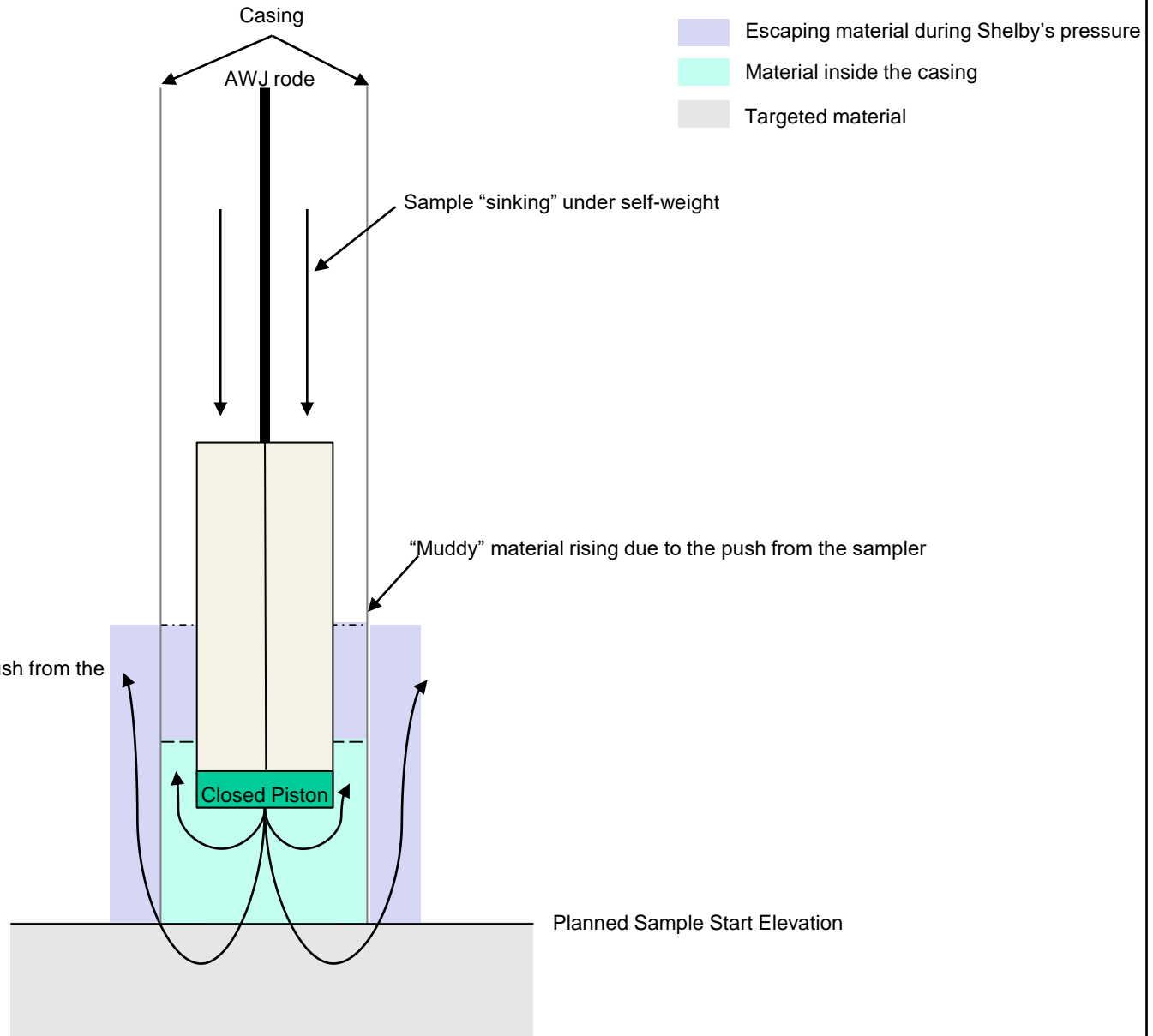
Note:
The drill depths incorporate the distance from the barge's deck to the initial contact with the tailings (water depth).

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Drilling Summary		
		Date: June 30, 2024	Approved: AN	Figure: 12

Notes:

- ❑ The material was found to be very loose, soft, and "muddy." Consequently, as the sampler descends to the correct elevation, it is suspected that the material escapes in the same manner as it was pushed by the water pressure (or any applied pressure) from above.
- ❑ After collecting the target material into the Shelby tube, the material at the top of the tube remained loose and soft, suggesting that it was not subjected to pressure from above.
- ❑ Whenever water pressure was applied under similar circumstances, the pump pressure remained at 0 kPa.

The extra material in the casing escaping due to the push from the sampler



		TOVP 2024 Geotechnical Drilling		
		Soft / Loose Material Sampling		
Job No: CAPR003271	McClellan Lake	Date: June 30, 2024	Approved: AN	Figure: 13

Figure 14: Note: all elevations in masl.

