Post-Field Memorandum

To:	Collen Middleton	**From:**	Eliane Roy
Company:	Canagold Resources Ltd.	**SLR Consulting (Canada) Ltd.**	
cc:	Ritch Burgess	**Date:**	August 4, 2026
		Project No.	234.030129.00001
		Revision	0

RE: River Transport Trial Monitoring

1.0 Introduction

Atlin Tlingit Economic Limited Partnership (ATELP) retained SLR Consulting (Canada) Ltd. (SLR) to lead the environmental monitoring of Canagold Resources Ltd. (Canagold) River Transport trials as part of New Polaris Mine Environmental Assessment.

2.0 Program Summary

The landing craft (LC), registered as the Inlet Raider, mobilized from the port of Juneau and operated on the Taku River as part of a river transportation trial program. Vessel crew members slept onboard the LC throughout the trials. Monitoring personnel were based out of the New Polaris Mine camp, while the monitoring boat was typically anchored at Cranberry Island. Those landmarks are shown on Figure 1.

Several organizations and contractors participated in the program. JASCO Applied Sciences was contracted to conduct underwater noise monitoring during the LC trials. A professional photographer was retained to document trial activities, including the collection of drone footage. The LC was equipped with onboard cameras and GPS tracking equipment to document vessel movements and operating conditions. A guide boat equipped with GPS and depth-sounding equipment was also present. Toward the end of the trial program, representatives of the Taku River Tlingit First Nation (TRTFN) joined field activities and collected additional environmental samples and observations following completion of the river transport trials. The trials involved numerous concurrent monitoring and documentation activities undertaken by multiple parties. This post-field memorandum focuses on the observations and data collected by SLR personnel, Éliane Roy. The following table summarizes the general river transportation trial activities.

Table 1: Daily Activity Summary

Date	Activities
June 11, 2025	• Eliane Roy (SLR), Trevor Wiliams, Tara Wiliams (ATELP) and JASCO crew arrived at New Polaris by helicopter.
June 12, 2025	• All crews met at Cranberry Island where the LC had arrived from Juneau overnight. • LC completed several transits of the river. • Collected surface water samples and insitu readings. • Crews returned to New Polaris camp for the night.

Date	Activities
June 13, 2025	• Met at Cranberry Island. • LC completed several transits of the river. • Collected surface water samples and insitu readings. • Collected sediment samples at Cranberry Island. • Jasco crew returned to Atlin by helicopter; other crews returned to New Polaris camp for the night.
June 14, 2025	• Met at Cranberry Island. • Gideon Serbeh & Carolyn Holmes (TRTFN) arrived at Cranberry Island from Atlin. • LC completed last transit up to the confluence with the Tulsequah and returned to Juneau. • Collected sets of insitu readings before and after LC passage. • Travelled up Flannigan Slough by jetboat. • Surface water monitoring • Crews returned to New Polaris camp for the night
June 15, 2025	• Returned to Flannigan Slough to explore further upstream; collected surface water samples. • Travelled from Cranberry Island to New Polaris by jetboat. • Collected insitu measurements on the Tulsequah. • Jetboat tied to shore by the mine site overnight. • Eliane Roy returned to Atlin by helicopter.

3.0 Navigation

Navigation trials between June 12 and 14, 2026 were conducted between Martini Row, through an area known as “The Narrows”, and upstream to the confluence with the Tulsequah River. The Taku River discharge was near peak for the season, whereas the Tulsequah River appeared lower than normal for the time of year. Multiple transits of this route were completed over the trial period. A guide boat travelled ahead of the LC to assist with route finding and identification of navigable channels.

The LC ran aground on a few occasions during the trials, including three occurrences on June 12, 2026 and one occurrence on June 13, 2026. The transit completed on June 14, 2026 was completed without grounding incidents.

Interactions with other river users were observed throughout the trial program. The Taku River is generally wide, allowing the LC to maintain steady speed and predictable courses. Smaller watercrafts were able to safely overtake the LC and manoeuvre around it when required. No near misses, collisions, or navigation-related safety concerns were observed during the monitoring period. Numerous residents of Martini Row gathered along the shoreline to observe passages of the LC. Residents were observed taking photographs and videos, waving, and otherwise expressing interest in the vessel. One resident was observed shouting threats toward the vessel operators; aside from this interaction, no significant conflicts between the public and the LC were reported during the monitoring program.

4.0 Wake Monitoring

The wake generated by the passage of the landing craft was documented at two representative locations along the river using a staff gauge at the water's edge. Video screen captures are available in the photolog in Appendix A.

Cranberry Island is located within a wide, braided section of the river characterized by gravel and sand banks. The vessel wake produced a maximum observed wave height of approximately eight centimetres (cm) at the monitoring location. Following vessel passage, water levels returned to the pre-disturbance still-water line within approximately five minutes.

The second monitoring location was situated within an area known as “The Narrows”, adjacent to the fish wheels, where the river is confined by bedrock canyon walls. A maximum wave height of approximately 34 cm was recorded following passage of the landing craft. Water levels returned to the pre-disturbance still-water line within approximately seven minutes.
Wake energy was observed to persist longer within the confined channel due to wave reflection from the rock walls.

No control measurements were conducted in relation to other personal, recreational, or commercial watercrafts typically operating on the Taku River.

5.0 Insitu Water Quality Readings

Series of field measurements were recorded while onboard of the monitoring boat. Each set consisted of measurements recorded immediately before and after passage of the LC to document any potential short-term changes in water quality associated with vessel movement. Field measurements using a YSI ProDSS handheld meter comprised pH, temperature, dissolved oxygen, turbidity, and specific electrical conductivity.

Monitoring locations were not pre-selected; measurements were collected opportunistically at numerous locations along the river (Figure 1) while the landing craft was in transit to maximize the number of observations obtained during the monitoring period. Sampling sets Insitu1 to Insitu6 were collected while the landing craft was travelling upstream, and sampling sets Insitu7 to Insitu14 were collected while the vessel was travelling downstream. This series of field measurements is presented in Table B1, ordered from downstream to upstream locations.

One field pH reading at Insitu2 was below the applicable guidelines.

6.0 Surface Water Quality Sampling

Locations for surface water quality sampling (Figure 1) were selected by Canagold and TRTFN ahead of the trials; insitu readings were collected at additional locations along the Taku and Tulsequah Rivers. Field parameters recorded using ArcGIS Field Maps App are presented in Table C1.

Surface water samples were collected in laboratory-supplied bottles. Once samples were collected and labelled, they were immediately stored in coolers with ice packs. Samples were stored at temperatures of 10 degrees Celsius (°C) or lower throughout the field program and shipped to Bureau Veritas (BV) under a chain-of-custody form.

Surface water quality results were generally below applicable British Columbia (BC) Water Quality Guidelines (WQGs) and Canadian Council of Ministers of the Environment (CCME) freshwater long-term guidelines, with the exception of four metals. Dissolved copper exceeded the most stringent applicable guideline (0.2 microgram per litre [µg/L]) in one sample.

Total aluminum concentrations exceeded the BC WQG in samples collected at S26LCDS on June 13, 2026 (but not sample from June 12, 2026), and at S26LC_TUL. Total aluminum concentrations at S26LC_TUL exceeded the CCME freshwater guideline. Total iron concentrations exceeded the applicable BC WQG in those samples as well.

In the absence of methylmercury data, a conservative screening approach was applied using the most stringent mercury guideline (0.00125 µg/L) recommended when methylmercury concentrations are unavailable; all samples exceeded this screening threshold. Screened data tables are provided in Table C2 to C4.

A comparison between total metal and dissolved metal concentrations was completed. Samples where dissolved metal concentrations exceeded total metal concentrations by more than 30% and both concentrations were at least five times the reportable detection limit (RDL) are identified in Appendix B.

Relative percent differences (RPDs) between field duplicate and primary sample results were below the data quality objective (DQO) of 50% for all analytes (Table C5), supporting the reliability of the analytical results.

7.0 Opportunistic Sampling

Several opportunistic environmental samples were collected in areas downstream of the New Polaris Mine. These sampling activities were not directly related to the river transport trials but were undertaken to make use of the field presence in a remote area for which limited environmental data are available.

7.1 Flannigan Slough Water Quality Monitoring

Two surface water samples were collected from the main channel flowing through Flannigan Slough (Figure 1). Surface water quality at those locations was generally within applicable BC WQGs and CCME freshwater long-term guidelines. Exceedances were limited to pH, dissolved copper, total aluminum, and total iron. pH exceeded the applicable guideline during a single field measurement at FLA_SLOUGH_MS.

Dissolved copper exceeded the site-specific BC Biotic Ligand Model (BLM)-derived guideline (0.2 µg/L) in both samples. Total aluminum concentrations exceeded both the BC WQG and the CCME freshwater guideline in both samples, while total iron concentrations exceeded the applicable BC WQG in both samples.

No other analyzed parameters exceeded applicable water quality guidelines. Data are provided in Tables D1 to D4.

7.2 Cranberry Island Sediment Sampling

Sediment samples were collected from one site at the downstream end of Cranberry Island (S26LCDS, Figure 1) on the Taku River on June 13, 2026. Three replicate samples were collected from this site, spaced 10 metres apart. Sediment samples were collected using a plastic scoop, homogenized thoroughly in a plastic dish, and then transferred into laboratory provided 100-millilitre (mL) glass jars and large sealable plastic bags. Excess water was drained from sample jars and bags prior to storage in a cooler with ice packs or at temperatures below 10°C, and subsequently shipped to BV. A chain of custody form accompanied the samples.

Sample contained elevated concentrations of arsenic, chromium (III+VI), copper, iron, manganese, and nickel; concentrations of these analytes exceeded the applicable BC Freshwater Sediment Quality Guideline lower benchmarks and/or CCME Interim Sediment Quality Guidelines (ISQGs), where available.

Metal concentrations were relatively consistent among samples, with low variability observed for all elevated analytes (CV = 0.7% to 11.1%). Although iron occurred at substantially higher concentrations than the other metals (mean = 31,333 mg/kg), between-sample variability remained low (CV = 2.7%).

Particle size distribution varied among the samples, with clay content ranging from 4% to 33%; however, the elevated metal concentrations were consistently observed across all three samples. Sediment results are presented in Appendix E.

8.0 Statement of Limitations

This report has been prepared by SLR Consulting (Canada) Ltd. (SLR) for Canagold Resources Ltd. (Client) in accordance with the scope of work and all other terms and conditions of the agreement between such parties. SLR acknowledges and agrees that the Client may provide this report to government agencies, interest holders, and/or Indigenous communities as part of project planning or regulatory approval processes. Copying or distribution of this report, in whole or in part, for any other purpose other than as aforementioned is not permitted without the prior written consent of SLR.

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9.0 Closure

We thank you for the opportunity to working with you. Should you have any questions regarding this post-field memorandum, please contact a member of our team.

Regards,

SLR Consulting (Canada) Ltd.

Eliane Roy, B.Eng.
Environmental Scientist

Ric Horobin, M.Sc. PhD, CGeol, MIAH
Business Leader, Canada North

Attachments
Figure
Appendix A: Photolog
Appendix B: River Transport Insitu Readings
Appendix C: River Transport Surface Water Quality
Appendix D: Flannigan Slough Surface Water Quality
Appendix E: Cranberry Island Sediments

copy ATELP

Figure

River Transport Trial Monitoring

Post-Field Memorandum

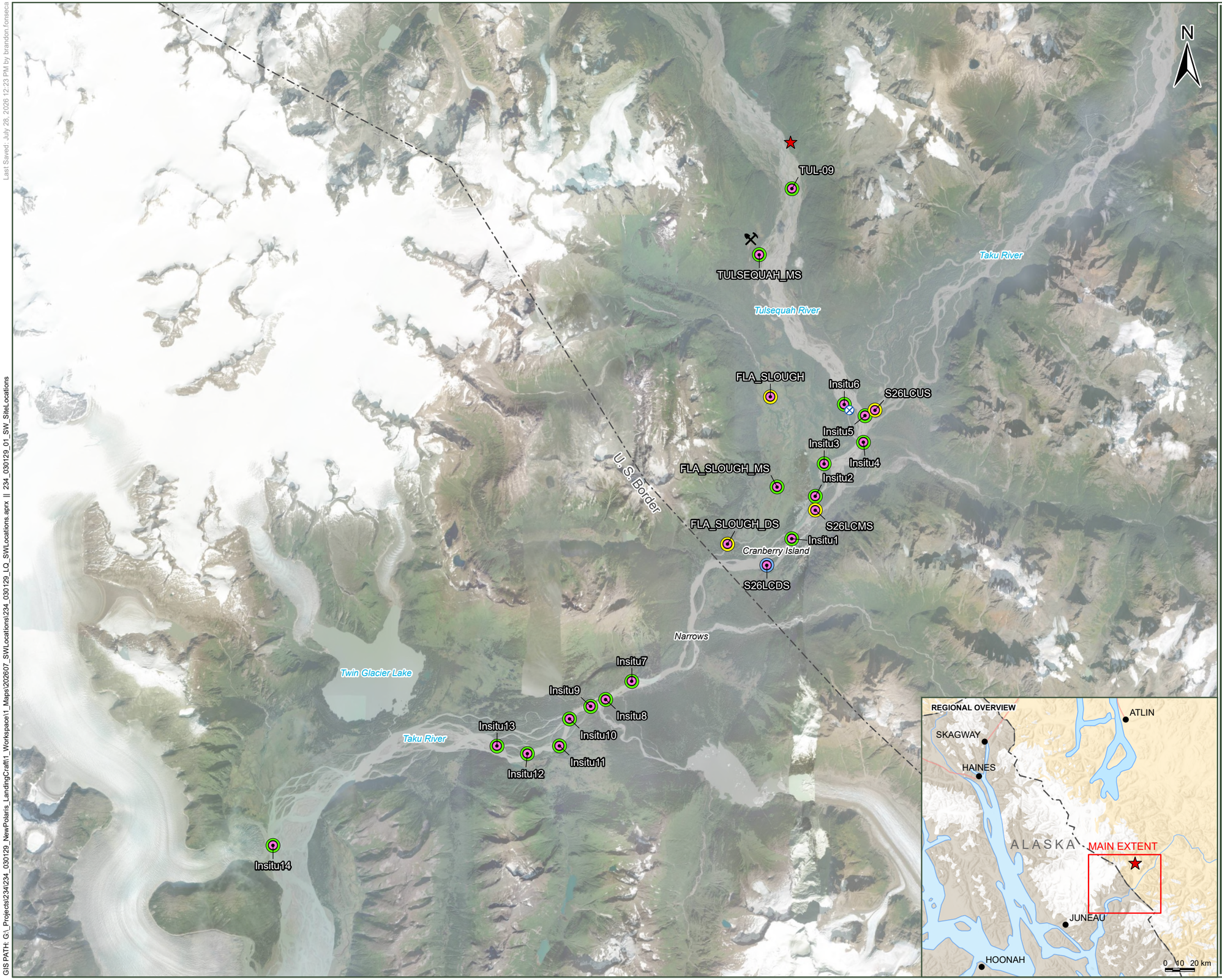
Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

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GIS PATH: G:_Projects\234\234_030129_NewPolaris_LandingCraft\1_Workspace\1_Maps\202607_SWLocations\234_030129_LQ_SWLocations.aprx || 234_030129_01_SW_SiteLocations



LEGEND:

- NEW POLARIS MINE
- TULSEQUAH CHIEF MINE SITE
- PROPOSED LANDING
- SURFACE WATER SITE LOCATION
- BORDER

SAMPLE TYPE

- IN SITU READINGS ONLY
- WATER QUALITY SAMPLE
- WATER QUALITY + SEDIMENT SAMPLE



Notes: Regional overview base data provided by Natural Resources Canada (North America Atlas).