TMF24-18

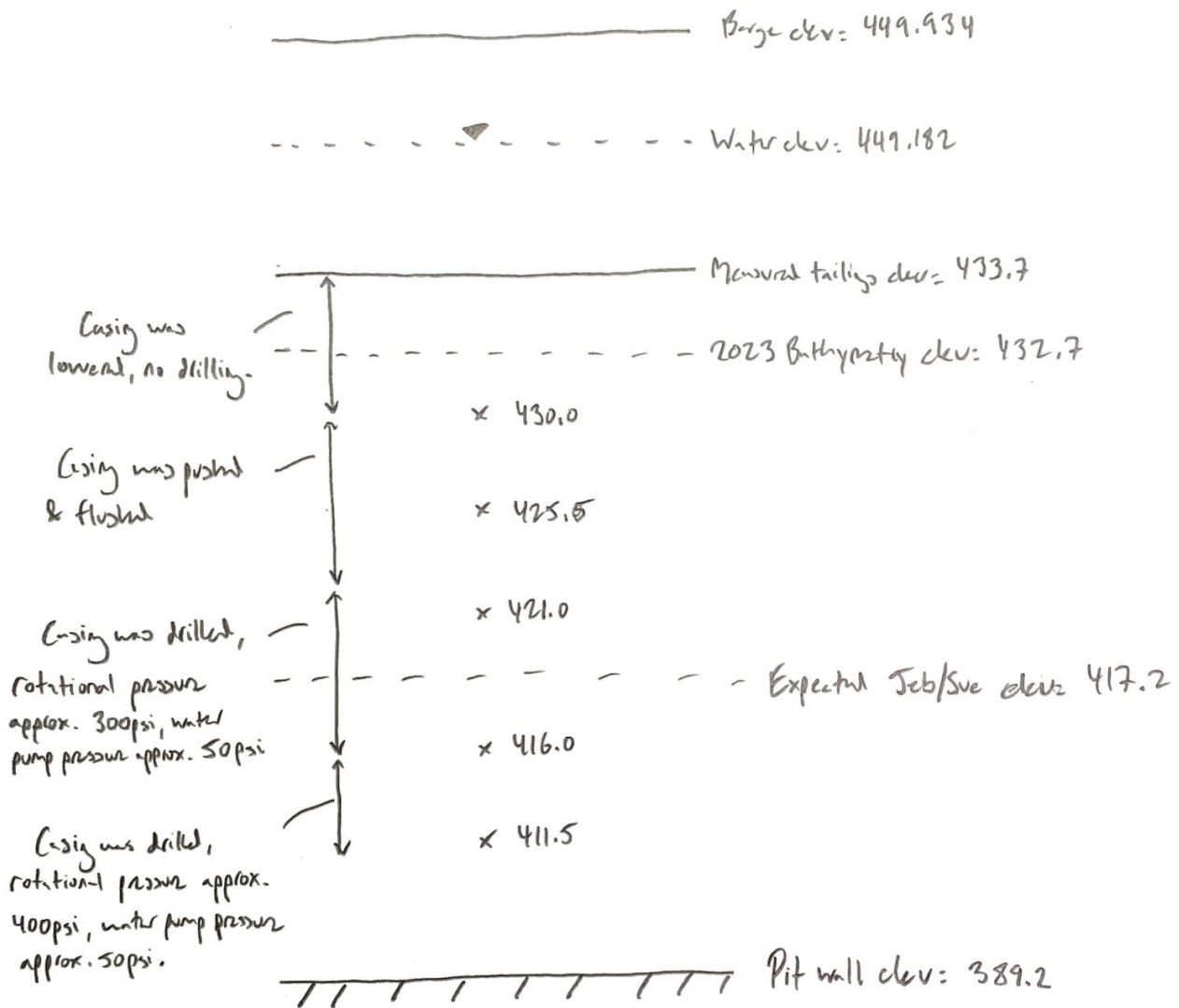
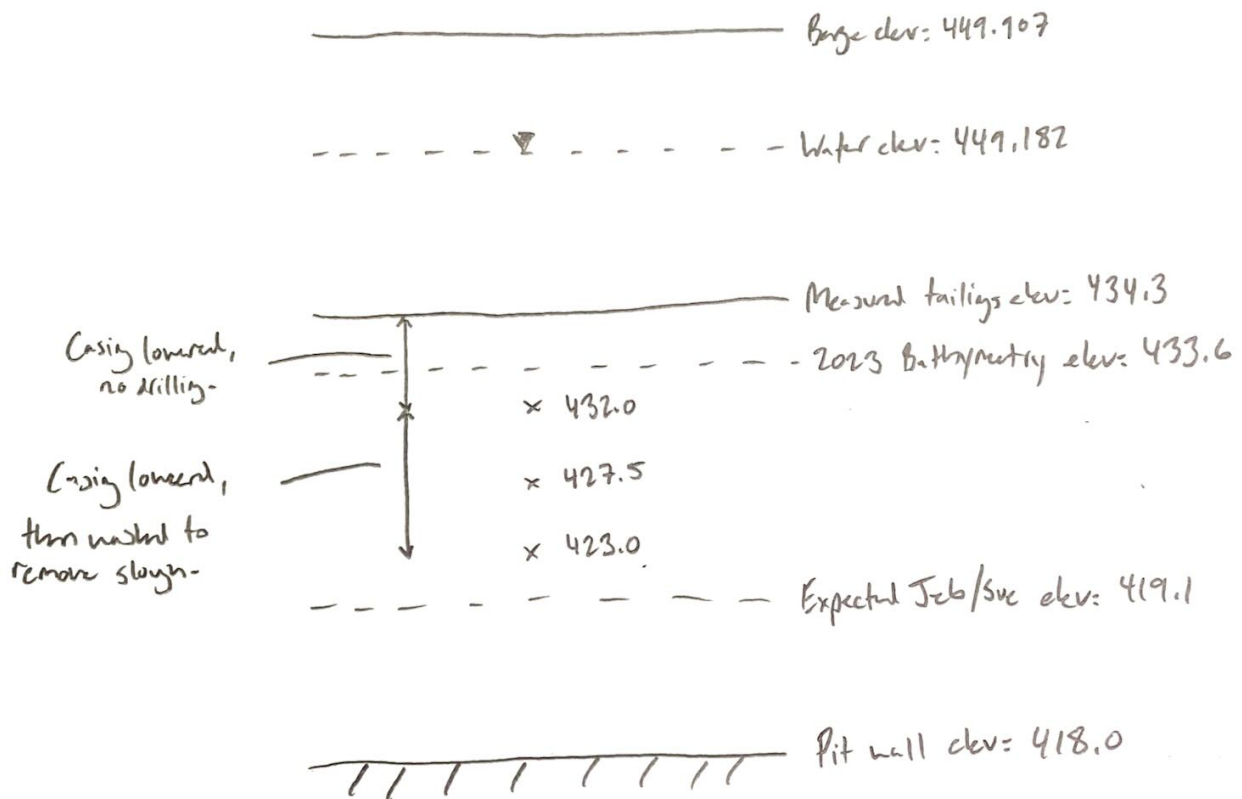
























Figure 15 = Note: all elevations in msl.