Service Layer Credits: Earthstar Geographics, Esri, USGS

0 1 2 4 6 km

SCALE: 1:150,000
PAGE SIZE 11 x 17
NAD 1983 UTM Zone 8N

THIS MAP IS FOR CONCEPTUAL PURPOSES ONLY AND SHOULD NOT BE USED FOR NAVIGATION

NEW POLARIS MINE, TULSEQUAH CHIEF MINE
ATLIN, BC

MONITORING PLAN

SURFACE WATER SITE LOCATIONS

SLR

FIGURE NO:
1

DATE: July 28, 2026

PROJECT NO: 241.030129.00001

Appendix A Photolog

River Transport Trial Monitoring

Post-Field Memorandum

Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

Photo 1: Landing craft moored at Cranberry Island (June 15, 2026)



Photo 2: Landing craft turning around on the Tulsequah River, just upstream of the confluence with the Taku River (June 12, 2026)



Photo 3: Landing craft dropping ramp on the Tulsequah River, just upstream of the confluence with the Taku River (June 14, 2026)



Photo 4: Landing craft grounded in shallow section of the Taku River (June 12, 2026)



Photo 5: Guide boat, monitoring boat and landing craft on the lower Taku River (June 14, 2026)



Photo 6: Wake monitoring at Cranberry Island (June 13, 2026)



Photo 7: Wake monitoring in the Narrows (June 13, 2026)



Photo 8: Surface water sampling location LCUS on the Taku River (June 12, 2026)



Photo 9: Insitu readings, Tulsequah River upstream of New Polaris (June 15, 2026)



Photo 10: Sediment samples collected at Cranberry Island (June 13, 2026)



Photo 11: Flannigan Slough, downstream sample location (June 15, 2026)



Photo 12: Flannigan Slough, upstream sample location (June 15, 2026)



Appendix B River Transport Insitu Readings

River Transport Trial Monitoring

Post-Field Memorandum

Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

Table B1: Series of Insitu Readings, June 14, 2026

River	Site ID	Relation to LC	Temperature (°C)	DO (mg/L)	SPC (µS/cm @ 25°C)	pH	Turbidity (NTU)	UTM_E_N83	UTM_N_N83	UTM_Zone
Taku	Insitu14*	Before	8.3	11.70	134.0	7.21	63.5	559,764.72	6,483,014.58	8
		After	8.2	11.79	133.9	6.96	67.0	559,867.45	6,482,220.34	8
	Insitu13*	Before	7.7	11.83	131.2	7.74	66.0	569,033.47	6,486,694.09	8
		After	7.7	11.87	131.1	7.87	66.7	568,966.88	6,486,773.15	8
	Insitu12*	Before	7.7	11.80	132.8	7.87	67.0	570,268.81	6,486,433.79	8
		After	7.7	11.80	132.8	7.87	66.9	570,211.58	6,486,415.69	8
	Insitu11*	Before	8.1	11.71	138.7	7.80	68.9	571,571.95	6,486,764.61	8
		After	8.2	11.68	138.5	7.86	69.8	571,527.39	6,486,717.55	8
	Insitu10*	Before	8.0	11.79	137.0	7.75	67.0	571,970.69	6,487,882.32	8
		After	8.2	11.79	133.2	7.79	67.0	571,979.38	6,487,813.72	8
	Insitu9*	Before	8.0	11.74	136.4	7.72	68.2	572,893.10	6,488,374.54	8
		After	8.2	11.72	135.6	7.75	69.0	572,773.41	6,488,349.87	8
	Insitu8*	Before	8.1	11.73	138.0	7.57	68.1	573,476.27	6,488,667.25	8
		After	8.3	11.78	136.1	7.62	68.2	573,441.52	6,488,633.59	8
	Insitu7*	Before	8.1	11.70	138.2	6.99	66.0	574,553.06	6,489,391.39	8
		After	8.1	11.75	138.4	7.26	71.9	574,503.47	6,489,394.99	8
	Insitu1	Before	8.2	11.59	137.6	7.20	68.5	581,138.12	6,495,293.68	8
		After	8.2	11.67	145.8	7.39	76.5	581,064.10	6,495,208.61	8
	Insitu2	Before	7.3	11.82	136.9	6.27	74.2	582,073.06	6,496,999.28	8
		After	7.5	11.89	139.0	7.26	76.3	582,063.59	6,496,990.06	8
	Insitu3	Before	4.7	12.68	106.8	7.39	44.0	582,521.14	6,498,379.64	8
		After	7.1	12.15	134.9	7.53	64.7	582,449.43	6,498,344.24	8
	Insitu4	Before	8.7	11.66	152.8	7.69	75.7	584,048.85	6,499,255.14	8
		After	8.7	11.64	152.9	7.80	84.3	584,023.38	6,499,149.91	8
	Insitu5	Before	3.2	12.85	90.5	7.76	30.0	584,102.86	6,500,309.10	8
		After	3.2	13.13	90.4	7.55	32.6	584,116.79	6,500,307.72	8
Tulsequah	Insitu6	Before	4.8	13.19	90.5	7.80	31.4	583,291.52	6,500,742.16	8
		After	3.4	13.18	89.8	7.53	115.8	584,010.03	6,500,331.14	8

Notes:

*: Readings taken while the landing craft was traveling downstream

Appendix C River Transport Surface Water Quality

River Transport Trial Monitoring

Post-Field Memorandum

Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

Table C1: Field Measurements Collected Along the Taku and Tulsequah Rivers

Site ID	Formatted Date	Surface Water Collected	Temperature (°C)	DO (mg/L)	SPC (µS/cm @ 25°C)	pH	Turbidity (NTU)	UTM_E_N83	UTM_N_N83	UTM_Zone
S26LCDS	20260612	Yes, before landing craft	7.8	11.41	142.1	7.96	74.3	580,073.15	6,494,179.02	8
S26LCDS	20260613	Yes, after landing craft	8.1	11.70	142.4	8.01	74.8	580,069.45	6,494,184.16	8
S26LCMS	20260612	Yes	10.1	11.59	145.0	8.02	81.8	581,438.60	6,495,790.08	8
S26LCUS	20260612	Yes	10.7	11.40	124.7	8.04	92.0	584,337.62	6,500,065.45	8
S26LCUS	20260613	No	9.2	11.00	142.6	7.96	94.0	584,292.67	6,500,117.47	8
TULSEQUAH_MS	20260615	No	3.6	13.26	86.0	7.64	40.7	579,767.00	6,506,922.79	8
TUL-09	20260615	No	3.2	13.13	85.2	7.72	44.3	581,108.85	6,509,628.40	8

Table C2: General Parameters, Inorganics and Carbon in Surface Water

								General Parameters, Inorganics and Carbon																			
								pH (lab)	Hardness	Hardness (dissolved)	Electrical Conductivity (lab)	Total Dissolved Solids	Total Suspended Solids	Turbidity (lab)	Alkalinity (Total) (as CaCO3)	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity-P	Hydroxide	Bromide	Chloride ion	Fluoride	Sulphate	Sulphur (as S) (dissolved)	Ammonia (as N)	Nitrite (as N)	Nitrate and Nitrite (as N)	Nitrogen (Total)	Orthophosphate	Phosphorus (Total)	Dissolved Organic Carbon
							RDL		0.5	0.5	2	10	1	0.1	1	1	1	1	1	0.01	1	0.05	1	15	0.015	0.005	0.02	0.02	0.003	0.003	0.5
								pH	mg/L	mg/L	µS/cm	mg/L	mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
							BC WQG (Approved) AWF, Long-term	6.5-9.0	ns	ns	ns	ns	bkgd+(5,10,10%) see notes	bkgd +(2,5,10%) see notes	ns	ns	ns	ns	ns	ns	150	ns	128-218	ns	0.0001	0.02	3	ns	ns	ns	ns
							CCME WQG Freshwater Aquatic Life (long term)	6.5-9.0	ng	ng	ng	ng	bkgd+(5,25,10%) see notes	bkgd+(2,8,10%) see notes	ng	ng	ng	ng	ng	ng	120	ng	ng	ng	0.018-19	0.06	ng	ng	ng	ng	ng
Site Area	Sample Location	Location Name	Sample ID	Sample Type	Sample Date																									
	S26LC_TUL	S26LC_TUL	S26LC_TUL	N	2026-Jun-13	6.78	32.7	39.3	97	56	10	28	29	35	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	0.053	15	-	< 0.015	< 0.0050	0.067	0.085	< 0.0030	0.03	< 0.50
	S26LCDS	S26LCDS	S26LCDS	N	2026-Jun-12	7.43	63.2	70.4	150	96	96	77	62	75	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	12	-	< 0.015	< 0.0050	0.077	0.208	0.0037	-	2.4
			S26LCDS	N	2026-Jun-13	7.56	60.4	70.7	150	96	140	82	62	76	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	12	-	< 0.015	< 0.0050	0.088	0.199	0.0033	0.17	2.4
			S26LC_DUP	FD	2026-Jun-13	7.51	57.6	70.9	160	84	160	94	63	77	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	12	-	< 0.015	< 0.0050	0.077	0.186	< 0.0030	0.2	2.4
	S26LCMS	S26LCMS	S26LCMS	N	2026-Jun-12	7.62	59.9	72.7	160	88	150	100	64	78	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	12	-	< 0.015	< 0.0050	0.083	0.228	< 0.0030	0.24	2.7
	S26LCUS	S26LCUS	S26LCUS	N	2026-Jun-12	7.57	65.4	73.2	160	88	160	100	66	81	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	12	-	< 0.015	< 0.0050	0.086	0.219	< 0.0030	0.25	2.8
QAQC	FIELD BLANK	FIELD BLANK	S26LC_FB	FB	2026-Jun-13	6.41[n2]	< 0.50	< 0.50	< 2.0	< 10	< 1.0	0.26	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.010	< 1.0	< 0.050	< 1.0	-	< 0.015	< 0.0050	< 0.020	< 0.020	< 0.0030	< 0.0030	< 0.50

Notes:	Notes:	
•	•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	'-'	sample not analyzed for parameter indicated
<	<	less than reported detection limit
RDL	RDL	reported detection limit
µS/cm	µS/cm	microsiemen per centimetre
deg C	deg C	degree Celsius
mg/L	mg/L	milligram per litre
NTU	NTU	nephelometric turbidity unit
pH	pH	potential of hydrogen
ns	ns	no standard
ng	ng	no guideline
BC WQG (Approved) AWF, Long-term	BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Background information is not available; the guideline n1 - Background information is not available; the guideline cannot be reliably applied
n2 - Laboratory pH was not evaluated where in-situ pH me n2 - Laboratory pH was not evaluated where in-situ pH measurements were available

Table C3: Dissolved Metals in Surface Water

				Dissolved Metals																
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium III+VI	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese
RDL				0.0005 - 0.003	0.00002 - 0.0005	0.00002 - 0.0001	0.00002 - 0.001	0.00001 - 0.0001	0.000005 - 0.001	0.01 - 0.05	0.000005 - 0.00001	0.05 - 0.25	0.0001 - 0.001	0.000005 - 0.0002	0.00005 - 0.0002	0.001 - 0.005	0.000005 - 0.0002	0.0005 - 0.002	0.05 - 0.25	0.00005 - 0.001
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term				ns	ns	ns	ns	ns	ns	ns	0.000018 - 0.00015	ns	ns	0.00039 - 0.00043	0.0002 - 0.0012	ns	0.00075 - 0.0032	ns	ns	0.1 - 100
CCME WQG Freshwater Aquatic Life (long term)				ng	ng	ng	ng	ng	ng	ng	0.000040-0.00012	ng	ng	ng	ng	ng	ng	ng	ng	0.2
Sample Location	**Sample ID**	**Sample Type**	**Sample Date**																	
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	0.0259	< 0.00050	0.00062	0.0195	< 0.00010	< 0.0010	< 0.05	< 0.000010	13.3	< 0.0010	< 0.00020	0.00028	< 0.0050	< 0.00020	< 0.0020	1.52	0.0037
S26LCDS	S26LCDS	N	2026-Jun-12	0.0259	< 0.00050	0.00059	0.0292	< 0.00010	< 0.0010	< 0.05	< 0.000010	21.5	< 0.0010	< 0.00020	0.00107	0.0102	< 0.00020	< 0.0020	4.04	< 0.0010
	S26LCDS	N	2026-Jun-13	0.0241	< 0.00050	0.00053	0.0269	< 0.00010	< 0.0010	< 0.05	< 0.000010	21.6	< 0.0010	< 0.00020	0.00115	0.0129	< 0.00020	< 0.0020	4.08	< 0.0010
	S26LC_DUP	FD	2026-Jun-13	0.0244	< 0.00050	0.00055	0.0282	< 0.00010	< 0.0010	< 0.05	< 0.000010	21.7	< 0.0010	< 0.00020	0.00109	0.0106	< 0.00020	< 0.0020	4.04	0.0027
S26LCMS	S26LCMS	N	2026-Jun-12	0.0275	< 0.00050	0.00055	0.0273	< 0.00010	< 0.0010	< 0.05	< 0.000010	22.2	< 0.0010	< 0.00020	0.00127	0.0156	< 0.00020	< 0.0020	4.21	< 0.0010
S26LCUS	S26LCUS	N	2026-Jun-12	0.0238	< 0.00050	0.00054	0.028	< 0.00010	< 0.0010	< 0.05	< 0.000010	22.1	< 0.0010	< 0.00020	0.00125	0.0116	< 0.00020	< 0.0020	4.4	0.0015
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.0030	< 0.00050	< 0.00010	< 0.0010	< 0.00010	< 0.0010	< 0.05	< 0.000010	< 0.050	< 0.0010	< 0.00020	< 0.00020	< 0.0050	< 0.00020	< 0.0020	< 0.050	< 0.0010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table C3: Dissolved Metals in Surface Water

				Dissolved Metals														
				Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
RDL				0.0000019	0.00005 - 0.001	0.00002 - 0.001	0.002 - 0.01	0.05 - 0.25	0.00004 - 0.0001	0.05 - 0.1	0.000005 - 0.00002	0.05 - 0.25	0.00005 - 0.001	0.000002 - 0.00001	0.0002 - 0.005	0.0005 - 0.005	0.000002 - 0.0001	0.0002 - 0.005	0.0001 - 0.005	0.0001
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term				ns	ns	0.0002 - 0.0018	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	0.0012 - 0.0057	ns
CCME WQG Freshwater Aquatic Life (long term)				ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.006	ng
Sample Location	**Sample ID**	**Sample Type**	**Sample Date**																	
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	< 0.0000019	0.0022	< 0.0010	< 0.01	0.841	0.00018	0.947	< 0.000020	0.753	0.0653	< 0.000010	< 0.0050	< 0.0050	0.00041	< 0.0050	< 0.0050	< 0.00010
S26LCDS	S26LCDS	N	2026-Jun-12	< 0.0000019	0.0015	< 0.0010	< 0.01	0.56	0.0002	2.32	< 0.000020	1.33	0.144	< 0.000010	< 0.0050	< 0.0050	0.00046	< 0.0050	< 0.0050	< 0.00010
	S26LCDS	N	2026-Jun-13	< 0.0000019	0.0016	< 0.0010	< 0.01	0.561	0.0002	2.34	< 0.000020	1.39	0.14	< 0.000010	< 0.0050	< 0.0050	0.00046	< 0.0050	< 0.0050	< 0.00010
	S26LC_DUP	FD	2026-Jun-13	< 0.0000019	0.0015	< 0.0010	< 0.01	0.566	0.00022	2.31	< 0.000020	1.38	0.142	< 0.000010	< 0.0050	< 0.0050	0.00047	< 0.0050	< 0.0050	< 0.00010
S26LCMS	S26LCMS	N	2026-Jun-12	< 0.0000019	0.0015	< 0.0010	< 0.01	0.5	0.00019	2.46	< 0.000020	1.4	0.147	< 0.000010	< 0.0050	< 0.0050	0.00046	< 0.0050	< 0.0050	< 0.00010
S26LCUS	S26LCUS	N	2026-Jun-12	< 0.0000019	0.0014	< 0.0010	< 0.01	0.497	0.00021	2.52	< 0.000020	1.45	0.153	< 0.000010	< 0.0050	< 0.0050	0.00045	< 0.0050	< 0.0050	< 0.00010
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.0000019	< 0.0010	< 0.0010	< 0.01	< 0.050	< 0.00010	< 0.1	< 0.000020	< 0.050	< 0.0010	< 0.000010	< 0.0050	< 0.0050	< 0.00010	< 0.0050	< 0.0050	< 0.00010

Notes:

•	samples collected at the same location and
'-'	sample not analyzed for parameter indicate
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Fre
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Pro

Table C4: Total Metals in Surface Water

				Total Metals							
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium
			RDL	0.003	0.0005	0.0001	0.001	0.0001	0.001	0.05	0.00001
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	0.0018 - 0.27	0.074	0.005	ns	ns	ns	1.2	ns
			CCME WQG Freshwater Aquatic Life (long term)	0.0050-0.10	ng	0.005	ng	ng	ng	1.5	0.000040-0.00012
Sample Location	Sample ID	Sample Type	Sample Date								
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	0.281	< 0.00050	0.00087	0.0185	< 0.00010	< 0.0010	< 0.05	< 0.000010
S26LCUS	S26LCUS	N	2026-Jun-12	0.0193	< 0.00050	0.00108	0.0258	< 0.00010	< 0.0010	< 0.05	< 0.000010
S26LCMS	S26LCMS	N	2026-Jun-12	0.0217	< 0.00050	0.00093	0.0226	< 0.00010	< 0.0010	< 0.05	< 0.000010
S26LCDS	S26LCDS	N	2026-Jun-12	0.0251	< 0.00050	0.00073	0.0248	< 0.00010	< 0.0010	< 0.05	< 0.000010
	S26LCDS	N	2026-Jun-13	0.246	< 0.00050	0.00096	0.0253	< 0.00010	< 0.0010	< 0.05	< 0.000010
	S26LC_DUP	FD	2026-Jun-13	0.264	< 0.00050	0.00102	0.0272	< 0.00010	< 0.0010	< 0.05	< 0.000010
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.0030	< 0.00050	< 0.00010	< 0.0010	< 0.00010	< 0.0010	< 0.05	< 0.000010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)
n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication	

Table C4: Total Metals in Surface Water

					Total Metals			
					Calcium	Chromium III+VI	Cobalt	Copper
RDL					0.05	0.001	0.0002	0.0005
					mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term					ns	ns	ns	ns
CCME WQG Freshwater Aquatic Life (long term)					ng	ng	ng	0.002
Sample Location	Sample ID	Sample Type	Sample Date					
S26LC_TUL	S26LC_TUL	N	2026-Jun-13		10.9	< 0.0010	< 0.00020	< 0.00050
S26LCUS	S26LCUS	N	2026-Jun-12		20.6	< 0.0010	< 0.00020	0.00058
S26LCMS	S26LCMS	N	2026-Jun-12		18.5	< 0.0010	< 0.00020	0.00059
S26LCDS	S26LCDS	N	2026-Jun-12		19.4	< 0.0010	< 0.00020	< 0.00050
	S26LCDS	N	2026-Jun-13		18.8	< 0.0010	< 0.00020	0.00075
	S26LC_DUP	FD	2026-Jun-13		18.1	< 0.0010	< 0.00020	0.00071
FIELD BLANK	S26LC_FB	FB	2026-Jun-13		< 0.050	< 0.0010	< 0.00020	< 0.00050