TMF24-17



SRK Daily Report 013 – 2024 TOVP Geotechnical Drilling Supervision

Date:	July 1, 2024		Project Number:	CAPR003271																
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)	Yes Yes Yes															
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman			Today's Weather: Morning: Sunny Afternoon: Sunny Wind: 3-16 km/hr Min : 12.9°C Max : 26.6°C Comment: -		Four Day Outlook:														
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach					<table border="1" style="width: 100%; text-align: center; font-size: small;"> <thead> <tr> <th>Tue 2 Jul</th> <th>Wed 3 Jul</th> <th>Thu 4 Jul</th> <th>Fri 5 Jul</th> </tr> </thead> <tbody> <tr> <td> 28°C 30% Chance of showers</td> <td> 20°C 60% Chance of showers</td> <td> 26°C Sunny</td> <td> 23°C 70% Chance of showers</td> </tr> <tr> <th>Night</th> <th>Night</th> <th>Night</th> <th>Night</th> </tr> <tr> <td> 16°C 30% Chance of showers</td> <td> 13°C Cloudy periods</td> <td> 15°C Clear</td> <td> 13°C 60% Chance of showers</td> </tr> </tbody> </table>	Tue 2 Jul	Wed 3 Jul	Thu 4 Jul	Fri 5 Jul	 28°C 30% Chance of showers	 20°C 60% Chance of showers	 26°C Sunny	 23°C 70% Chance of showers	Night	Night	Night	Night	 16°C 30% Chance of showers	 13°C Cloudy periods
Tue 2 Jul	Wed 3 Jul	Thu 4 Jul	Fri 5 Jul																	
 28°C 30% Chance of showers	 20°C 60% Chance of showers	 26°C Sunny	 23°C 70% Chance of showers																	
Night	Night	Night	Night																	
 16°C 30% Chance of showers	 13°C Cloudy periods	 15°C Clear	 13°C 60% Chance of showers																	

SAFETY

Safety Meetings:	Summary:
6:55 AM to 7:05 AM – Daily TOVP 2024 Safety Meeting	<ul style="list-style-type: none"> ■ SRK reviewed FLRA and SOP with Paddock. ■ Reviewed and confirmed the plan for the day.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ SRK and Paddock took the support boat to the barge at 07:20. ■ From 07:30 to 08:10, the anchors were adjusted to position the barge within 3 meters of TMF24-19. ■ The daily water level was 449.209 meters above sea level (masl). ■ TMF24-19 As Built Coordinates: 5181.645E, 11188.530N. The elevation of the barge deck is 449.937 masl. ■ The crew beached the barge at 12:30.
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- From 12:30 to 17:30, the barge was cleaned and pulled onto shore. TOVP 2024 is complete.
- SRK is scheduled to depart McClean Lake on July 2nd, 2024 at 11:30 am.

Sampling Timeline:

- TMF24-19-SA01 sampled at 08:52,
- TMF24-19-SA02 sampled at 09:15,
- TMF24-19-SA03 sampled at 09:41,
- TMF24-19-SA04 sampled at 10:18,
- TMF24-19-SA05 sampled at 10:53,
- TMF24-19-SA06 sampled at 11:42.

Sampling Notes:

- As described in the *Daily Report 012 from 30/06/2024*, SRK verified the elevation of the Jeb Pit Shell below the proposed permeability locations using Leapfrog Geo 2023.2 to confirm the maximum allowable depth of drilling. For TMF24-18, the shell elevation was 389.3 masl; for TMF24-17, it was 418.0 masl; and for TMF24-19, it was 408.7 masl.
- During the sampling of the Cigar tailings in permeability location, some of the top material was found to be very loose and soft, allowing the casing to penetrate without the need for drilling or washing. To minimize sample disturbance, the Shelby tube was pushed to the correct starting sampling elevation without washing out the casing. The material was very soft and saturated, causing the Shelby tube to "fall" to the sampling elevation on its own. Once denser and stiffer material was reached, the casing was flushed with water while proceeding to the planned sampling elevation. The depths were also verified with a tape measure, even though the Shelby sampler continued to "fall" to the correct elevation even for some of the deeper samples at a rate determined by how far the driller pushed the lever.
- During drilling at TMF24-19, the Jeb/Sue tailings were encountered at an elevation of 417 meters above sea level (masl) as indicated by TMF24-19-SA05. This material was characterized by light brown to yellowish fine particles. Similar material was also observed during drilling at TMF24-18, at an elevation of 411.5 masl. Both findings were below the estimated contact depth between the Jeb/Sue and Cigar tailings at these locations, confirming that the encountered material was likely Jeb/Sue tailings at both sites.
- The last sample at TMF24-19 (TMF24-19-SA06) was taken at 412.5 masl, with the bottom of the sample at 411.9 masl. Given that the pit shell is at approximately 408.8 masl, there is a clearance of 3.1 meters (a minimum clearance of 3.0 m was assumed as a conservative approach).

Figures Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Offers a daily overview of the TMF at the beginning and end of the day.
- Figure 3 to Figure 8: Offer an overview of the sampling activities.
- Figures 9 to 11: Illustrate the activities involved in beaching the barge and relocating the drill from it.

- Figure 12: Provides a drilling summary.
- Figure 13: Illustrates a diagram of the Shelby tube sinking under its weight inside the casing.
- Figure 14: Provides a schematic of TMF24-19.

Plan for tomorrow:

- Sample inventory and clean-up

Barge Location and Movements

Start Time (HH:MM)	Moved From (Location ID)	Moved To (Location ID)	Move Duration (Hours)	Comments
07:30	TMF24-17	TMF24-19	0.7	-

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
TMF24-19	08:30	12:00	3.5	Complete	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment
TMF24-19	TMF24-19-SA01	432.0	0.6	97	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 170 kPa.
TMF24-19	TMF24-19-SA02	427.5	5.1	100	<ul style="list-style-type: none"> ■ Casing was lowered to the sample elevation. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-19	TMF24-19-SA03	423.0	9.6	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 3500 kPa. ■ The Shelby sampler's pump water pressure was approximately 520 kPa.
TMF24-19	TMF24-19-SA04	418.5	14.1	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2400 kPa. ■ The Shelby sampler's pump water pressure was approximately 860 kPa.
TMF24-19	TMF24-19-SA05	417.0	15.6	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2800 kPa. ■ The Shelby sampler's pump water pressure was approximately 860 kPa.
TMF24-19	TMF24-19-SA06	412.5	20.1	100	<ul style="list-style-type: none"> ■ Casing was drilled and flushed. ■ The rotational pressure was approximately 2800 kPa. ■ The Shelby sampler's pump water pressure was approximately 1200 kPa.

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

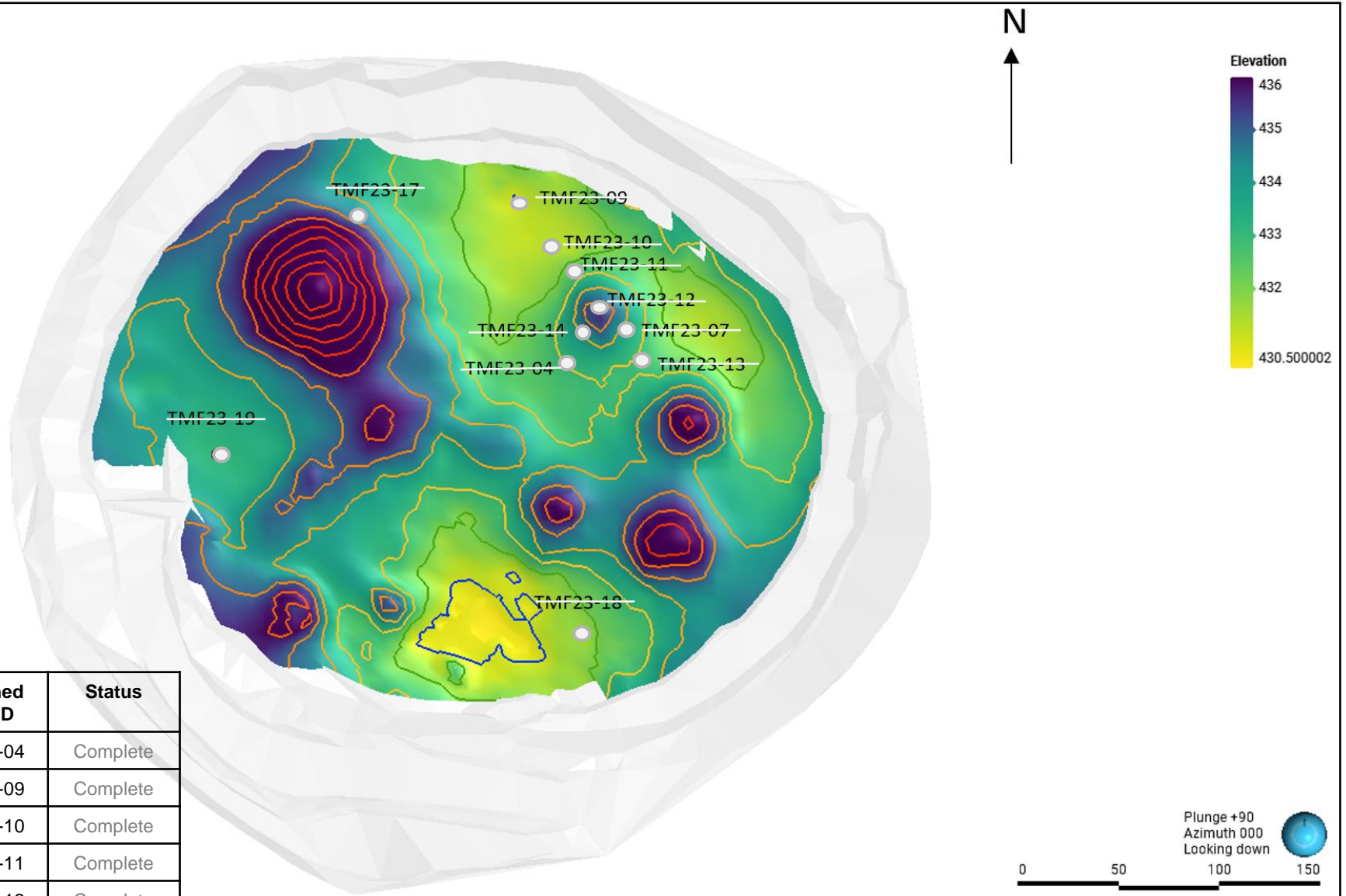
Tentative Updated Daily Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis
29/06/2024	TMF23-07	Segregation Analysis
30/06/2024	TMF23-18	Permeability
30/06/2024	TMF23-17	Permeability
01/07/2024	TMF23-19	Permeability

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	TMF24-13	Complete
TMF23-14	TMF24-14	Complete
TMF23-17	TMF24-17	Complete
TMF23-18	TMF24-18	Complete
TMF23-07	TMF24-07	Complete
TMF23-19	TMF24-19	Complete



 Job No: CAPR003271



 McClean Lake

TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Date: July 1, 2024	Approved: AN	Figure: 1
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Photo 1: Morning overview of the TMF.



Photo 2: Final location of the beached barge.

		TOVP 2024 Geotechnical Drilling		
		TMF Overview		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 2



Photo 3: TMF24-19-SA01 prior to sealing with wax.



Photo 4: TMF24-19-SA01 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA01		
		Date: July 1, 2024	Approved: AN	Figure: 3



Photo 5: TMF24-19-SA02 prior to sealing with wax.



Photo 6: TMF24-19-SA02 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA02		
		Date: July 1, 2024	Approved: AN	Figure: 4



Photo 7: TMF24-19-SA03 prior to sealing with wax.



Photo 8: TMF24-19-SA03 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA03		
		Date: July 1, 2024	Approved: AN	Figure: 5



Photo 9: TMF24-19-SA04 prior to sealing with wax.



Photo 10: TMF24-19-SA04 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA04		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 6



Photo 11: TMF24-19-SA05 prior to sealing with wax.



Photo 12: TMF24-19-SA05 after collection.

		TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA05		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 7



Photo 13: TMF24-19-SA06 after sealing with wax.



Photo 14: TMF24-19-SA06 after collection.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Shelby Tube Sample TMF24-19-SA06		
		Date: July 1, 2024	Approved: AN	Figure: 8



Photo 15: Relocation of the barge closer to the shore (closer look).



Photo 16: Re-location of the barge closer to the shore.

		TOVP 2024 Geotechnical Drilling		
		Barge Beaching		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 9



Photo 17: Pulling the barge from the water.



Photo 18: Setting up the tracks to move the drill from the barge.

		TOVP 2024 Geotechnical Drilling		
		Initial Barge Pulling and Drill Relocation		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 10