					Total Metals		
					Iron	Lead	Lithium
RDL					0.01	0.0002	0.002
					mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term					0.0355 - 0.165	ns	ns
CCME WQG Freshwater Aquatic Life (long term)					0.3	0.0010-0.0021	ng
Sample Location	Sample ID	Sample Type	Sample Date				
S26LC_TUL	S26LC_TUL	N	2026-Jun-13		0.2	< 0.00020	< 0.0020
S26LCUS	S26LCUS	N	2026-Jun-12		< 0.01	< 0.00020	< 0.0020
S26LCMS	S26LCMS	N	2026-Jun-12		< 0.01	< 0.00020	< 0.0020
S26LCDS	S26LCDS	N	2026-Jun-12		< 0.01	< 0.00020	< 0.0020
	S26LCDS	N	2026-Jun-13		0.19	< 0.00020	< 0.0020
	S26LC_DUP	FD	2026-Jun-13		0.175	< 0.00020	< 0.0020
FIELD BLANK	S26LC_FB	FB	2026-Jun-13		< 0.01	< 0.00020	< 0.0020

Notes:

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'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

Table C4: Total Metals in Surface Water

				Total Metals						
				Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium
			RDL	0.05	0.001	0.0000019	0.001	0.001	0.003 - 0.01	0.05
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	ns	ns	0.00000125	7.6	ns	0.005	ns
			CCME WQG Freshwater Aquatic Life (long term)	ng	ng	0.000026	0.073	0.025-0.075	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date							
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	1.36	0.004	0.000003	0.0023	< 0.0010	< 0.01	0.932
S26LCUS	S26LCUS	N	2026-Jun-12	3.36	< 0.0010	0.000016	0.0016	< 0.0010	< 0.01	0.576
S26LCMS	S26LCMS	N	2026-Jun-12	3.34	< 0.0010	0.0000142	0.0017	< 0.0010	< 0.01	0.544
S26LCDS	S26LCDS	N	2026-Jun-12	3.57	< 0.0010	0.0000174	0.0017	< 0.0010	0.28/< 0.01[n1]	0.585
	S26LCDS	N	2026-Jun-13	3.26	0.0039	0.0000104	0.0017	< 0.0010	< 0.01	0.644
	S26LC_DUP	FD	2026-Jun-13	2.99	0.0038	0.0000166	0.0017	< 0.0010	< 0.01	0.661
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.050	< 0.0010	< 0.0000019	< 0.0010	< 0.0010	< 0.01	< 0.050

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

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Table C4: Total Metals in Surface Water

				Total Metals				
				Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin
			RDL	0.0001	0.1	0.00002	0.05	0.001	0.00001	0.005
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	0.002	ns	0.00012	ns	ns	ns	ns
			CCME WQG Freshwater Aquatic Life (long term)	0.001	ng	0.00025	ng	ng	0.0008	ng
Sample Location	Sample ID	Sample Type	Sample Date							
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	0.00018	1.86	< 0.000020	0.811	0.0548	< 0.000010	< 0.0050
S26LCUS	S26LCUS	N	2026-Jun-12	0.00026	3.67	< 0.000020	1.64	0.17	< 0.000010	< 0.0050
S26LCMS	S26LCMS	N	2026-Jun-12	0.00023	3.22	< 0.000020	1.54	0.139	< 0.000010	< 0.0050
S26LCDS	S26LCDS	N	2026-Jun-12	0.00021	2.76	< 0.000020	1.44	0.134	< 0.000010	< 0.0050
	S26LCDS	N	2026-Jun-13	0.00022	3.7	< 0.000020	1.5	0.132	< 0.000010	< 0.0050
	S26LC_DUP	FD	2026-Jun-13	0.00024	3.69	< 0.000020	1.47	0.129	< 0.000010	< 0.0050
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.00010	< 0.1	< 0.000020	< 0.050	< 0.0010	< 0.000010	< 0.0050

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

Table C4: Total Metals in Surface Water

				Total Metals				
				Titanium	Uranium	Vanadium	Zinc	Zirconium
			RDL	0.005	0.0001	0.005	0.005	0.0001
				mg/L	mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	ns	ns	ns	ns	ns
			CCME WQG Freshwater Aquatic Life (long term)	ng	0.015	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date					
S26LC_TUL	S26LC_TUL	N	2026-Jun-13	0.0103	< 0.00010	< 0.0050	< 0.0050	< 0.00010
S26LCUS	S26LCUS	N	2026-Jun-12	< 0.0050	< 0.00010	< 0.0050	< 0.0050	< 0.00010
S26LCMS	S26LCMS	N	2026-Jun-12	< 0.0050	0.00011	< 0.0050	< 0.0050	< 0.00010
S26LCDS	S26LCDS	N	2026-Jun-12	< 0.0050	0.00018	< 0.0050	< 0.0050	< 0.00010
	S26LCDS	N	2026-Jun-13	0.0089	< 0.00010	< 0.0050	< 0.0050	0.00026
	S26LC_DUP	FD	2026-Jun-13	0.0083	< 0.00010	< 0.0050	< 0.0050	0.00031
FIELD BLANK	S26LC_FB	FB	2026-Jun-13	< 0.0050	< 0.00010	< 0.0050	< 0.0050	< 0.00010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

Table C5: Relative Percent Differences in Surface Water

Site Area	Locations		
Sample Location	S26LCDS		
Location Name	S26LCDS	S26LCDS	S26LCDS
Sample Date	2026-Jun-13	2026-Jun-13	2026-Jun-13
Sample Type	N	FD	RPD
Sample ID	S26LCDS	S26LC_DUP	RPD %

Parameter Groups	Parameters	Filtered or Total	Result Unit	RDL (Parent)	RDL (Duplicate)	RPD % Limit			
Field, General Parameters, Inorganics and Carbon	pH	T	pH			50	7.56	7.51	NC
	Hardness	T	mg/L	0.50	0.50	50	60.4	57.6	5
	Hardness (dissolved)	F	mg/L	0.50	0.50	50	70.7	70.9	0
	Electrical Conductivity	T	µS/cm	2.0	2.0	50	150	160	6
	Total Dissolved Solids	T	mg/L	10	10	50	96	84	13
	Total Suspended Solids	T	mg/L	1.0	1.0	50	140	160	13
	Turbidity	T	NTU	0.10	0.10	50	82	94	14
	Alkalinity (Total) (as CaCO3)	T	mg/L	1.0	1.0	50	62	63	2
	Alkalinity, bicarbonate	T	mg/L	1.0	1.0	50	76	77	1
	Alkalinity, carbonate	T	mg/L	1.0	1.0	50	< 1.0	< 1.0	NC
	Alkalinity-P	T	mg/L	1.0	1.0	50	< 1.0	< 1.0	NC
	Hydroxide	T	mg/L	1.0	1.0	50	< 1.0	< 1.0	NC
	Bromide	T	mg/L	0.010	0.010	50	< 0.010	< 0.010	NC
	Chloride ion	F	mg/L	1.0	1.0	50	< 1.0	< 1.0	NC
	Fluoride	F	mg/L	0.050	0.050	50	< 0.050	< 0.050	NC
	Sulphate	F	mg/L	1.0	1.0	50	12	12	0
	Ammonia (as N)	T	mg/L	0.015	0.015	50	< 0.015	< 0.015	NC
	Nitrite (as N)	T	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Nitrate and Nitrite (as N)	T	mg/L	0.020	0.020	50	0.088	0.077	NC
	Nitrogen (Total)	T	mg/L	0.020	0.020	50	0.199	0.186	7
	Orthophosphate	T	mg/L	0.0030	0.0030	50	0.0033	< 0.0030	NC
	Phosphorus (Total)	T	mg/L	0.0030	0.0030	50	0.17	0.2	16
	Dissolved Organic Carbon	F	mg/L	0.50	0.50	50	2.4	2.4	NC
Dissolved Metals	Aluminum	F	mg/L	0.0030	0.0030	50	0.0241	0.0244	1
	Antimony	F	mg/L	0.00050	0.00050	50	< 0.00050	< 0.00050	NC
	Arsenic	F	mg/L	0.00010	0.00010	50	0.00053	0.00055	4
	Barium	F	mg/L	0.0010	0.0010	50	0.0269	0.0282	5
	Beryllium	F	mg/L	0.00010	0.00010	50	< 0.00010	< 0.00010	NC
	Bismuth	F	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Boron	F	mg/L	0.05	0.05	50	< 0.05	< 0.05	NC
	Cadmium	F	mg/L	0.000010	0.000010	50	< 0.000010	< 0.000010	NC
	Calcium	F	mg/L	0.050	0.050	50	21.6	21.7	0
	Chromium III+VI	F	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Cobalt	F	mg/L	0.00020	0.00020	50	< 0.00020	< 0.00020	NC
	Copper	F	mg/L	0.00020	0.00020	50	0.00115	0.00109	5
	Iron	F	mg/L	0.0050	0.0050	50	0.0129	0.0106	NC
	Lead	F	mg/L	0.00020	0.00020	50	< 0.00020	< 0.00020	NC
	Lithium	F	mg/L	0.0020	0.0020	50	< 0.0020	< 0.0020	NC
	Magnesium	F	mg/L	0.050	0.050	50	4.08	4.04	1
	Manganese	F	mg/L	0.0010	0.0010	50	< 0.0010	0.0027	NC
	Mercury	F	mg/L	0.0000019	0.0000019	50	< 0.0000019	< 0.0000019	NC
	Molybdenum	F	mg/L	0.0010	0.0010	50	0.0016	0.0015	NC
	Nickel	F	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Phosphorus	F	mg/L	0.01	0.01	50	< 0.01	< 0.01	NC
	Potassium	F	mg/L	0.050	0.050	50	0.561	0.566	1
	Selenium	F	mg/L	0.00010	0.00010	50	0.0002	0.00022	NC
	Silicon	F	mg/L	0.1	0.1	50	2.34	2.31	1
	Silver	F	mg/L	0.000020	0.000020	50	< 0.000020	< 0.000020	NC
	Sodium	F	mg/L	0.050	0.050	50	1.39	1.38	1
	Strontium	F	mg/L	0.0010	0.0010	50	0.14	0.142	1
	Thallium	F	mg/L	0.000010	0.000010	50	< 0.000010	< 0.000010	NC
	Tin	F	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Titanium	F	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Uranium	F	mg/L	0.00010	0.00010	50	0.00046	0.00047	NC
	Vanadium	F	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Zinc	F	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Zirconium	F	mg/L	0.00010	0.00010	50	< 0.00010	< 0.00010	NC
Total Metals	Aluminum	T	mg/L	0.0030	0.0030	50	0.246	0.264	7
	Antimony	T	mg/L	0.00050	0.00050	50	< 0.00050	< 0.00050	NC
	Arsenic	T	mg/L	0.00010	0.00010	50	0.00096	0.00102	6
	Barium	T	mg/L	0.0010	0.0010	50	0.0253	0.0272	7
	Beryllium	T	mg/L	0.00010	0.00010	50	< 0.00010	< 0.00010	NC
	Bismuth	T	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Boron	T	mg/L	0.05	0.05	50	< 0.05	< 0.05	NC
	Cadmium	T	mg/L	0.000010	0.000010	50	< 0.000010	< 0.000010	NC
	Calcium	T	mg/L	0.050	0.050	50	18.8	18.1	4
	Chromium III+VI	T	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Cobalt	T	mg/L	0.00020	0.00020	50	< 0.00020	< 0.00020	NC
	Copper	T	mg/L	0.00050	0.00050	50	0.00075	0.00071	NC
	Iron	T	mg/L	0.01	0.01	50	0.19	0.175	8
	Lead	T	mg/L	0.00020	0.00020	50	< 0.00020	< 0.00020	NC
	Lithium	T	mg/L	0.0020	0.0020	50	< 0.0020	< 0.0020	NC
	Magnesium	T	mg/L	0.050	0.050	50	3.26	2.99	9
	Manganese	T	mg/L	0.0010	0.0010	50	0.0039	0.0038	NC
	Mercury	T	mg/L	0.0000019	0.0000019	50	0.0000104	0.0000166	46
	Molybdenum	T	mg/L	0.0010	0.0010	50	0.0017	0.0017	NC
	Nickel	T	mg/L	0.0010	0.0010	50	< 0.0010	< 0.0010	NC
	Phosphorus	T	mg/L	0.01	0.01	50	< 0.01	< 0.01	NC
	Potassium	T	mg/L	0.050	0.050	50	0.644	0.661	3
	Selenium	T	mg/L	0.00010	0.00010	50	0.00022	0.00024	NC
	Silicon	T	mg/L	0.1	0.1	50	3.7	3.69	0
	Silver	T	mg/L	0.000020	0.000020	50	< 0.000020	< 0.000020	NC
	Sodium	T	mg/L	0.050	0.050	50	1.5	1.47	2
	Strontium	T	mg/L	0.0010	0.0010	50	0.132	0.129	2
	Thallium	T	mg/L	0.000010	0.000010	50	< 0.000010	< 0.000010	NC
	Tin	T	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Titanium	T	mg/L	0.0050	0.0050	50	0.0089	0.0083	NC
	Uranium	T	mg/L	0.00010	0.00010	50	< 0.00010	< 0.00010	NC
	Vanadium	T	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Zinc	T	mg/L	0.0050	0.0050	50	< 0.0050	< 0.0050	NC
	Zirconium	T	mg/L	0.00010	0.00010	50	0.00026	0.00031	NC

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Sample Type	N (Normal)
Sample Type	FD (Duplicate)
RPD	relative percent difference
mBG	metres below grade.
m	metres
µS/cm	microsiemen per centimetre
mg/L	milligram per litre
NTU	nephelometric turbidity unit
pH	potential of hydrogen
NC	not calculated
RPD % Limit	NC is shown when the RPD was not calculated. The RPD is calculated when the results are 5 times greater than the detection limit. RPD Limit Exceedances are when the RPD is greater than 50%

BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
Aluminum (T)	If exceeds most stringent value of 1.8 µg/L, use the following equation: WGQ=e{[0.645*ln(DOC)]+[2.255*ln(hardness]+[1.995*pH]+[-0.284*(ln(hardness)*pH)]-9.898}/3
Ammonia (as N) (T)	If exceeds most stringent value of 0.102 mg/L, use the lookup table in the BC WQG Guideline Summary
Cadmium (F)	exp(0.736*LN(HARDNESS)-4.943)
Cobalt (F)	e{(0.414[ln(hardness)] - 1.887}/2; Equation is valid for hardness concentrations ranging from 52 to 396 mg/L. Outside this range, equation may not accurately reflect the relationship between hardness and cobalt toxicity.
Copper (F)	If exceeds the most stringent value of 0.2 µg/L, use the BC Biotic Ligand Model (BLM) to determine the applicable guideline
Dissolved Oxygen (field) (T)	Dissolved oxygen criteria levels are expressed as minimum rather than maximum values.
BC WQG (APPROVED) AWF LONG-TERM	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
BC WQG (APPROVED) AWF LONG-TERM	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
Lead (F)	If exceeds the most stringent value of 0.75 µg/L, use the guideline equation: exp(0.514[ln(DOC)] + 0.214[ln(Hardness)] + 0.4354)/2
Manganese (F)	If exceeds the most stringent value of 100 µg/L, use the BC WQG calculator
Mercury (T)	0.00125 when MeHg=8.0% of THg, 0.01 when MeHg = 1.0% of THg, 0.02 when MeHg = 0.5% of THg, refer to technical document
Nickel (F)	If exceeds the most stringent guideline of 0.2 µg/L, use the BC Biotic Ligand Model (BLM) to determine the applicable guideline
Nitrite (as N) (T)	20µg/L @ Cl<2mg/L 40µg/L @ Cl=2<4mg/L 60µg/L @ Cl=4<6mg/L 80µg/L @ Cl=6<8mg/L 100µg/L @ Cl=8<10mg/L 200µg/L @ Cl>=10mg/L
Phosphorus (T)	Guideline applies only to lakes to protect against eutrophication; there is no proposed BC WQG guideline for phosphorus in streams for the protection of aquatic life
Sulphate (F)	128mg/L @ H<= 30mg/L 218mg/L @ H=30<=75mg/L 309mg/L @ H=75<=180mg/L 429mg/L @ H=180<=240mg/L
Temperature (field) (T)	Guideline is a conservative screening value to trigger users to refer to guideline for applicable factors.
Total Suspended Solids (T)	Background +5 mg/L at any one time over 30 d when TSS < 25 mg/L; background +10 mg/L at any time when background is 25 - 100 mg/L; background +10% when background is > 100 mg/L
Turbidity (T)	During clear flows or in clear waters: a change of 2 NTU from background at any one time for a duration of 30 days in all waters. When background is 8-50 NTU during high flows or in turbid waters: a change of 5 NTU from background at any time. When background is >50 NTU at any time during high flows or in turbid waters: a change of 10% from background at any time.
Turbidity (field) (T)	During clear flows or in clear waters: a change of 2 NTU from background at any one time for a duration of 30 days in all waters. When background is 8-50 NTU during high flows or in turbid waters: a change of 5 NTU from background at any time. When background is >50 NTU at any time during high flows or in turbid waters: a change of 10% from background at any time.
Zinc (F)	If exceeds the most stringent value of 3.1 µg/L, use the following equation: WGQ=exp(0.947[ln(hardness)] - 0.815[pH] + 0.398[ln(DOC)] + 4.625)/2
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)
Aluminum (T)	5µg/L @ pH<6.5 100µg/L @ pH>=6.5
CCME WQG FW AL (LONG TERM)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)
Cadmium (F)	10{0.83(log[hardness]) – 2.46}
Cadmium (T)	10{0.83(log[hardness]) – 2.46}
Copper (T)	0.2 * exp{0.8545[ln(hardness)]-1.465}
Lead (T)	exp(1.273[LN(HARDNESS)]-4.705)
Manganese (F)	If exceeds the most stringent value of 200 µg/L, use the CWQG calculator
Nickel (T)	exp{0.76[ln(hardness)]+1.06}
Total Suspended Solids (T)	For clear flow, maximum average increase of 5 mg/L from background levels for longer term exposures. For high flow, maximum increase of 25 mg/L from background levels at any time when background levels are between 25 and 250 mg/L. Should not increase more than 10% of background levels when background is >250 mg/L.
Turbidity (T)	For clear flow, maximum average increase of 2 NTUs from background levels for a longer term exposure. For high flow, maximum increase of 8 NTUs from background levels at any one time when background levels are between 8 and 80 NTUs. Should not increase more than 10% of background levels when background is >80 NTUs.
Turbidity (field) (T)	For clear flow, maximum average increase of 2 NTUs from background levels for a longer term exposure. For high flow, maximum increase of 8 NTUs from background levels at any one time when background levels are between 8 and 80 NTUs. Should not increase more than 10% of background levels when background is >80 NTUs.
Zinc (F)	If exceeds the most stringent value of 6 µg/L, use the following calculation: CWQG = exp(0.947[ln(hardness mg·L-1)] - 0.815[pH] + 0.398[ln(DOC mg·L-1)] + 4.625)