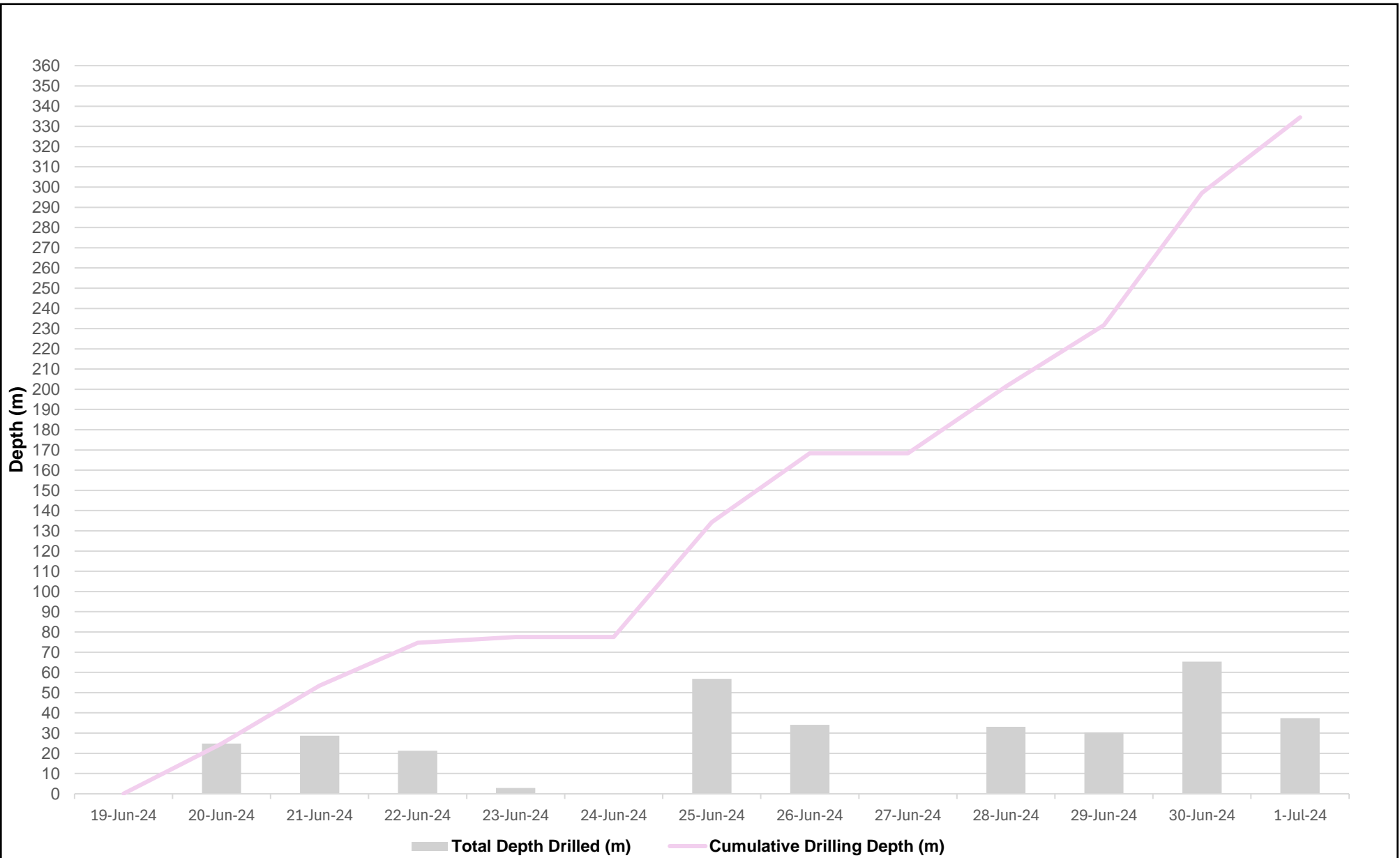


Photo 19: Relocating the drill from the barge to the shore.



Photo 20: Further pulling of the barge to completely remove it from the water and position it on the shore near the TMF.

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling		
		Drill Relocation and Final Barge Pulling		
		Date: July 1, 2024	Approved: AN	Figure: 11



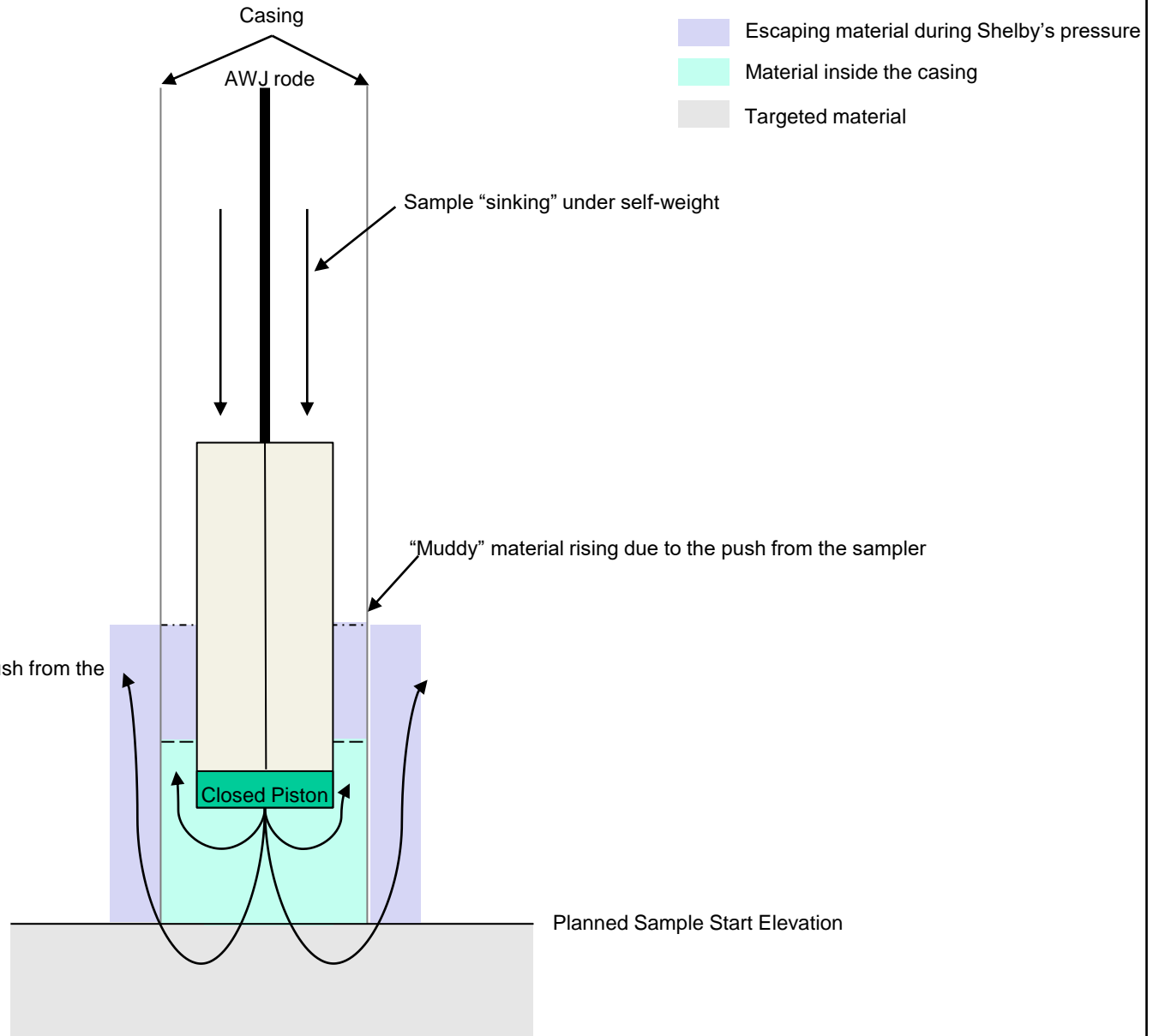
Note:
The drill depths incorporate the distance from the barge's deck to the initial contact with the tailings (water depth).

 Job No: CAPR003271	 McClean Lake	TOVP 2024 Geotechnical Drilling	
		Drilling Summary	
		Date: July 1, 2024	Approved: AN
			Figure: 12

Notes:

- ❑ The material was found to be very loose, soft, and "muddy." Consequently, as the sampler descends to the correct elevation, it is suspected that the material escapes in the same manner as it was pushed by the water pressure (or any applied pressure) from above.
- ❑ After collecting the target material into the Shelby tube, the material at the top of the tube remained loose and soft, suggesting that it was not subjected to pressure from above.
- ❑ Whenever water pressure was applied under similar circumstances, the pump pressure remained at 0 kPa.

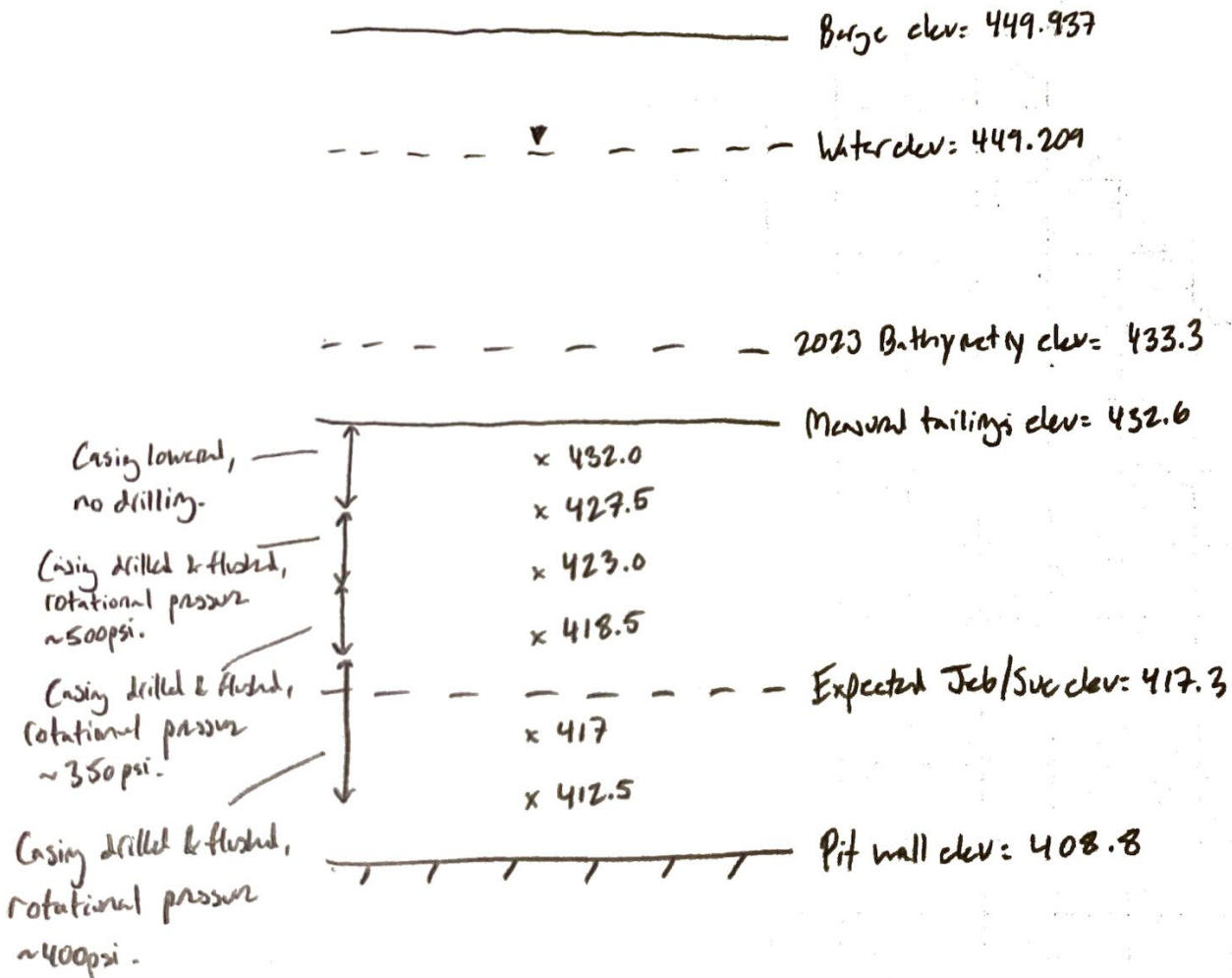
The extra material in the casing escaping due to the push from the sampler



























		TOVP 2024 Geotechnical Drilling		
		Soft / Loose Material Sampling		
Job No: CAPR003271	McClellan Lake	Date: July 1, 2024	Approved: AN	Figure: 13

Figure 14 = Note - all elevations in masl.