Your P.O. #: WHR464-1
Your Project #: 234.030129.00001
Site#: LANDING CRAFT TRIALS
Site Location: NEW POLARIS MINE
Your C.O.C. #: 133293

Attention: Eliane Roy

SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse, YT
CANADA Y1A 1N2

Report Date: 2026/06/25
Report #: R3798638
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C636496
Received: 2026/06/17, 15:12

Sample Matrix: Surface Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	5	N/A	2026/06/19	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	2	N/A	2026/06/20	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	7	N/A	2026/06/19	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Carbon (DOC) (1)	6	N/A	2026/06/19	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) (1)	1	N/A	2026/06/23	BBY6SOP-00053	SM 24 5310 B m
Conductivity @25C	5	N/A	2026/06/19	BBY6SOP-00026	SM 24 2510 B m
Conductivity @25C	2	N/A	2026/06/20	BBY6SOP-00026	SM 24 2510 B m
Fluoride	7	N/A	2026/06/22	BBY6SOP-00037	SM 24 4500-F C m
Hardness Total (calculated as CaCO3) (2)	7	N/A	2026/06/25	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	7	N/A	2026/06/25	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV (3)	7	2026/06/22	2026/06/22	BBY7SOP-00032	BCMOE LMAug2023 C m
Mercury (Total) by CV	7	2026/06/23	2026/06/23	BBY7SOP-00032	BCMOE LMAug2023 C m
Bromide as Bromine (Br) by ICPMS	7	N/A	2026/06/23	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2026/06/25	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (lab filtered) (4)	7	N/A	2026/06/24	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	7	2026/06/18	2026/06/25	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total)	7	2026/06/22	2026/06/25	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	7	N/A	2026/06/23	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	7	N/A	2026/06/19	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	7	N/A	2026/06/20	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	7	N/A	2026/06/20	BBY6SOP-00010	SM 24 4500-NO2- m
pH @25°C (5)	5	N/A	2026/06/19	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (5)	2	N/A	2026/06/20	BBY6SOP-00026	SM 24 4500-H+ B m
Orthophosphate by Automated Analyzer (6)	7	N/A	2026/06/19	BBY6SOP-00013	SM 24 4500-P E m
Total Dissolved Solids (Filt. Residue)	7	2026/06/19	2026/06/22	BBY6SOP-00033	SM 24 2540 C m
Total Phosphorus	7	2026/06/22	2026/06/23	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	7	2026/06/19	2026/06/22	BBY6SOP-00034	SM 24 2540 D m
Turbidity	7	N/A	2026/06/19	BBY6SOP-00027	SM 24 2130 B m

Remarks:

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: WHR464-1
Your Project #: 234.030129.00001
Site#: LANDING CRAFT TRIALS
Site Location: NEW POLARIS MINE
Your C.O.C. #: 133293

Attention: Eliane Roy

SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse, YT
CANADA Y1A 1N2

Report Date: 2026/06/25
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CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C636496
Received: 2026/06/17, 15:12

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(2) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(3) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(6) Orthophosphate > Total Phosphorus Imbalance: When applicable, Orthophosphate, Total Phosphorus and dissolved Phosphorus results were reviewed and data quality meets acceptable levels unless otherwise noted.

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Encryption Key



Linsay Sunderman
Senior Project Manager
25 Jun 2026 19:26:54

Please direct all questions regarding this Certificate of Analysis to:
Linsay Sunderman, Senior Project Manager
Email: linsay.sunderman@bureauveritas.com
Phone# (604) 734 7276

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

RESULTS OF CHEMICAL ANALYSES OF SURFACE WATER

Bureau Veritas ID		EHB347		EHB348		EHB349		EHB350		
Sampling Date		2026/06/12 09:50		2026/06/12 16:15		2026/06/12 16:40		2026/06/13 09:30		
COC Number		133293		133293		133293		133293		
	UNITS	S26LCDS	QC Batch	S26LCMS	QC Batch	S26LCUS	QC Batch	S26LCDS	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	C322082	<0.0050	C322082	<0.0050	C322082	<0.0050	0.0050	C322082
Calculated Parameters										
Dissolved Hardness (CaCO3)	mg/L	70.4	C318613	72.7	C318613	73.2	C318613	70.7	0.50	C318613
Total Hardness (CaCO3)	mg/L	63.2	C319993	59.9	C319993	65.4	C319993	60.4	0.50	C319993
Misc. Inorganics										
Conductivity	uS/cm	150	C321059	160	C321059	160	C321059	150	2.0	C321059
Dissolved Organic Carbon (C)	mg/L	2.4	C321240	2.7	C321240	2.8	C321240	2.4	0.50	C323264
pH	pH	7.43	C321058	7.62	C321058	7.57	C321058	7.56	N/A	C321058
Total Dissolved Solids	mg/L	96	C321237	88	C321237	88	C321237	96	10	C321237
Total Suspended Solids	mg/L	96	C321012	150	C321012	160	C321012	140	1.0	C321012
Anions										
Alkalinity (PP as CaCO3)	mg/L	<1.0	C321054	<1.0	C321054	<1.0	C321054	<1.0	1.0	C321054
Alkalinity (Total as CaCO3)	mg/L	62	C321054	64	C321054	66	C321054	62	1.0	C321054
Bicarbonate (HCO3)	mg/L	75	C321054	78	C321054	81	C321054	76	1.0	C321054
Carbonate (CO3)	mg/L	<1.0	C321054	<1.0	C321054	<1.0	C321054	<1.0	1.0	C321054
Fluoride (F)	mg/L	<0.050	C323396	<0.050	C323396	<0.050	C323396	<0.050	0.050	C323396
Hydroxide (OH)	mg/L	<1.0	C321054	<1.0	C321054	<1.0	C321054	<1.0	1.0	C321054
Chloride (Cl)	mg/L	<1.0	C321219	<1.0	C321219	<1.0	C321219	<1.0	1.0	C321219
Sulphate (SO4)	mg/L	12	C321219	12	C321219	12	C321219	12	1.0	C321219
Nutrients										
Total Ammonia (N)	mg/L	<0.015	C321315	<0.015	C321143	<0.015	C321143	<0.015	0.015	C321143
Orthophosphate (P)	mg/L	0.0037	C321227	<0.0030	C321227	<0.0030	C321227	0.0033	0.0030	C321227
Total Phosphorus (P)	mg/L	0.28	C322866	0.24	C322866	0.25	C323381	0.17	0.0030	C323381
Nitrate plus Nitrite (N)	mg/L	0.077	C322081	0.083	C322081	0.086	C322081	0.088	0.020	C322081
Total Nitrogen (N)	mg/L	0.208	C322693	0.228	C322693	0.219	C322693	0.199	0.020	C322693
Physical Properties										
Turbidity	NTU	77	C321071	100	C321071	100	C321071	82	0.10	C321071

RDL = Reportable Detection Limit
N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

RESULTS OF CHEMICAL ANALYSES OF SURFACE WATER

Bureau Veritas ID		EHB351		EHB352	EHB353		
Sampling Date		2026/06/13 14:00		2026/06/13 09:40	2026/06/13 10:10		
COC Number		133293		133293	133293		
	UNITS	S26LC_TUL	QC Batch	S26LC_DUP	S26LC_FB	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	<0.0050	C322082	<0.0050	<0.0050	0.0050	C322082
Calculated Parameters							
Dissolved Hardness (CaCO3)	mg/L	39.3	C318613	70.9	<0.50	0.50	C318613
Total Hardness (CaCO3)	mg/L	32.7	C319993	57.6	<0.50	0.50	C319993
Misc. Inorganics							
Conductivity	uS/cm	97	C321059	160	<2.0	2.0	C321106
Dissolved Organic Carbon (C)	mg/L	<0.50	C321240	2.4	<0.50	0.50	C321240
pH	pH	6.78	C321058	7.51	6.41	N/A	C321105
Total Dissolved Solids	mg/L	56	C321237	84	<10	10	C321237
Total Suspended Solids	mg/L	10	C321012	160	<1.0	1.0	C321012
Anions							
Alkalinity (PP as CaCO3)	mg/L	<1.0	C321054	<1.0	<1.0	1.0	C321060
Alkalinity (Total as CaCO3)	mg/L	29	C321054	63	<1.0	1.0	C321060
Bicarbonate (HCO3)	mg/L	35	C321054	77	<1.0	1.0	C321060
Carbonate (CO3)	mg/L	<1.0	C321054	<1.0	<1.0	1.0	C321060
Fluoride (F)	mg/L	0.053	C323396	<0.050	<0.050	0.050	C323396
Hydroxide (OH)	mg/L	<1.0	C321054	<1.0	<1.0	1.0	C321060
Chloride (Cl)	mg/L	<1.0	C321222	<1.0	<1.0	1.0	C321222
Sulphate (SO4)	mg/L	15	C321222	12	<1.0	1.0	C321222
Nutrients							
Total Ammonia (N)	mg/L	<0.015	C321143	<0.015	<0.015	0.015	C321143
Orthophosphate (P)	mg/L	<0.0030	C321227	<0.0030	<0.0030	0.0030	C321227
Total Phosphorus (P)	mg/L	0.030	C323381	0.20	<0.0030	0.0030	C323381
Nitrate plus Nitrite (N)	mg/L	0.067	C322081	0.077	<0.020	0.020	C322081
Total Nitrogen (N)	mg/L	0.085	C322693	0.186	<0.020	0.020	C322693
Physical Properties							
Turbidity	NTU	28	C321071	94	0.26	0.10	C321071

RDL = Reportable Detection Limit
N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

MERCURY BY COLD VAPOR (SURFACE WATER)

Bureau Veritas ID		EHB347	EHB348	EHB349	EHB350		EHB351	EHB352		
Sampling Date		2026/06/12 09:50	2026/06/12 16:15	2026/06/12 16:40	2026/06/13 09:30		2026/06/13 14:00	2026/06/13 09:40		
COC Number		133293	133293	133293	133293		133293	133293		
	UNITS	S26LCDS	S26LCMS	S26LCUS	S26LCDS	QC Batch	S26LC_TUL	S26LC_DUP	RDL	QC Batch
Elements										
Dissolved Mercury (Hg)	ug/L	<0.0019	<0.0019	<0.0019	<0.0019	C322408	<0.0019	<0.0019	0.0019	C322409
Total Mercury (Hg)	ug/L	0.0174	0.0142	0.0160	0.0104	C323732	0.0030	0.0166	0.0019	C323732
RDL = Reportable Detection Limit										

Bureau Veritas ID		EHB353		
Sampling Date		2026/06/13 10:10		
COC Number		133293		
	UNITS	S26LC_FB	RDL	QC Batch
Elements				
Dissolved Mercury (Hg)	ug/L	<0.0019	0.0019	C322409
Total Mercury (Hg)	ug/L	<0.0019	0.0019	C323732
RDL = Reportable Detection Limit				

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Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

Bureau Veritas ID		EHB347	EHB348	EHB349	EHB350	EHB351	EHB352	EHB353		
Sampling Date		2026/06/12 09:50	2026/06/12 16:15	2026/06/12 16:40	2026/06/13 09:30	2026/06/13 14:00	2026/06/13 09:40	2026/06/13 10:10		
COC Number		133293	133293	133293	133293	133293	133293	133293		
	UNITS	S26LCDS	S26LCMS	S26LCUS	S26LCDS	S26LC_TUL	S26LC_DUP	S26LC_FB	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	C324158
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	21.5	22.2	22.1	21.6	13.3	21.7	<0.050	0.050	C318649
Dissolved Magnesium (Mg)	mg/L	4.04	4.21	4.40	4.08	1.52	4.04	<0.050	0.050	C318649
Dissolved Potassium (K)	mg/L	0.560	0.500	0.497	0.561	0.841	0.566	<0.050	0.050	C318649
Dissolved Sodium (Na)	mg/L	1.33	1.40	1.45	1.39	0.753	1.38	<0.050	0.050	C318649
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	25.9	27.5	23.8	24.1	25.9	24.4	<3.0	3.0	C324186
Dissolved Antimony (Sb)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	C324186
Dissolved Arsenic (As)	ug/L	0.59	0.55	0.54	0.53	0.62	0.55	<0.10	0.10	C324186
Dissolved Barium (Ba)	ug/L	29.2	27.3	28.0	26.9	19.5	28.2	<1.0	1.0	C324186
Dissolved Beryllium (Be)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	C324186
Dissolved Bismuth (Bi)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C324186
Dissolved Boron (B)	ug/L	<50	<50	<50	<50	<50	<50	<50	50	C324186
Dissolved Cadmium (Cd)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	C324186
Dissolved Chromium (Cr)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C324186
Dissolved Cobalt (Co)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	C324186
Dissolved Copper (Cu)	ug/L	1.07	1.27	1.25	1.15	0.28	1.09	<0.20	0.20	C324186
Dissolved Iron (Fe)	ug/L	10.2	15.6	11.6	12.9	<5.0	10.6	<5.0	5.0	C324186
Dissolved Lead (Pb)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	C324186
Dissolved Lithium (Li)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	C324186
Dissolved Manganese (Mn)	ug/L	<1.0	<1.0	1.5	<1.0	3.7	2.7	<1.0	1.0	C324186
Dissolved Molybdenum (Mo)	ug/L	1.5	1.5	1.4	1.6	2.2	1.5	<1.0	1.0	C324186
Dissolved Nickel (Ni)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C324186
Dissolved Phosphorus (P)	ug/L	<10	<10	<10	<10	<10	<10	<10	10	C324186
Dissolved Selenium (Se)	ug/L	0.20	0.19	0.21	0.20	0.18	0.22	<0.10	0.10	C324186
Dissolved Silicon (Si)	ug/L	2320	2460	2520	2340	947	2310	<100	100	C324186
Dissolved Silver (Ag)	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	C324186
Dissolved Strontium (Sr)	ug/L	144	147	153	140	65.3	142	<1.0	1.0	C324186
Dissolved Thallium (Tl)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	C324186
Dissolved Tin (Sn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C324186

RDL = Reportable Detection Limit

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

Bureau Veritas ID		EHB347	EHB348	EHB349	EHB350	EHB351	EHB352	EHB353		
Sampling Date		2026/06/12 09:50	2026/06/12 16:15	2026/06/12 16:40	2026/06/13 09:30	2026/06/13 14:00	2026/06/13 09:40	2026/06/13 10:10		
COC Number		133293	133293	133293	133293	133293	133293	133293		
	UNITS	S26LCDS	S26LCMS	S26LCUS	S26LCDS	S26LC_TUL	S26LC_DUP	S26LC_FB	RDL	QC Batch
Dissolved Titanium (Ti)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C324186
Dissolved Uranium (U)	ug/L	0.46	0.46	0.45	0.46	0.41	0.47	<0.10	0.10	C324186
Dissolved Vanadium (V)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C324186
Dissolved Zinc (Zn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C324186
Dissolved Zirconium (Zr)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	C324186
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	25.1	21.7	19.3	246	281	264	<3.0	3.0	C322630
Total Antimony (Sb)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	C322630
Total Arsenic (As)	ug/L	0.73	0.93	1.08	0.96	0.87	1.02	<0.10	0.10	C322630
Total Barium (Ba)	ug/L	24.8	22.6	25.8	25.3	18.5	27.2	<1.0	1.0	C322630
Total Beryllium (Be)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	C322630
Total Bismuth (Bi)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C322630
Total Boron (B)	ug/L	<50	<50	<50	<50	<50	<50	<50	50	C322630
Total Cadmium (Cd)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	C322630
Total Chromium (Cr)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C322630
Total Cobalt (Co)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	C322630
Total Copper (Cu)	ug/L	<0.50	0.59	0.58	0.75	<0.50	0.71	<0.50	0.50	C322630
Total Iron (Fe)	ug/L	<10	<10	<10	190	200	175	<10	10	C322630
Total Lead (Pb)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	C322630
Total Lithium (Li)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	C322630
Total Manganese (Mn)	ug/L	<1.0	<1.0	<1.0	3.9	4.0	3.8	<1.0	1.0	C322630
Total Molybdenum (Mo)	ug/L	1.7	1.7	1.6	1.7	2.3	1.7	<1.0	1.0	C322630
Total Nickel (Ni)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	C322630
Total Phosphorus (P)	ug/L	<10	<10	<10	<10	<10	<10	<10	10	C322630
Total Selenium (Se)	ug/L	0.21	0.23	0.26	0.22	0.18	0.24	<0.10	0.10	C322630
Total Silicon (Si)	ug/L	2760	3220	3670	3700	1860	3690	<100	100	C322630
Total Silver (Ag)	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	C322630
Total Strontium (Sr)	ug/L	134	139	170	132	54.8	129	<1.0	1.0	C322630
Total Thallium (Tl)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	C322630
Total Tin (Sn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C322630
Total Titanium (Ti)	ug/L	<5.0	<5.0	<5.0	8.9	10.3	8.3	<5.0	5.0	C322630
Total Uranium (U)	ug/L	0.18	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	C322630

RDL = Reportable Detection Limit

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

Bureau Veritas ID		EHB347	EHB348	EHB349	EHB350	EHB351	EHB352	EHB353		
Sampling Date		2026/06/12 09:50	2026/06/12 16:15	2026/06/12 16:40	2026/06/13 09:30	2026/06/13 14:00	2026/06/13 09:40	2026/06/13 10:10		
COC Number		133293	133293	133293	133293	133293	133293	133293		
	UNITS	**S26LCDS**	**S26LCMS**	**S26LCUS**	**S26LCDS**	**S26LC_TUL**	**S26LC_DUP**	**S26LC_FB**	**RDL**	**QC Batch**
Total Vanadium (V)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C322630
Total Zinc (Zn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	C322630
Total Zirconium (Zr)	ug/L	<0.10	<0.10	<0.10	0.26	<0.10	0.31	<0.10	0.10	C322630
Total Calcium (Ca)	mg/L	19.4	18.5	20.6	18.8	10.9	18.1	<0.050	0.050	C318650
Total Magnesium (Mg)	mg/L	3.57	3.34	3.36	3.26	1.36	2.99	<0.050	0.050	C318650
Total Potassium (K)	mg/L	0.585	0.544	0.576	0.644	0.932	0.661	<0.050	0.050	C318650
Total Sodium (Na)	mg/L	1.44	1.54	1.64	1.50	0.811	1.47	<0.050	0.050	C318650
RDL = Reportable Detection Limit										

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GENERAL COMMENTS

Sample EHB347 [S26LCDS] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB348 [S26LCMS] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB349 [S26LCUS] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB350 [S26LCDS] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB351 [S26LC_TUL] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB352 [S26LC_DUP] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB353 [S26LC_FB] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample received past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample received past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Results relate only to the items tested.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C321012	Total Suspended Solids	2026/06/22	105	80 - 120	101	80 - 120	<1.0	mg/L	2.9	20
C321054	Alkalinity (PP as CaCO3)	2026/06/19					<1.0	mg/L	NC	20
C321054	Alkalinity (Total as CaCO3)	2026/06/19			94	80 - 120	<1.0	mg/L	0.63	20
C321054	Bicarbonate (HCO3)	2026/06/19					<1.0	mg/L	0.63	20
C321054	Carbonate (CO3)	2026/06/19					<1.0	mg/L	NC	20
C321054	Hydroxide (OH)	2026/06/19					<1.0	mg/L	NC	20
C321058	pH	2026/06/19			100	97 - 103			0.0045	N/A
C321059	Conductivity	2026/06/19			101	90 - 110	<2.0	uS/cm	0.15	10
C321060	Alkalinity (PP as CaCO3)	2026/06/19					<1.0	mg/L		
C321060	Alkalinity (Total as CaCO3)	2026/06/19			93	80 - 120	<1.0	mg/L		
C321060	Bicarbonate (HCO3)	2026/06/19					<1.0	mg/L		
C321060	Carbonate (CO3)	2026/06/19					<1.0	mg/L		
C321060	Hydroxide (OH)	2026/06/19					<1.0	mg/L		
C321071	Turbidity	2026/06/19			103	80 - 120	<0.10	NTU	8.0	20
C321105	pH	2026/06/19			100	97 - 103				
C321106	Conductivity	2026/06/19			101	90 - 110	<2.0	uS/cm		
C321143	Total Ammonia (N)	2026/06/19	106	80 - 120	102	80 - 120	<0.015	mg/L	6.7	20
C321219	Chloride (Cl)	2026/06/19	95	80 - 120	101	80 - 120	<1.0	mg/L	0.46	20
C321219	Sulphate (SO4)	2026/06/19	93	80 - 120	96	80 - 120	<1.0	mg/L	NC	20
C321222	Chloride (Cl)	2026/06/19	84	80 - 120	100	80 - 120	<1.0	mg/L	6.5	20
C321222	Sulphate (SO4)	2026/06/19	82	80 - 120	94	80 - 120	<1.0	mg/L	0.24	20
C321227	Orthophosphate (P)	2026/06/19	120	80 - 120	106	80 - 120	<0.0030	mg/L	NC	20
C321237	Total Dissolved Solids	2026/06/22	97	80 - 120	106	80 - 120	<10	mg/L	12	20
C321240	Dissolved Organic Carbon (C)	2026/06/19	NC	80 - 120	101	80 - 120	<0.50	mg/L	15	20
C321315	Total Ammonia (N)	2026/06/19	107	80 - 120	104	80 - 120	<0.015	mg/L	NC	20
C322081	Nitrate plus Nitrite (N)	2026/06/20	112	80 - 120	110	80 - 120	<0.020	mg/L	3.7	20
C322082	Nitrite (N)	2026/06/20	106	80 - 120	104	80 - 120	<0.0050	mg/L	0.61	20
C322408	Dissolved Mercury (Hg)	2026/06/22	85	80 - 120	83	80 - 120	<0.0019	ug/L	NC	20
C322409	Dissolved Mercury (Hg)	2026/06/22	87	80 - 120	102	80 - 120	<0.0019	ug/L	NC	20
C322630	Total Aluminum (Al)	2026/06/25	NC	80 - 120	107	80 - 120	<3.0	ug/L	2.8	20
C322630	Total Antimony (Sb)	2026/06/25	108	80 - 120	105	80 - 120	<0.50	ug/L	3.7	20
C322630	Total Arsenic (As)	2026/06/25	109	80 - 120	107	80 - 120	<0.10	ug/L	3.7	20

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C322630	Total Barium (Ba)	2026/06/25	115	80 - 120	105	80 - 120	<1.0	ug/L	2.1	20
C322630	Total Beryllium (Be)	2026/06/25	104	80 - 120	105	80 - 120	<0.10	ug/L	NC	20
C322630	Total Bismuth (Bi)	2026/06/25	97	80 - 120	102	80 - 120	<1.0	ug/L	NC	20
C322630	Total Boron (B)	2026/06/25	99	80 - 120	102	80 - 120	<50	ug/L	NC	20
C322630	Total Cadmium (Cd)	2026/06/25	104	80 - 120	105	80 - 120	<0.010	ug/L	10	20
C322630	Total Chromium (Cr)	2026/06/25	98	80 - 120	99	80 - 120	<1.0	ug/L	1.3	20
C322630	Total Cobalt (Co)	2026/06/25	100	80 - 120	105	80 - 120	<0.20	ug/L	0.52	20
C322630	Total Copper (Cu)	2026/06/25	100	80 - 120	101	80 - 120	<0.50	ug/L	2.1	20
C322630	Total Iron (Fe)	2026/06/25	NC	80 - 120	106	80 - 120	<10	ug/L	0.52	20
C322630	Total Lead (Pb)	2026/06/25	101	80 - 120	104	80 - 120	<0.20	ug/L	1.2	20
C322630	Total Lithium (Li)	2026/06/25	98	80 - 120	101	80 - 120	<2.0	ug/L	0.79	20
C322630	Total Manganese (Mn)	2026/06/25	NC	80 - 120	105	80 - 120	<1.0	ug/L	3.3	20
C322630	Total Molybdenum (Mo)	2026/06/25	NC	80 - 120	107	80 - 120	<1.0	ug/L	2.9	20
C322630	Total Nickel (Ni)	2026/06/25	98	80 - 120	103	80 - 120	<1.0	ug/L	2.5	20
C322630	Total Phosphorus (P)	2026/06/25	108	80 - 120	107	80 - 120	<10	ug/L	2.6	20
C322630	Total Selenium (Se)	2026/06/25	98	80 - 120	98	80 - 120	<0.10	ug/L	NC	20
C322630	Total Silicon (Si)	2026/06/25	NC	80 - 120	113	80 - 120	<100	ug/L	0.45	20
C322630	Total Silver (Ag)	2026/06/25	98	80 - 120	99	80 - 120	<0.020	ug/L	NC	20
C322630	Total Strontium (Sr)	2026/06/25	NC	80 - 120	108	80 - 120	<1.0	ug/L	3.3	20
C322630	Total Thallium (Tl)	2026/06/25	100	80 - 120	101	80 - 120	<0.010	ug/L	0.86	20
C322630	Total Tin (Sn)	2026/06/25	104	80 - 120	105	80 - 120	<5.0	ug/L	NC	20
C322630	Total Titanium (Ti)	2026/06/25	165 (1)	80 - 120	108	80 - 120	<5.0	ug/L	4.3	20
C322630	Total Uranium (U)	2026/06/25	103	80 - 120	103	80 - 120	<0.10	ug/L	2.4	20
C322630	Total Vanadium (V)	2026/06/25	105	80 - 120	102	80 - 120	<5.0	ug/L	NC	20
C322630	Total Zinc (Zn)	2026/06/25	NC	80 - 120	104	80 - 120	<5.0	ug/L	5.9	20
C322630	Total Zirconium (Zr)	2026/06/25	107	80 - 120	104	80 - 120	<0.10	ug/L	NC	20
C322693	Total Nitrogen (N)	2026/06/23	107	80 - 120	104	80 - 120	<0.020	mg/L	NC	20
C322866	Total Phosphorus (P)	2026/06/23	NC	N/A	108	80 - 120	<0.0030	mg/L	0.65	20
C323264	Dissolved Organic Carbon (C)	2026/06/23	125 (2)	80 - 120	109	80 - 120	<0.50	mg/L	1.8	20
C323381	Total Phosphorus (P)	2026/06/23	126	N/A	106	80 - 120	<0.0030	mg/L	NC	20
C323396	Dissolved Fluoride (F)	2026/06/22	NC	80 - 120	95	80 - 120	<0.050	mg/L		
C323396	Fluoride (F)	2026/06/22							NC	20

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C323732	Total Mercury (Hg)	2026/06/23	108	80 - 120	104	80 - 120	<0.0019	ug/L	NC	20
C324158	Bromide (Br)	2026/06/23	89	78 - 120	91	80 - 120	<0.010	mg/L	1.3	20
C324186	Dissolved Aluminum (Al)	2026/06/24	97	80 - 120	103	80 - 120	<3.0	ug/L	NC	20
C324186	Dissolved Antimony (Sb)	2026/06/24	100	80 - 120	103	80 - 120	<0.50	ug/L	NC	20
C324186	Dissolved Arsenic (As)	2026/06/24	100	80 - 120	106	80 - 120	<0.10	ug/L	NC	20
C324186	Dissolved Barium (Ba)	2026/06/24	97	80 - 120	104	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Beryllium (Be)	2026/06/24	94	80 - 120	102	80 - 120	<0.10	ug/L	NC	20
C324186	Dissolved Bismuth (Bi)	2026/06/24	97	80 - 120	102	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Boron (B)	2026/06/24	101	80 - 120	104	80 - 120	<50	ug/L	NC	20
C324186	Dissolved Cadmium (Cd)	2026/06/24	99	80 - 120	104	80 - 120	<0.010	ug/L	NC	20
C324186	Dissolved Chromium (Cr)	2026/06/24	99	80 - 120	105	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Cobalt (Co)	2026/06/24	98	80 - 120	104	80 - 120	<0.20	ug/L	NC	20
C324186	Dissolved Copper (Cu)	2026/06/24	96	80 - 120	103	80 - 120	<0.20	ug/L	6.5	20
C324186	Dissolved Iron (Fe)	2026/06/24	100	80 - 120	104	80 - 120	<5.0	ug/L	NC	20
C324186	Dissolved Lead (Pb)	2026/06/24	94	80 - 120	101	80 - 120	<0.20	ug/L	NC	20
C324186	Dissolved Lithium (Li)	2026/06/24	91	80 - 120	94	80 - 120	<2.0	ug/L	NC	20
C324186	Dissolved Manganese (Mn)	2026/06/24	99	80 - 120	105	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Molybdenum (Mo)	2026/06/24	100	80 - 120	106	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Nickel (Ni)	2026/06/24	97	80 - 120	103	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Phosphorus (P)	2026/06/24	100	80 - 120	103	80 - 120	<10	ug/L	NC	20
C324186	Dissolved Selenium (Se)	2026/06/24	101	80 - 120	105	80 - 120	<0.10	ug/L	NC	20
C324186	Dissolved Silicon (Si)	2026/06/24	103	80 - 120	105	80 - 120	<100	ug/L	NC	20
C324186	Dissolved Silver (Ag)	2026/06/24	96	80 - 120	101	80 - 120	<0.020	ug/L	NC	20
C324186	Dissolved Strontium (Sr)	2026/06/24	99	80 - 120	105	80 - 120	<1.0	ug/L	NC	20
C324186	Dissolved Thallium (Tl)	2026/06/24	98	80 - 120	104	80 - 120	<0.010	ug/L	NC	20
C324186	Dissolved Tin (Sn)	2026/06/24	98	80 - 120	104	80 - 120	<5.0	ug/L	NC	20
C324186	Dissolved Titanium (Ti)	2026/06/24	99	80 - 120	104	80 - 120	<5.0	ug/L	NC	20
C324186	Dissolved Uranium (U)	2026/06/24	99	80 - 120	108	80 - 120	<0.10	ug/L	NC	20
C324186	Dissolved Vanadium (V)	2026/06/24	98	80 - 120	105	80 - 120	<5.0	ug/L	NC	20
C324186	Dissolved Zinc (Zn)	2026/06/24	98	80 - 120	104	80 - 120	<5.0	ug/L	NC	20

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C324186	Dissolved Zirconium (Zr)	2026/06/24	100	80 - 120	105	80 - 120	<0.10	ug/L	NC	20

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Matrix Spike outside acceptance criteria due to sample matrix interference.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

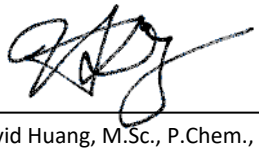
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Bureau Veritas Job #: C636496
Report Date: 2026/06/25

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: NEW POLARIS MINE
Your P.O. #: WHR464-1

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:



David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Bureau Veritas Certified by David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

C636496
2026/06/17 15:12

Custody Tracking Form

W133293-H

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

First Sample: S26LCDS
Last Sample: S26LC_FB
Sample Count: 7

Relinquished By				Received By			
Print: Eliane Roy	Sign:	Date	2026/06/17	Print: Isaac Boswell	Sign:	Date	2026/06/18
		Time (24 HR)	1512			Time (24 HR)	11:30
Print:	Sign:	Date		Print:	Sign:	Date	
		Time (24 HR)				Time (24 HR)	
Print:	Sign:	Date		Print:	Sign:	Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print): Eliane Roy

# of Coolers/Pkgs: 2

Immediate Test ☐ Rush ☐

Regular TAT Micro ☐

*** LABORATORY USE ONLY ***

Received At: Whitehorse

Lab Comments:

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
Y	Y	Y	9	9	9
Y	Y	Y	5	7	7

RECEIVED IN WHITEHORSE BY: [signature] 15:10
JUN 17 2026
TEMP: 2.0 / 1.7

MVAN-2026-06-1646

COR FCD-00383/5

Page 1 of 1

eCOC: W133293

Project Information:	C636496
Job Received:	2026/06/17 15:12
Expected TAT:	Standard TAT
Expected Arrival:	2026/06/18
Submitted By:	Eliane Roy
Submitted To:	Burnaby ENV: 4606 Canada Way

Invoice Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Report Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Project Information

Quote #:	C50955
PO/AFE#:	WHR464-1
Project #:	234.030129.00001
Site Location:	New Polaris Mine
Site #:	Landing Craft Trials

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Alkalinity @25C (pp, total), CO3,HCO3,OH	Ammonia-N (Total)	Bromide as Bromine (Br) by ICPMS	Carbon (DOC)	Chloride/Sulphate by Auto Colourimetry	Conductivity @25C	Elements by CRC ICPMS (total)	Elements by ICPMS Low Level (dissolved)	Fluoride	Hardness (calculated as CaCO3)
S26LCDS	1	2026/06/12 09:50	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LCMS	2	2026/06/12 16:15	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LCUS	3	2026/06/12 16:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LCDS	4	2026/06/13 09:30	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_TUL	5	2026/06/13 14:00	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_DUP	6	2026/06/13 09:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_FB	7	2026/06/13 10:10	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Mercury (Dissolved) by CV	Nitrate + Nitrite (N)	Nitrite (N) Regular Level Water	Nitrogen (Total)	Orthophosphate by Automated Analyzer	PH @25°C	Total Dissolved Solids (Filt. Residue)	Total Phosphorus	Total Suspended Solids (NFR)	Turbidity
S26LCDS	1	2026/06/12 09:50	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A

eCOC: W133293

Project Information:	C636496
Job Received:	2026/06/17 15:12
Expected TAT:	Standard TAT
Expected Arrival:	2026/06/18
Submitted By:	Eliane Roy
Submitted To:	Burnaby ENV: 4606 Canada Way

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Mercury (Dissolved) by CV	Nitrate + Nitrite (N)	Nitrite (N) Regular Level Water	Nitrogen (Total)	Orthophosphate by Automated Analyzer	PH @25°C	Total Dissolved Solids (Filt. Residue)	Total Phosphorus	Total Suspended Solids (NFR)	Turbidity
S26LCMS	2	2026/06/12 16:15	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LCUS	3	2026/06/12 16:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LCDS	4	2026/06/13 09:30	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_TUL	5	2026/06/13 14:00	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_DUP	6	2026/06/13 09:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
S26LC_FB	7	2026/06/13 10:10	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Criteria 1: BC Approved WQG Criteria 2: BC CSR Aquatic Life

Submission Information

# of Samples: 7

Details: Each sample set has 4 falcon tubes, none of which were field filtered or preserved.
Linsay, please double check that the analytes I entered in this eCOC match the analyte list I sent by email RE bottle order.