TMF24-19



SRK Daily Report 014 – 2024 TOVP Geotechnical Drilling Supervision

Date:	July 2, 2024		Project Number:	CAPR003271															
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 Dmitri Bohach – Field Assistance Bryce Marcotte – Consultant	No No Yes Yes No		Drillers (Paddock Drilling Ltd.) Danton Hintz – Lead Driller (Paddock Drilling Ltd.) Cody Sedgwick – Drill Hand (Paddock Drilling Ltd.) Derek Huston – Drill Hand (Paddock Drilling Ltd.)			Yes Yes Yes												
Orano Distribution List:	Kebbi Hughes; Joseph Essilfie-Dughan; Tyler Lohman				Today's Weather: Morning: Sunny Afternoon: - Wind: - Min : - Max : -°C Comment: -		Four Day Outlook:												
SRK Distribution List:	Erik Ketilson, Adam Leik, Bryce Marcotte, Anton Novikov, Dmitri Bohach			<table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr> <td style="width: 25%;">Tue 2 Jul</td> <td style="width: 25%;">Wed 3 Jul</td> <td style="width: 25%;">Thu 4 Jul</td> <td style="width: 25%;">Fri 5 Jul</td> </tr> <tr> <td> 28°C 30% Chance of showers</td> <td> 20°C 60% Chance of showers</td> <td> 26°C Sunny</td> <td> 23°C 70% Chance of showers</td> </tr> <tr> <td> 16°C 30% Chance of showers</td> <td> 13°C Cloudy periods</td> <td> 15°C Clear</td> <td> 13°C 60% Chance of showers</td> </tr> </table>				Tue 2 Jul	Wed 3 Jul	Thu 4 Jul	Fri 5 Jul	 28°C 30% Chance of showers	 20°C 60% Chance of showers	 26°C Sunny	 23°C 70% Chance of showers	 16°C 30% Chance of showers	 13°C Cloudy periods	 15°C Clear	 13°C 60% Chance of showers
Tue 2 Jul	Wed 3 Jul	Thu 4 Jul	Fri 5 Jul																
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 16°C 30% Chance of showers	 13°C Cloudy periods	 15°C Clear	 13°C 60% Chance of showers																

SAFETY

Safety Meetings:	Summary:
7:05 AM to 7:10 AM – Daily TOVP 2024 Safety Meeting	SRK reviewed FLRA and SOP.

GENERAL ACTIVITIES / OBSERVATIONS / NOTES

<p>General Notes:</p> <ul style="list-style-type: none"> ■ SRK performed an inventory of the Shelby tube samples, documenting their weight and location (identified by bucket ID) for future shipment to the lab. To minimize disturbance and restrict movement within the buckets, bubble wrap was placed in those with significant space between the Shelby tubes. The buckets were then covered with tarps. ■ SRK, in collaboration with Orano, carried out clean-up activities, including washing the motors from the barge and support boat. ■ At approximately 11:30, SRK departed from McClean Lake for Saskatoon.

Figures and Appendices Summary:

- Figure 1: Provides a plan view of the TMF with a summary of drilling activities to date.
- Figure 2: Shows the storage location of Shelby tube samples.
- Appendix A: Provides an inventory list of Shelby tube samples.

Barge Location and Movements

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

Daily Drilling Progress

Location ID	Start Time (HH:MM)	End Time (HH:MM) ¹	Duration (Hours) ²	Status	Comment
-	-	-	-	-	-

¹End time taken at time of last steel casing being removed from the ground.

²Excluding lunch break, loading/unloading the truck / obtaining equipment or supplies.

Daily Sampling Progress

Location ID	Sample Name	Sample Elevation (masl) ¹	Depth into Tailings (m) ²	Recovery (%) ³	Comment
-	-	-	-	-	-

¹Sample elevation reported is the top of the Shelby sampler.

²Includes tailings deposited between the time of drilling and the 2023 bathymetry survey ("Fresh" tailings).

³Calculated based on 2 ft (0.61 m) maximum penetration.