Appendix D Flannigan Slough Surface Water Quality

River Transport Trial Monitoring

Post-Field Memorandum

Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

Table D1: Field Measurements Collected Along Flannigan Slough

Site ID	Formatted Date	Surface Water Collected	Temperature (°C)	DO (mg/L)	SPC (µS/cm @ 25°C)	pH	Turbidity (NTU)	UTM_E_N83	UTM_N_N83	UTM_Zone
FLAN_SLOUGH_DS	20260615	Yes	6.2	11.77	39.4	6.85	15.1	578,457.29	6,495,028.50	8
FLAN_SLOUGH_MS	20260614	No	5.9	12.32	35.6	6.38	9.7	580,491.51	6,497,390.94	8
FLAN_SLOUGH_US	20260615	Yes	3.7	13.28	30.4	7.06	22.7	580,220.56	6,501,077.91	8

Table D2: General Parameters, Inorganics and Carbon in Surface Water

	General Parameters, Inorganics and Carbon in Surface Water													
	pH (lab)	Hardness	Hardness (dissolved)	Electrical Conductivity (lab)	Total Dissolved Solids	Total Suspended Solids	Turbidity (lab)	Alkalinity (Total) (as CaCO3)	Alkalinity, bicarbonate	Alkalinity, carbonate	Alkalinity-P	Hydroxide	Bromide
RDL		0.5	0.5	2	10	1	0.1	1	1	1	1	1	0.01
	pH	mg/L	mg/L	µS/cm	mg/L	mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term	6.5-9.0	ns	ns	ns	ns	bkgd+(5,10,10%) see notes	bkgd +(2,5,10%) see notes	ns	ns	ns	ns	ns	ns
CCME WQG Freshwater Aquatic Life (long term)	6.5-9.0	ng	ng	ng	ng	bkgd+(5,25,10%) see notes	bkgd+(2,8,10%) see notes	ng	ng	ng	ng	ng	ng
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	6.46[n2]	12.5	12.6	33	32	20	16	9.8	12	< 1.0	< 1.0	< 1.0	< 0.010
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	6.53	14.4	16.5	37	28	16	6.5	12	15	< 1.0	< 1.0	< 1.0	< 0.010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
µS/cm	microsiemen per centimetre
deg C	degree Celsius
mg/L	milligram per litre
NTU	nephelometric turbidity unit
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Background information is not available; the guideline cannot be reliably applied
n2 - Laboratory pH was not evaluated where in-situ pH measurements were available

Table D2: General Parameters, Inorganics and Carbon in Surface Water

	General Parameters, Inorganics and Carbon in Surface Water										
	Chloride ion	Fluoride	Sulphate	Sulphur (as S) (dissolved)	Ammonia (as N)	Nitrite (as N)	Nitrate and Nitrite (as N)	Nitrogen (Total)	Orthophosphate	Phosphorus (Total)	Dissolved Organic Carbon
RDL	1	0.05	1	15	0.015	0.005	0.02	0.02	0.003	0.003	0.5
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term	150	ns	128-218	ns	0.000102	0.02	3	ns	ns	ns	ns
CCME WQG Freshwater Aquatic Life (long term)	120	ng	ng	ng	0.018-190	0.06	ng	ng	ng	ng	ng

Sample Location	Sample ID	Sample Type	Sample Date									
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	< 1.0	< 0.050	3	< 15	< 0.015	< 0.0050	0.118	0.151	< 0.0030	0.072	< 0.50
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	< 1.0	< 0.050	2.9	< 15	< 0.015	< 0.0050	0.1	0.134	< 0.0030	0.039	0.5

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
µS/cm	microsiemen per centimetre
deg C	degree Celsius
mg/L	milligram per litre
NTU	nephelometric turbidity unit
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Background information is not available; the guideline cannot be reliably applied
n2 - Laboratory pH was not evaluated where in-situ pH measurements were available

Table D3: Dissolved Metals in Surface Water

			Dissolved Metals						
			Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron
		RDL	0.0005 - 0.003	0.00002 - 0.0005	0.00002 - 0.0001	0.00002 - 0.001	0.00001 - 0.0001	0.000005 - 0.001	0.01 - 0.05
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		BC WQG (Approved) AWF, Long-term	ns	ns	ns	ns	ns	ns	ns
		CCME WQG Freshwater Aquatic Life (long term)	ng	ng	ng	ng	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date						
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.0243	< 0.000020	0.000126	0.0123	< 0.000010	< 0.0000050	< 0.01
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	0.0135	< 0.000020	0.000171	0.0174	< 0.000010	< 0.0000050	< 0.01

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table D3: Dissolved Metals in Surface Water

		Dissolved Metals						
		Cadmium	Calcium	Chromium III+VI	Cobalt	Copper	Iron	Lead
	RDL	0.000005 - 0.00001	0.05 - 0.25	0.0001 - 0.001	0.000005 - 0.0002	0.00005 - 0.0002	0.001 - 0.005	0.000005 - 0.0002
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	BC WQG (Approved) AWF, Long-term	0.000018 - 0.00015	ns	ns	0.00039 - 0.00043	0.0002 - 0.0012	ns	0.00075 - 0.0032
	CCME WQG Freshwater Aquatic Life (long term)	0.000040-0.00012	ng	ng	ng	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date					
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.0000062	4.54	< 0.00010	0.0000091	0.000254	0.0124	0.0000134
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	< 0.0000050	5.77	< 0.00010	0.0000123	0.000442	0.0661	0.0000188

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table D3: Dissolved Metals in Surface Water

		Dissolved Metals							
		Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium
RDL		0.0005 - 0.002	0.05 - 0.25	0.00005 - 0.001	0.0000019	0.00005 - 0.001	0.00002 - 0.001	0.002 - 0.01	0.05 - 0.25
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BC WQG (Approved) AWF, Long-term		ns	ns	0.1 - 100	ns	ns	0.0002 - 0.0018	ns	ns
CCME WQG Freshwater Aquatic Life (long term)		ng	ng	0.2	ng	ng	ng	ng	ng
Sample Location	**Sample ID**	**Sample Type**	**Sample Date**						
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	< 0.00050	0.31	0.000377	< 0.0000019	0.00219	0.000179	0.0054	0.6
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	< 0.00050	0.5	0.000221	< 0.0000019	0.0015	0.000244	0.0055	0.69

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table D3: Dissolved Metals in Surface Water

		Dissolved Metals							
		Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	RDL	0.00004 - 0.0001	0.05 - 0.1	0.000005 - 0.00002	0.05 - 0.25	0.00005 - 0.001	0.000002 - 0.00001	0.0002 - 0.005	0.0005 - 0.005
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	BC WQG (Approved) AWF, Long-term	ns	ns	ns	ns	ns	ns	ns	ns
	CCME WQG Freshwater Aquatic Life (long term)	ng	ng	ng	ng	ng	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date							
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.00007	0.992	< 0.0000050	0.34	0.0126	0.000005	< 0.00020	0.00083
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	0.000072	1.3	< 0.0000050	0.44	0.0191	0.0000037	< 0.00020	0.00054

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table D3: Dissolved Metals in Surface Water

				Dissolved Metals			
				Uranium	Vanadium	Zinc	Zirconium
			RDL	0.000002 - 0.0001	0.0002 - 0.005	0.0001 - 0.005	0.0001
				mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	ns	ns	0.0012 - 0.0057	ns
			CCME WQG Freshwater Aquatic Life (long term)	ng	ng	0.006	ng
Sample Location	Sample ID	Sample Type	Sample Date				
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.00036	< 0.00020	0.00012	< 0.00010
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	0.000153	< 0.00020	0.00027	< 0.00010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

Table D4: Total Metals in Surface Water

		Total Metals							
		Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium
	RDL	0.003	0.0005	0.0001	0.001	0.0001	0.001	0.05	0.00001
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	BC WQG (Approved) AWF, Long-term	0.0018 - 0.27	0.074	0.005	ns	ns	ns	1.2	ns
	CCME WQG Freshwater Aquatic Life (long term)	0.0050-0.10	ng	0.005	ng	ng	ng	1.5	0.000040-0.00012
Sample Location	Sample ID	Sample Type	Sample Date							
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.211	< 0.00050	0.0002	0.0159	< 0.00010	< 0.0010	< 0.05	< 0.000010
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	0.125	< 0.00050	0.00026	0.0136	< 0.00010	< 0.0010	< 0.05	< 0.000010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

Table D4: Total Metals in Surface Water

					Total Metals					
					Calcium	Chromium III+VI	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese
				RDL	0.05	0.001	0.0002	0.0005	0.01	0.0002	0.002	0.05	0.001
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
				BC WQG (Approved) AWF, Long-term	ns	ns	ns	ns	0.0355 - 0.165	ns	ns	ns	ns
				CCME WQG Freshwater Aquatic Life (long term)	ng	ng	ng	0.002	0.3	0.0010-0.0021	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date										
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15		4.39	< 0.0010	< 0.00020	< 0.00050	0.173	< 0.00020	< 0.0020	0.386	0.0048
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15		4.9	< 0.0010	< 0.00020	< 0.00050	0.214	< 0.00020	< 0.0020	0.531	0.0036

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

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Table D4: Total Metals in Surface Water

		Total Metals							
		Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver
	RDL	0.0000019	0.001	0.001	0.003 - 0.01	0.05	0.0001	0.1	0.00002
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	BC WQG (Approved) AWF, Long-term	0.00000125	7.6	ns	0.005	ns	0.002	ns	0.00012
	CCME WQG Freshwater Aquatic Life (long term)	0.000026	0.073	0.025-0.075	ng	ng	0.001	ng	0.00025
Sample Location	Sample ID	Sample Type	Sample Date						
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	< 0.0000019	< 0.0010	< 0.0010	< 0.01	0.77	< 0.00010	1.76	< 0.000020
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	< 0.0000019	0.0014	< 0.0010	< 0.01	0.772	< 0.00010	1.8	< 0.000020

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

Table D4: Total Metals in Surface Water

				Total Metals					
				Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
			RDL	0.05	0.001	0.00001	0.005	0.005	0.0001	0.005	0.005	0.0001
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			BC WQG (Approved) AWF, Long-term	ns	ns	ns	ns	ns	ns	ns	ns	ns
			CCME WQG Freshwater Aquatic Life (long term)	ng	ng	0.0008	ng	ng	0.015	ng	ng	ng
Sample Location	Sample ID	Sample Type	Sample Date									
FLA_SLOUGH	FLA_SLOUGH	N	2026-Jun-15	0.402	0.0131	0.00001	< 0.0050	0.0142	0.00012	< 0.0050	< 0.0050	< 0.00010
FLA_SLOUGH_DS	FLA_SLOUGH_DS	N	2026-Jun-15	0.485	0.0181	< 0.000010	< 0.0050	0.0081	0.00014	< 0.0050	< 0.0050	< 0.00010

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
Result/Result	One or more duplicate results present.
RDL	reported detection limit
deg C	degree Celsius
mg/L	milligram per litre
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)

n1 - Phosphorus guidelines apply only to lakes to prevent eutrophication

BC WQG (Approved) AWF, Long-term	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
Aluminum (T)	If exceeds most stringent value of 1.8 µg/L, use the following equation: WGQ=e{[0.645*ln(DOC)]+[2.255*ln(hardness]+[1.995*pH]+[-0.284*(ln(hardness)*pH)]-9.898}/3
Ammonia (as N) (T)	If exceeds most stringent value of 0.102 mg/L, use the lookup table in the BC WQG Guideline Summary
Cadmium (F)	exp(0.736*LN(HARDNESS)-4.943)
Cobalt (F)	e{(0.414[ln(hardness)] - 1.887}/2; Equation is valid for hardness concentrations ranging from 52 to 396 mg/L. Outside this range, equation may not accurately reflect the relationship between hardness and cobalt toxicity.
Copper (F)	If exceeds the most stringent value of 0.2 µg/L, use the BC Biotic Ligand Model (BLM) to determine the applicable guideline
Dissolved Oxygen (field) (T)	Dissolved oxygen criteria levels are expressed as minimum rather than maximum values.
BC WQG (APPROVED) AWF LONG-TERM	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
BC WQG (APPROVED) AWF LONG-TERM	BC Approved Water Quality Guidelines, Freshwater Aquatic Life, Long-term
Lead (F)	If exceeds the most stringent value of 0.75 µg/L, use the guideline equation: exp(0.514[ln(DOC)] + 0.214[ln(Hardness)] + 0.4354)/2
Manganese (F)	If exceeds the most stringent value of 100 µg/L, use the BC WQG calculator
Mercury (T)	0.00125 when MeHg=8.0% of THg, 0.01 when MeHg = 1.0% of THg, 0.02 when MeHg = 0.5% of THg, refer to technical document
Nickel (F)	If exceeds the most stringent guideline of 0.2 µg/L, use the BC Biotic Ligand Model (BLM) to determine the applicable guideline
Nitrite (as N) (T)	20µg/L @ Cl<2mg/L
	40µg/L @ Cl=2<4mg/L
	60µg/L @ Cl=4<6mg/L
	80µg/L @ Cl=6<8mg/L
	100µg/L @ Cl=8<10mg/L
	200µg/L @ Cl>=10mg/L
Phosphorus (T)	Guideline applies only to lakes to protect against eutrophication; there is no proposed BC WQG guideline for phosphorus in streams for the protection of aquatic life
Sulphate (F)	128mg/L @ H<= 30mg/L
	218mg/L @ H=30<=75mg/L
	309mg/L @ H=75<=180mg/L
	429mg/L @ H=180<=240mg/L
Temperature (field) (T)	Guideline is a conservative screening value to trigger users to refer to guideline for applicable factors.
Total Suspended Solids (T)	Background +5 mg/L at any one time over 30 d when TSS < 25 mg/L; background +10 mg/L at any time when background is 25 - 100 mg/L; background +10% when background is > 100 mg/L
Turbidity (T)	During clear flows or in clear waters: a change of 2 NTU from background at any one time for a duration of 30 days in all waters. When background is 8-50 NTU during high flows or in turbid waters: a change of 5 NTU from background at any time. When background is >50 NTU at any time during high flows or in turbid waters: a change of 10% from background at any time.
Turbidity (field) (T)	During clear flows or in clear waters: a change of 2 NTU from background at any one time for a duration of 30 days in all waters. When background is 8-50 NTU during high flows or in turbid waters: a change of 5 NTU from background at any time. When background is >50 NTU at any time during high flows or in turbid waters: a change of 10% from background at any time.
Zinc (F)	If exceeds the most stringent value of 3.1 µg/L, use the following equation: WGQ=exp(0.947[ln(hardness)] - 0.815[pH] + 0.398[ln(DOC)] + 4.625)/2
CCME WQG Freshwater Aquatic Life (long term)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)
Aluminum (T)	5µg/L @ pH<6.5
	100µg/L @ pH>=6.5
CCME WQG FW AL (LONG TERM)	CCME Water Quality Guidelines for the Protection of Aquatic Life, Freshwater (Long-term)
Cadmium (F)	10{0.83(log[hardness]) – 2.46}
Cadmium (T)	10{0.83(log[hardness]) – 2.46}
Copper (T)	0.2 * exp{0.8545[ln(hardness)]-1.465}
Lead (T)	exp(1.273[LN(HARDNESS)]-4.705)
Manganese (F)	If exceeds the most stringent value of 200 µg/L, use the CWQG calculator
Nickel (T)	exp{0.76[ln(hardness)]+1.06}
Total Suspended Solids (T)	For clear flow, maximum average increase of 5 mg/L from background levels for longer term exposures. For high flow, maximum increase of 25 mg/L from background levels at any time when background levels are between 25 and 250 mg/L. Should not increase more than 10% of background levels when background is >250 mg/L.
Turbidity (T)	For clear flow, maximum average increase of 2 NTUs from background levels for a longer term exposure. For high flow, maximum increase of 8 NTUs from background levels at any one time when background levels are between 8 and 80 NTUs. Should not increase more than 10% of background levels when background is >80 NTUs.
Turbidity (field) (T)	For clear flow, maximum average increase of 2 NTUs from background levels for a longer term exposure. For high flow, maximum increase of 8 NTUs from background levels at any one time when background levels are between 8 and 80 NTUs. Should not increase more than 10% of background levels when background is >80 NTUs.
Zinc (F)	If exceeds the most stringent value of 6 µg/L, use the following calculation: CWQG = exp(0.947[ln(hardness mg·L-1)] - 0.815[pH] + 0.398[ln(DOC mg·L-1)] + 4.625)