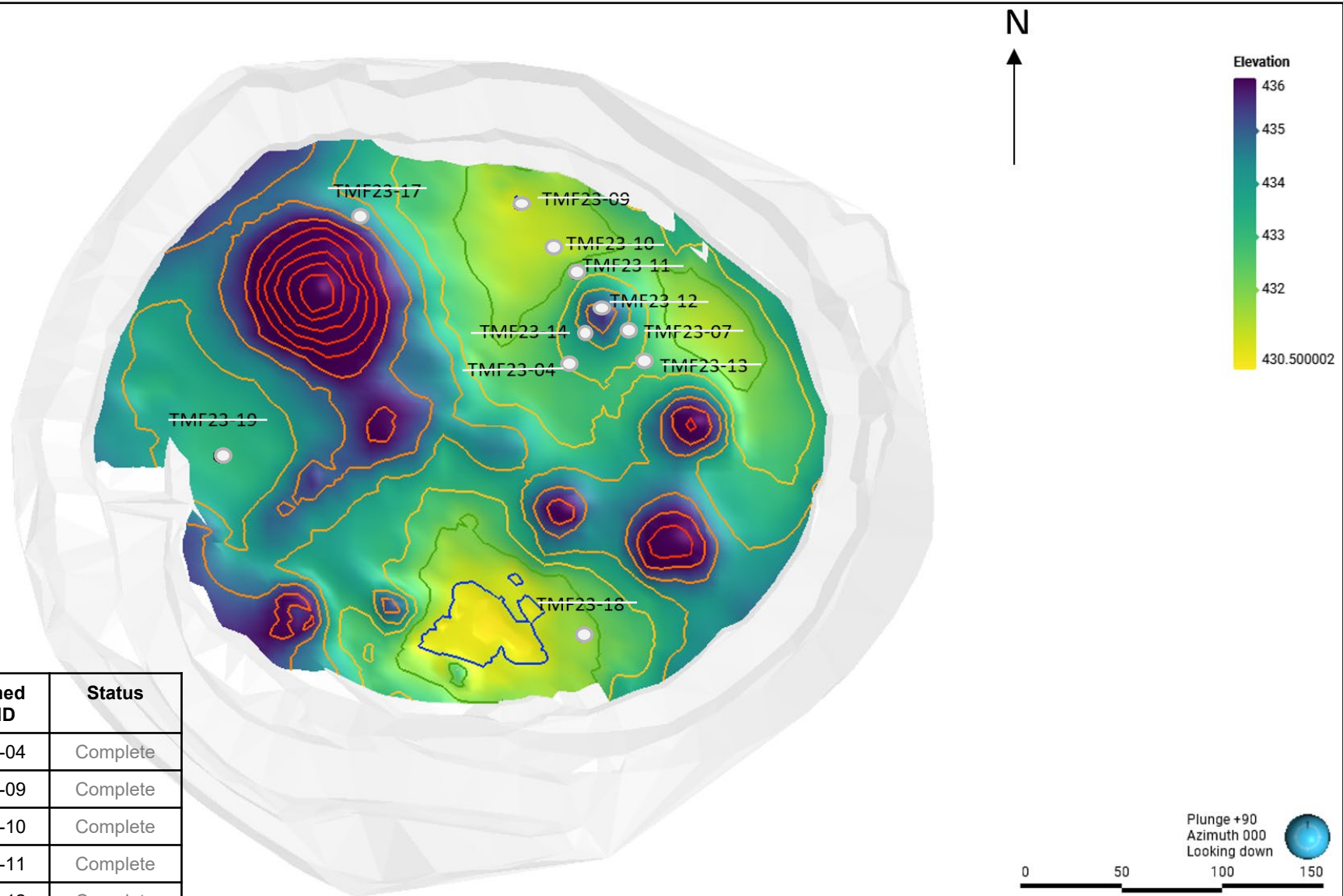
Tentative Updated Daily Schedule

Date	Location ID	Purpose
20/06/2024	TMF23-04	Segregation Analysis
21/06/2024	TMF23-14	Segregation Analysis
22/06/2024	TMF23-12	Segregation Analysis
23/06/2024	TMF23-11	Segregation Analysis
24/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-11	Segregation Analysis
25/06/2024	TMF23-10	Segregation Analysis
26/06/2024	TMF23-09	Segregation Analysis
27/06/2024	TMF23-13	Segregation Analysis
28/06/2024	TMF23-13	Segregation Analysis
29/06/2024	TMF23-07	Segregation Analysis
30/06/2024	TMF23-18	Permeability
30/06/2024	TMF23-17	Permeability
01/07/2024	TMF23-19	Permeability

Grey = Complete

Orange = Planned

Green = In-Progress



Planned Hole ID	Assigned Hole ID	Status
TMF23-04	TMF24-04	Complete
TMF23-09	TMF24-09	Complete
TMF23-10	TMF24-10	Complete
TMF23-11	TMF24-11	Complete
TMF23-12	TMF24-12	Complete
TMF23-13	TMF24-13	Complete
TMF23-14	TMF24-14	Complete
TMF23-17	TMF24-17	Complete
TMF23-18	TMF24-18	Complete
TMF23-07	TMF24-07	Complete
TMF23-19	TMF24-19	Complete



TOVP 2024 Geotechnical Drilling

2024 TOVP Sampling Map

Job No: CAPR003271

McClellan Lake

Date:
July 2, 2024

Approved:
AN

Figure:
1



Photo 1: Location of Shelby samples



Photo 2: Covered buckets with Shelby samples

		TOVP 2024 Geotechnical Drilling		
		Sample Storage Location		
Job No: CAPR003271	McClellan Lake	Date: July 2, 2024	Approved: AN	Figure: 2

Appendix A: TOVP 2024 Sample Inventory

Borehole	Sample	Weight (kg)	Bucket ID	Tested (Y/N)	Comments
TMF24-04	TMF24-04-SA01	5.8	1	-	The tube slightly tripped over during relocation.
	TMF24-04-SA02	5.5	1	-	-
	TMF24-04-SA03	5.7	2	-	-
	TMF24-04-SA04	7.0	1	-	-
TMF24-07	TMF24-07-SA01	5.5	1	-	The tube slightly tripped over during relocation.
	TMF24-07-SA02	5.9	1	-	The tube slightly tripped over during relocation.
	TMF24-07-SA03	5.8	1	-	The tube slightly tripped over during relocation.
	TMF24-07-SA04	6.0	1	-	The tube slightly tripped over during relocation.
	TMF24-07-SA05A	5.0	3	-	-
	TMF24-07-SA05B	5.6	1	-	The tube slightly tripped over during relocation.
	TMF24-07-SA06	6.1	1	-	-
	TMF24-07-SA07	5.8	3	-	-
TMF24-09	TMF24-09-SA01	5.7	2	-	-
	TMF24-09-SA02	5.6	2	-	-
	TMF24-09-SA03	5.8	2	-	-
	TMF24-09-SA04	6.0	2	-	-
	TMF24-09-SA05	6.0	2	-	-
TMF24-10	TMF24-10-SA01	5.7	2	-	-
	TMF24-10-SA02	5.8	2	-	-
	TMF24-10-SA03	5.8	3	-	-
	TMF24-10-SA04	5.9	2	-	-
	TMF24-10-SA05	5.9	2	-	-
	TMF24-10-SA06	6.1	2	-	-
TMF24-11	TMF24-11-SA01	5.4	3	-	-
	TMF24-11-SA02	5.6	2	-	-
	TMF24-11-SA03	5.8	1	-	-
	TMF24-11-SA04	6.0	3	-	-
	TMF24-11-SA05	6.0	2	-	-
	TMF24-11-SA06	5.9	3	-	-
TMF24-12	TMF24-12-SA01	5.6	1	-	-
	TMF24-12-SA02	6.3	1	-	-
	TMF24-12-SA03	6.1	1	-	The tube slightly tripped over during relocation.
	TMF24-12-SA04	6.2	1	-	-
	TMF24-12-SA05	6.5	1	-	The tube slightly tripped over during relocation.
	TMF24-12-SA06	7.0	1	-	-
TMF24-13	TMF24-13-SA01	5.6	3	-	-
	TMF24-13-SA02	5.6	3	-	-
	TMF24-13-SA03	5.9	3	-	-
	TMF24-13-SA04	5.9	3	-	-
	TMF24-13-SA05	5.9	3	-	-
	TMF24-13-SA06	5.8	3	-	-
	TMF24-13-SA07	6.6	3	-	-
	TMF24-13-SA08	6.3	3	-	-
TMF24-14	TMF24-14-SA01A	4.9	1	-	-
	TMF24-14-SA01B	5.3	1	-	-
	TMF24-14-SA02	5.5	1	-	-

Borehole	Sample	Weight (kg)	Bucket ID	Tested (Y/N)	Comments
TMF24-14	TMF24-14-SA03	6.3	1	-	-
	TMF24-14-SA04	5.5	1	-	-
	TMF24-14-SA05	6.1	1	-	-
	TMF24-14-SA06	6.7	1	-	The tube slightly tripped over during relocation.
TMF24-17	TMF24-17-SA01	5.6	1	-	-
	TMF24-17-SA02	6.3	2	-	-
	TMF24-17-SA03	6.2	3	-	-
TMF24-18	TMF24-18-SA01	6.0	1	-	-
TMF24-18	TMF24-18-SA02	5.7	1	-	The tube slightly tripped over during relocation.
	TMF24-18-SA03	6.3	1	-	-
	TMF24-18-SA04	6.9	1	-	The tube slightly tripped over during relocation.
	TMF24-18-SA05	6.3	1	-	-
TMF24-19	TMF24-19-SA01	5.6	3	-	-
	TMF24-19-SA02	6.0	3	-	-
	TMF24-19-SA03	6.1	3	-	-
	TMF24-19-SA04	5.9	3	-	-
	TMF24-19-SA05	5.9	3	-	-
	TMF24-19-SA06	6.0	3	-	-

Legend:

[Segregation Locations](#)

[Permeability Locations](#)