Your P.O. #: WHR464-2
Your Project #: 234.030129.00001
Site#: Flannigan Slough
Site Location: New Polaris Mine
Your C.O.C. #: 133295

Attention: Eliane Roy

SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse, YT
CANADA Y1A 1N2

Report Date: 2026/06/29
Report #: R3799809
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C636484
Received: 2026/06/17, 15:10

Sample Matrix: Surface Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	2	N/A	2026/06/22	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	2	N/A	2026/06/19	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Carbon (DOC) (1)	2	N/A	2026/06/19	BBY6SOP-00053	SM 24 5310 B m
Conductivity @25C	2	N/A	2026/06/22	BBY6SOP-00026	SM 24 2510 B m
Fluoride	2	N/A	2026/06/22	BBY6SOP-00037	SM 24 4500-F C m
Hardness Total (calculated as CaCO3) (2)	2	N/A	2026/06/25	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	2	N/A	2026/06/25	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV (3)	2	2026/06/23	2026/06/23	BBY7SOP-00032	BCMOE LMAug2023 C m
Mercury (Total) by CV	2	2026/06/23	2026/06/23	BBY7SOP-00032	BCMOE LMAug2023 C m
Bromide as Bromine (Br) by ICPMS	2	N/A	2026/06/23	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	2	N/A	2026/06/29	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	2	N/A	2026/06/29	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	2	2026/06/18	2026/06/25	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total)	2	2026/06/22	2026/06/25	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	2	N/A	2026/06/23	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	2	N/A	2026/06/19	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	2	N/A	2026/06/19	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	2	N/A	2026/06/19	BBY6SOP-00010	SM 24 4500-NO2- m
pH @25°C (5)	2	N/A	2026/06/22	BBY6SOP-00026	SM 24 4500-H+ B m
Orthophosphate by Automated Analyzer (6)	2	N/A	2026/06/19	BBY6SOP-00013	SM 24 4500-P E m
Total Dissolved Solids (Filt. Residue)	2	2026/06/19	2026/06/22	BBY6SOP-00033	SM 24 2540 C m
Total Phosphorus	2	2026/06/22	2026/06/23	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	2	2026/06/19	2026/06/22	BBY6SOP-00034	SM 24 2540 D m
Turbidity	2	N/A	2026/06/19	BBY6SOP-00027	SM 24 2130 B m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: WHR464-2
Your Project #: 234.030129.00001
Site#: Flannigan Slough
Site Location: New Polaris Mine
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Attention: Eliane Roy

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Report Date: 2026/06/29
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CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C636484
Received: 2026/06/17, 15:10

writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(2) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(3) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(6) Orthophosphate > Total Phosphorus Imbalance: When applicable, Orthophosphate, Total Phosphorus and dissolved Phosphorus results were reviewed and data quality meets acceptable levels unless otherwise noted.

Encryption Key



Bureau Veritas
29 Jun 2026 17:10:40

Please direct all questions regarding this Certificate of Analysis to:
Linsay Sunderman, Senior Project Manager
Email: linsay.sunderman@bureauveritas.com
Phone# (604) 734 7276

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Bureau Veritas Job #: C636484
Report Date: 2026/06/29

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-2

RESULTS OF CHEMICAL ANALYSES OF SURFACE WATER

Bureau Veritas ID		EHB224		EHB225		
Sampling Date		2026/06/15 09:45		2026/06/15 10:40		
COC Number		133295		133295		
	UNITS	FLA_SLOUGH	QC Batch	FLA_SLOUGH_DS	RDL	QC Batch
ANIONS						
Nitrite (N)	mg/L	<0.0050	C321320	<0.0050	0.0050	C321320
Calculated Parameters						
Total Hardness (CaCO3)	mg/L	12.5	C319993	14.4	0.50	C319993
Misc. Inorganics						
Conductivity	uS/cm	33	C323082	37	2.0	C323082
Dissolved Organic Carbon (C)	mg/L	<0.50	C321240	0.50	0.50	C321240
pH	pH	6.46	C323072	6.53	N/A	C323072
Total Dissolved Solids	mg/L	32	C321237	28	10	C321237
Total Suspended Solids	mg/L	20	C321020	16	1.0	C321020
Anions						
Alkalinity (PP as CaCO3)	mg/L	<1.0	C323078	<1.0	1.0	C323078
Alkalinity (Total as CaCO3)	mg/L	9.8	C323078	12	1.0	C323078
Bicarbonate (HCO3)	mg/L	12	C323078	15	1.0	C323078
Carbonate (CO3)	mg/L	<1.0	C323078	<1.0	1.0	C323078
Fluoride (F)	mg/L	<0.050	C323400	<0.050	0.050	C323396
Hydroxide (OH)	mg/L	<1.0	C323078	<1.0	1.0	C323078
Chloride (Cl)	mg/L	<1.0	C321222	<1.0	1.0	C321222
Sulphate (SO4)	mg/L	3.0	C321222	2.9	1.0	C321222
Nutrients						
Total Ammonia (N)	mg/L	<0.015	C321143	<0.015	0.015	C321143
Orthophosphate (P)	mg/L	<0.0030	C321311	<0.0030	0.0030	C321311
Total Phosphorus (P)	mg/L	0.072	C322866	0.039	0.0030	C322866
Nitrate plus Nitrite (N)	mg/L	0.118	C321319	0.100	0.020	C321319
Total Nitrogen (N)	mg/L	0.151	C322680	0.134	0.020	C322680
Physical Properties						
Turbidity	NTU	16	C321145	6.5	0.10	C321145

RDL = Reportable Detection Limit
N/A = Not Applicable

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Bureau Veritas Job #: C636484
Report Date: 2026/06/29

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-2

MERCURY BY COLD VAPOR (SURFACE WATER)

Bureau Veritas ID		EHB224	EHB225		
Sampling Date		2026/06/15 09:45	2026/06/15 10:40		
COC Number		133295	133295		
	UNITS	FLA_SLOUGH	FLA_SLOUGH_DS	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	<0.0019	<0.0019	0.0019	C323732
RDL = Reportable Detection Limit					

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SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-2

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

Bureau Veritas ID		EHB224	EHB225		
Sampling Date		2026/06/15 09:45	2026/06/15 10:40		
COC Number		133295	133295		
	UNITS	FLA_SLOUGH	FLA_SLOUGH_DS	RDL	QC Batch
ANIONS					
Bromide (Br)	mg/L	<0.010	<0.010	0.010	C324158
Total Metals by ICPMS					
Total Aluminum (Al)	ug/L	211	125	3.0	C322630
Total Antimony (Sb)	ug/L	<0.50	<0.50	0.50	C322630
Total Arsenic (As)	ug/L	0.20	0.26	0.10	C322630
Total Barium (Ba)	ug/L	15.9	13.6	1.0	C322630
Total Beryllium (Be)	ug/L	<0.10	<0.10	0.10	C322630
Total Bismuth (Bi)	ug/L	<1.0	<1.0	1.0	C322630
Total Boron (B)	ug/L	<50	<50	50	C322630
Total Cadmium (Cd)	ug/L	<0.010	<0.010	0.010	C322630
Total Chromium (Cr)	ug/L	<1.0	<1.0	1.0	C322630
Total Cobalt (Co)	ug/L	<0.20	<0.20	0.20	C322630
Total Copper (Cu)	ug/L	<0.50	<0.50	0.50	C322630
Total Iron (Fe)	ug/L	173	214	10	C322630
Total Lead (Pb)	ug/L	<0.20	<0.20	0.20	C322630
Total Lithium (Li)	ug/L	<2.0	<2.0	2.0	C322630
Total Manganese (Mn)	ug/L	4.8	3.6	1.0	C322630
Total Molybdenum (Mo)	ug/L	<1.0	1.4	1.0	C322630
Total Nickel (Ni)	ug/L	<1.0	<1.0	1.0	C322630
Total Phosphorus (P)	ug/L	<10	<10	10	C322630
Total Selenium (Se)	ug/L	<0.10	<0.10	0.10	C322630
Total Silicon (Si)	ug/L	1760	1800	100	C322630
Total Silver (Ag)	ug/L	<0.020	<0.020	0.020	C322630
Total Strontium (Sr)	ug/L	13.1	18.1	1.0	C322630
Total Thallium (Tl)	ug/L	0.010	<0.010	0.010	C322630
Total Tin (Sn)	ug/L	<5.0	<5.0	5.0	C322630
Total Titanium (Ti)	ug/L	14.2	8.1	5.0	C322630
Total Uranium (U)	ug/L	0.12	0.14	0.10	C322630
Total Vanadium (V)	ug/L	<5.0	<5.0	5.0	C322630
Total Zinc (Zn)	ug/L	<5.0	<5.0	5.0	C322630
Total Zirconium (Zr)	ug/L	<0.10	<0.10	0.10	C322630
RDL = Reportable Detection Limit					

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SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-2

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

Bureau Veritas ID		EHB224	EHB225		
Sampling Date		2026/06/15 09:45	2026/06/15 10:40		
COC Number		133295	133295		
	UNITS	**FLA_SLOUGH**	**FLA_SLOUGH_DS**	**RDL**	**QC Batch**
Total Calcium (Ca)	mg/L	4.39	4.90	0.050	C318650
Total Magnesium (Mg)	mg/L	0.386	0.531	0.050	C318650
Total Potassium (K)	mg/L	0.770	0.772	0.050	C318650
Total Sodium (Na)	mg/L	0.402	0.485	0.050	C318650
RDL = Reportable Detection Limit					

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LOW LEVEL D. METALS W/ CV HG-LAB FILT (SURFACE WATER)

Bureau Veritas ID		EHB224	EHB225		
Sampling Date		2026/06/15 09:45	2026/06/15 10:40		
COC Number		133295	133295		
	UNITS	FLA_SLOUGH	FLA_SLOUGH_DS	RDL	QC Batch
Calculated Parameters					
Dissolved Hardness (CaCO3)	mg/L	12.6	16.5	0.50	C318613
Elements					
Dissolved Mercury (Hg)	ug/L	<0.0019	<0.0019	0.0019	C323928
Dissolved Metals by ICPMS					
Dissolved Calcium (Ca)	mg/L	4.54	5.77	0.25	C328888
Dissolved Magnesium (Mg)	mg/L	0.31	0.50	0.25	C328888
Dissolved Potassium (K)	mg/L	0.60	0.69	0.25	C328888
Dissolved Sodium (Na)	mg/L	0.34	0.44	0.25	C328888
Dissolved Sulphur (S)	mg/L	<15	<15	15	C328888
Lab Filtered Metals					
Dissolved Aluminum (Al)	ug/L	24.3	13.5	0.50	C330632
Dissolved Antimony (Sb)	ug/L	<0.020	<0.020	0.020	C330632
Dissolved Arsenic (As)	ug/L	0.126	0.171	0.020	C330632
Dissolved Barium (Ba)	ug/L	12.3	17.4	0.020	C330632
Dissolved Beryllium (Be)	ug/L	<0.010	<0.010	0.010	C330632
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	0.0050	C330632
Dissolved Boron (B)	ug/L	<10	<10	10	C330632
Dissolved Cadmium (Cd)	ug/L	0.0062	<0.0050	0.0050	C330632
Dissolved Chromium (Cr)	ug/L	<0.10	<0.10	0.10	C330632
Dissolved Cobalt (Co)	ug/L	0.0091	0.0123	0.0050	C330632
Dissolved Copper (Cu)	ug/L	0.254	0.442	0.050	C330632
Dissolved Iron (Fe)	ug/L	12.4	66.1	1.0	C330632
Dissolved Lead (Pb)	ug/L	0.0134	0.0188	0.0050	C330632
Dissolved Lithium (Li)	ug/L	<0.50	<0.50	0.50	C330632
Dissolved Manganese (Mn)	ug/L	0.377	0.221	0.050	C330632
Dissolved Molybdenum (Mo)	ug/L	2.19	1.50	0.050	C330632
Dissolved Nickel (Ni)	ug/L	0.179	0.244	0.020	C330632
Dissolved Phosphorus (P)	ug/L	5.4	5.5	2.0	C330632
Dissolved Selenium (Se)	ug/L	0.070	0.072	0.040	C330632
Dissolved Silicon (Si)	ug/L	992	1300	50	C330632
Dissolved Silver (Ag)	ug/L	<0.0050	<0.0050	0.0050	C330632
RDL = Reportable Detection Limit					

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LOW LEVEL D. METALS W/ CV HG-LAB FILT (SURFACE WATER)

Bureau Veritas ID		EHB224	EHB225		
Sampling Date		2026/06/15 09:45	2026/06/15 10:40		
COC Number		133295	133295		
	UNITS	FLA_SLOUGH	FLA_SLOUGH_DS	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	12.6	19.1	0.050	C330632
Dissolved Thallium (Tl)	ug/L	0.0050	0.0037	0.0020	C330632
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	0.20	C330632
Dissolved Titanium (Ti)	ug/L	0.83	0.54	0.50	C330632
Dissolved Uranium (U)	ug/L	0.360	0.153	0.0020	C330632
Dissolved Vanadium (V)	ug/L	<0.20	<0.20	0.20	C330632
Dissolved Zinc (Zn)	ug/L	0.12	0.27	0.10	C330632
Dissolved Zirconium (Zr)	ug/L	<0.10	<0.10	0.10	C330632
RDL = Reportable Detection Limit					

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GENERAL COMMENTS

Sample EHB224 [FLA_SLOUGH] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Sample EHB225 [FLA_SLOUGH_DS] : Sample was analyzed past method specified hold time for Turbidity. Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Sample was analyzed past method specified hold time for Orthophosphate by Automated Analyzer.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C321020	Total Suspended Solids	2026/06/22	104	80 - 120	100	80 - 120	<1.0	mg/L	0	20
C321143	Total Ammonia (N)	2026/06/19	106	80 - 120	102	80 - 120	<0.015	mg/L	6.7	20
C321145	Turbidity	2026/06/19			103	80 - 120	<0.10	NTU	15	20
C321222	Chloride (Cl)	2026/06/19	84	80 - 120	100	80 - 120	<1.0	mg/L	6.5	20
C321222	Sulphate (SO4)	2026/06/19	82	80 - 120	94	80 - 120	<1.0	mg/L	0.24	20
C321237	Total Dissolved Solids	2026/06/22	97	80 - 120	106	80 - 120	<10	mg/L	12	20
C321240	Dissolved Organic Carbon (C)	2026/06/19	NC	80 - 120	101	80 - 120	<0.50	mg/L	15	20
C321311	Orthophosphate (P)	2026/06/19			118	80 - 120	<0.0030	mg/L		
C321319	Nitrate plus Nitrite (N)	2026/06/19			108	80 - 120	<0.020	mg/L		
C321320	Nitrite (N)	2026/06/19			104	80 - 120	<0.0050	mg/L		
C322630	Total Aluminum (Al)	2026/06/25	NC	80 - 120	107	80 - 120	<3.0	ug/L	2.8	20
C322630	Total Antimony (Sb)	2026/06/25	108	80 - 120	105	80 - 120	<0.50	ug/L	3.7	20
C322630	Total Arsenic (As)	2026/06/25	109	80 - 120	107	80 - 120	<0.10	ug/L	3.7	20
C322630	Total Barium (Ba)	2026/06/25	115	80 - 120	105	80 - 120	<1.0	ug/L	2.1	20
C322630	Total Beryllium (Be)	2026/06/25	104	80 - 120	105	80 - 120	<0.10	ug/L	NC	20
C322630	Total Bismuth (Bi)	2026/06/25	97	80 - 120	102	80 - 120	<1.0	ug/L	NC	20
C322630	Total Boron (B)	2026/06/25	99	80 - 120	102	80 - 120	<50	ug/L	NC	20
C322630	Total Cadmium (Cd)	2026/06/25	104	80 - 120	105	80 - 120	<0.010	ug/L	10	20
C322630	Total Chromium (Cr)	2026/06/25	98	80 - 120	99	80 - 120	<1.0	ug/L	1.3	20
C322630	Total Cobalt (Co)	2026/06/25	100	80 - 120	105	80 - 120	<0.20	ug/L	0.52	20
C322630	Total Copper (Cu)	2026/06/25	100	80 - 120	101	80 - 120	<0.50	ug/L	2.1	20
C322630	Total Iron (Fe)	2026/06/25	NC	80 - 120	106	80 - 120	<10	ug/L	0.52	20
C322630	Total Lead (Pb)	2026/06/25	101	80 - 120	104	80 - 120	<0.20	ug/L	1.2	20
C322630	Total Lithium (Li)	2026/06/25	98	80 - 120	101	80 - 120	<2.0	ug/L	0.79	20
C322630	Total Manganese (Mn)	2026/06/25	NC	80 - 120	105	80 - 120	<1.0	ug/L	3.3	20
C322630	Total Molybdenum (Mo)	2026/06/25	NC	80 - 120	107	80 - 120	<1.0	ug/L	2.9	20
C322630	Total Nickel (Ni)	2026/06/25	98	80 - 120	103	80 - 120	<1.0	ug/L	2.5	20
C322630	Total Phosphorus (P)	2026/06/25	108	80 - 120	107	80 - 120	<10	ug/L	2.6	20
C322630	Total Selenium (Se)	2026/06/25	98	80 - 120	98	80 - 120	<0.10	ug/L	NC	20
C322630	Total Silicon (Si)	2026/06/25	NC	80 - 120	113	80 - 120	<100	ug/L	0.45	20
C322630	Total Silver (Ag)	2026/06/25	98	80 - 120	99	80 - 120	<0.020	ug/L	NC	20
C322630	Total Strontium (Sr)	2026/06/25	NC	80 - 120	108	80 - 120	<1.0	ug/L	3.3	20

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C322630	Total Thallium (Tl)	2026/06/25	100	80 - 120	101	80 - 120	<0.010	ug/L	0.86	20
C322630	Total Tin (Sn)	2026/06/25	104	80 - 120	105	80 - 120	<5.0	ug/L	NC	20
C322630	Total Titanium (Ti)	2026/06/25	165 (1)	80 - 120	108	80 - 120	<5.0	ug/L	4.3	20
C322630	Total Uranium (U)	2026/06/25	103	80 - 120	103	80 - 120	<0.10	ug/L	2.4	20
C322630	Total Vanadium (V)	2026/06/25	105	80 - 120	102	80 - 120	<5.0	ug/L	NC	20
C322630	Total Zinc (Zn)	2026/06/25	NC	80 - 120	104	80 - 120	<5.0	ug/L	5.9	20
C322630	Total Zirconium (Zr)	2026/06/25	107	80 - 120	104	80 - 120	<0.10	ug/L	NC	20
C322680	Total Nitrogen (N)	2026/06/23	103	80 - 120	105	80 - 120	<0.020	mg/L	0.86	20
C322866	Total Phosphorus (P)	2026/06/23	NC	N/A	108	80 - 120	<0.0030	mg/L	0.65	20
C323072	pH	2026/06/22			100	97 - 103			0.13	N/A
C323078	Alkalinity (PP as CaCO3)	2026/06/22					<1.0	mg/L	NC	20
C323078	Alkalinity (Total as CaCO3)	2026/06/22			101	80 - 120	<1.0	mg/L	0.58	20
C323078	Bicarbonate (HCO3)	2026/06/22					<1.0	mg/L	0.58	20
C323078	Carbonate (CO3)	2026/06/22					<1.0	mg/L	NC	20
C323078	Hydroxide (OH)	2026/06/22					<1.0	mg/L	NC	20
C323082	Conductivity	2026/06/22			101	90 - 110	<2.0	uS/cm		
C323396	Dissolved Fluoride (F)	2026/06/22	NC	80 - 120	95	80 - 120	<0.050	mg/L		
C323396	Fluoride (F)	2026/06/22							NC	20
C323400	Dissolved Fluoride (F)	2026/06/22			95	80 - 120	<0.050	mg/L		
C323732	Total Mercury (Hg)	2026/06/23	108	80 - 120	104	80 - 120	<0.0019	ug/L	NC	20
C323928	Dissolved Mercury (Hg)	2026/06/23	109	80 - 120	106	80 - 120	<0.0019	ug/L	2.4	20
C324158	Bromide (Br)	2026/06/23	89	78 - 120	91	80 - 120	<0.010	mg/L	1.3	20
C330632	Dissolved Aluminum (Al)	2026/06/29	98	80 - 120	100	80 - 120	<0.50	ug/L	5.5	20
C330632	Dissolved Antimony (Sb)	2026/06/29	99	80 - 120	97	80 - 120	<0.020	ug/L	NC	20
C330632	Dissolved Arsenic (As)	2026/06/29	100	80 - 120	100	80 - 120	<0.020	ug/L	5.9	20
C330632	Dissolved Barium (Ba)	2026/06/29	98	80 - 120	101	80 - 120	<0.020	ug/L	1.3	20
C330632	Dissolved Beryllium (Be)	2026/06/29	97	80 - 120	100	80 - 120	<0.010	ug/L	NC	20
C330632	Dissolved Bismuth (Bi)	2026/06/29	97	80 - 120	99	80 - 120	<0.0050	ug/L	NC	20
C330632	Dissolved Boron (B)	2026/06/29	97	80 - 120	96	80 - 120	<10	ug/L	NC	20
C330632	Dissolved Cadmium (Cd)	2026/06/29	98	80 - 120	98	80 - 120	<0.0050	ug/L	8.4	20
C330632	Dissolved Chromium (Cr)	2026/06/29	96	80 - 120	98	80 - 120	<0.10	ug/L	NC	20
C330632	Dissolved Cobalt (Co)	2026/06/29	95	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
C330632	Dissolved Copper (Cu)	2026/06/29	93	80 - 120	96	80 - 120	<0.050	ug/L	5.4	20
C330632	Dissolved Iron (Fe)	2026/06/29	99	80 - 120	101	80 - 120	<1.0	ug/L	1.2	20
C330632	Dissolved Lead (Pb)	2026/06/29	94	80 - 120	97	80 - 120	<0.0050	ug/L	16	20
C330632	Dissolved Lithium (Li)	2026/06/29	95	80 - 120	101	80 - 120	<0.50	ug/L	NC	20
C330632	Dissolved Manganese (Mn)	2026/06/29	96	80 - 120	98	80 - 120	<0.050	ug/L	6.4	20
C330632	Dissolved Molybdenum (Mo)	2026/06/29	100	80 - 120	99	80 - 120	<0.050	ug/L	1.1	20
C330632	Dissolved Nickel (Ni)	2026/06/29	93	80 - 120	95	80 - 120	<0.020	ug/L	5.2	20
C330632	Dissolved Phosphorus (P)	2026/06/29	98	80 - 120	99	80 - 120	<2.0	ug/L	12	20
C330632	Dissolved Selenium (Se)	2026/06/29	100	80 - 120	100	80 - 120	<0.040	ug/L	2.8	20
C330632	Dissolved Silicon (Si)	2026/06/29	101	80 - 120	104	80 - 120	<50	ug/L	3.0	20
C330632	Dissolved Silver (Ag)	2026/06/29	97	80 - 120	97	80 - 120	<0.0050	ug/L	NC	20
C330632	Dissolved Strontium (Sr)	2026/06/29	99	80 - 120	100	80 - 120	<0.050	ug/L	1.2	20
C330632	Dissolved Thallium (Tl)	2026/06/29	98	80 - 120	100	80 - 120	<0.0020	ug/L	20	20
C330632	Dissolved Tin (Sn)	2026/06/29	94	80 - 120	97	80 - 120	<0.20	ug/L	NC	20
C330632	Dissolved Titanium (Ti)	2026/06/29	97	80 - 120	100	80 - 120	<0.50	ug/L	0.36	20
C330632	Dissolved Uranium (U)	2026/06/29	89	80 - 120	88	80 - 120	<0.0020	ug/L	1.3	20
C330632	Dissolved Vanadium (V)	2026/06/29	95	80 - 120	98	80 - 120	<0.20	ug/L	NC	20
C330632	Dissolved Zinc (Zn)	2026/06/29	95	80 - 120	98	80 - 120	<0.10	ug/L	0.33	20
C330632	Dissolved Zirconium (Zr)	2026/06/29	101	80 - 120	102	80 - 120	<0.10	ug/L	NC	20

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Matrix Spike outside acceptance criteria due to sample matrix interference.

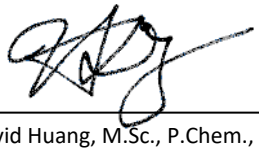
Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C636484
Report Date: 2026/06/29

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-2

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:



David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

C636484
2026/06/17 15:10

Custody Tracking Form

W133293-H

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

First Sample: S26LCDS
Last Sample: S26LC_FB
Sample Count: 7

Relinquished By				Received By			
Print	Sign			Print	Sign		
Élaine Roy		Date	2026/06/17			Date	
		Time (24 HR)	1512			Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print): Élaine Roy

# of Coolers/Pkgs: 2

Immediate Test ☐ Rush ☐

Regular TAT Micro ☐

*** LABORATORY USE ONLY ***

Received At

Lab Comments:

RECEIVED IN WHITEHORSE
BY: [illegible]
JUN 17 2026
TEMP: 2.1 2.1 1.7

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3

COR FCD-00383/5

Page 1 of 1

C636484
2026/06/17 15:10

Custody Tracking Form

W133295-H

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

First Sample: FLA_SLOUGH
Last Sample: FLA_SLOUGH_DS
Sample Count: 2

Relinquished By				Received By			
Print: Eliane Roy	Sign:	Date	2026/06/17	Print: Isaac Donnell	Sign:	Date	2026/06/18
		Time (24 HR)	15:12			Time (24 HR)	11:30
Print:	Sign:	Date	YYYY/MM/DD	Print:	Sign:	Date	YYYY/MM/DD
		Time (24 HR)	HH:MM			Time (24 HR)	HH:MM
Print:	Sign:	Date	YYYY/MM/DD	Print:	Sign:	Date	YYYY/MM/DD
		Time (24 HR)	HH:MM			Time (24 HR)	HH:MM

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print): Eliane Roy

# of Coolers/Pkgs: 2 — some coolers as W133293-N

Immediate Test ☐ Rush ☐

Rush/TAT Micro ☐

*** LABORATORY USE ONLY ***

Received At: YKY

Lab Comments:

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
Y	Y	Y	9	9	9
Y	Y	Y	5	7	7

RECEIVED IN WHITEHORSE
BY: AMaurice 1510
JUN 17 2026
CS: NO ICE: YES
TEMP: 12/10/13
5 6 9

EWH-2026-06-050

COR FCD-00383/5

Page 1 of 1

eCOC: W133295

Project Information:	C636484
Job Received:	2026/06/17 15:10
Expected TAT:	Standard TAT
Expected Arrival:	2026/06/18
Submitted By:	Eliane Roy
Submitted To:	Burnaby ENV: 4606 Canada Way

Invoice Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Report Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Project Information

Quote #:	C50955
PO/AFE#:	WHR464-2
Project #:	234.030129.00001
Site Location:	New Polaris Mine
Site #:	Flannigan Slough

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Alkalinity @25C (pp, total), CO3,HCO3,OH	Ammonia-N (Total)	Bromide as Bromine (Br) by ICPMS	Carbon (DOC)	Chloride/Sulphate by Auto Colourimetry	Conductivity @25C	Elements by CRC ICPMS (total)	Elements by ICPMS Low Level (dissolved)	Fluoride	Hardness (calculated as CaCO3)
FLA_SLOUGH	1	2026/06/15 09:45	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
FLA_SLOUGH_DS	2	2026/06/15 10:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Mercury (Dissolved) by CV	Nitrate + Nitrite (N)	Nitrite (N) Regular Level Water	Nitrogen (Total)	Orthophosphate by Automated Analyzer	PH @25°C	Total Dissolved Solids (Filt. Residue)	Total Phosphorus	Total Suspended Solids (NFR)	Turbidity
FLA_SLOUGH	1	2026/06/15 09:45	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A
FLA_SLOUGH_DS	2	2026/06/15 10:40	SURFACE WATER	14	A	A	A	A	A	A	A	A	A	A

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Criteria 1: BC Approved WQG Criteria 2: BC CSR Aquatic Life

Submission Information

# of Samples: 2

Details: Each sample set has 4 falcon tubes, none of which were field filtered or preserved.
Linsay, please double check that the analytes I entered in this eCOC match the analyte list I sent by email RE bottle order.

Appendix E Cranberry Island Sediments

River Transport Trial Monitoring

Post-Field Memorandum

Canagold Resources Ltd.

SLR Project No.: 234.030129.00001

August 4, 2026

Table E1: Particle Size in Sediment

	Particle Size		
	Clay content	Silt by hydrometer	Sand by hydrometer
RDL	2	2	2
	%	%	%
Sample Location / Sample Date / Sample ID			
S26LCDS / 2026-Jun-13 / S26LCDS_1	6.2	36	58
S26LCDS / 2026-Jun-13 / S26LCDS_2	33	28	68
S26LCDS / 2026-Jun-13 / S26LCDS_3	4	38	58

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
%	percent

Table E2: Metals in Sediment

				Metals												
	pH	Sulphur (%)	Total Organic Carbon	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium III+VI	Cobalt	Copper
RDL		0.01	500	100	0.1	0.2	0.2	0.2	0.1	1	0.05	100	0.5	0.1	0.5
	pH	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BC WSQG - Freshwater Lower	ns	ns	ns	ns	ns	5.9	ns	ns	ns	ns	0.6	ns	37.3	ns	35.7
BC WSQG - Freshwater Upper	ns	ns	ns	ns	ns	17	ns	ns	ns	ns	3.5	ns	90	ns	197
CCME SedQG Freshwater (ISQG)	ng	ng	ng	ng	ng	5.9	ng	ng	ng	ng	0.6	ng	37.3	ng	35.7
CCME SedQG Freshwater (PEL)	ng	ng	ng	ng	ng	17	ng	ng	ng	ng	3.5	ng	90	ng	197
S26LCDS	2026-Jun-13	S26LCDS_1	8.28	0.052	3,600	11,800	0.91	15.5	201	0.37	0.18	3.5	0.348	13,400	50.8	12.6	42.9
		S26LCDS_2	8.34	0.043	2,600	11,000	0.86	12.8	168	0.42	0.13	3.5	0.311	13,700	51	11.6	36.5
		S26LCDS_3	8.28	0.037	4,200	11,200	0.88	12.9	159	0.38	0.16	3.3	0.303	13,700	50.3	12.4	38.9

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
mg/kg	milligram per kilogram
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WSQG - Freshwater Lower	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Lower
BC WSQG - Freshwater Upper	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Upper
CCME SedQG Freshwater (ISQG)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Interim sediment quality guidelines)
CCME SedQG Freshwater (PEL)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Probable effects levels)

Table E2: Metals in Sediment

				Metals											
				Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silver	Sodium	Strontium
			RDL	100	0.1	0.5	100	0.2	0.05	0.1	0.5	10	100	0.5	0.05	100	0.1
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			BC WSQG - Freshwater Lower	21,200	35	ns	ns	460	0.17	25	16	ns	ns	ns	0.5	ns	ns
			BC WSQG - Freshwater Upper	43,766	91.3	ns	ns	1,100	0.486	23,000	75	ns	ns	ns	ns	ns	ns
			CCME SedQG Freshwater (ISQG)	ng	35	ng	ng	ng	0.17	ng	ng	ng	ng	ng	ng	ng	ng
			CCME SedQG Freshwater (PEL)	ng	91.3	ng	ng	ng	0.486	ng	ng	ng	ng	ng	ng	ng	ng
Sample Location	Sample Date	Sample ID													
S26LCDS	2026-Jun-13	S26LCDS_1	32,300	10.4	11.3	13,500	559	< 0.050	1.62	60.7	1,030	887	< 0.50	0.108	253	64.6
		S26LCDS_2	30,900	8.72	11	13,400	512	< 0.050	1.7	61.6	991	824	< 0.50	0.1	231	65.4
		S26LCDS_3	30,800	9.71	11	13,900	525	0.06	1.43	63.4	984	799	< 0.50	0.111	231	66.4

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
mg/kg	milligram per kilogram
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WSQG - Freshwater Lower	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Lower
BC WSQG - Freshwater Upper	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Upper
CCME SedQG Freshwater (ISQG)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Interim sediment quality guidelines)
CCME SedQG Freshwater (PEL)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Probable effects levels)

Table E2: Metals in Sediment

	Metals							
	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc	Zirconium
RDL	0.05	0.1	1	0.5	0.05	1	1	0.5
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BC WSQG - Freshwater Lower	ns	ns	ns	ns	ns	ns	123	ns
BC WSQG - Freshwater Upper	ns	ns	ns	ns	ns	ns	315	ns
CCME SedQG Freshwater (ISQG)	ng	ng	ng	ng	ng	ng	123	ng
CCME SedQG Freshwater (PEL)	ng	ng	ng	ng	ng	ng	315	ng
Sample Location	Sample Date	Sample ID							
S26LCDS	2026-Jun-13	S26LCDS_1	0.112	0.36	800	< 0.50	1.73	67.1	73.5	3.86
		S26LCDS_2	0.12	0.35	745	0.6	1.54	65.3	73.1	4.1
		S26LCDS_3	0.101	0.31	723	< 0.50	1.62	62.3	68.4	4.18

Notes:

•	samples collected at the same location and date are blind field duplicate/parent pairs
'-'	sample not analyzed for parameter indicated
<	less than reported detection limit
RDL	reported detection limit
mg/kg	milligram per kilogram
pH	potential of hydrogen
ns	no standard
ng	no guideline
BC WSQG - Freshwater Lower	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Lower
BC WSQG - Freshwater Upper	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Upper
CCME SedQG Freshwater (ISQG)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Interim sediment quality guidelines)
CCME SedQG Freshwater (PEL)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Probable effects levels)

BC WSQG - Freshwater Lower	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Lower
BC WSQG - Freshwater Upper	BC Working Sediment Quality Guidelines, Freshwater Aquatic Life - Upper
CCME SedQG Freshwater (ISQG)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Interim sediment quality guidelines)
CCME SedQG Freshwater (PEL)	CCME Sediment Quality Guidelines for the Protection of Aquatic Life, Freshwater (Probable effects levels)

Table E3: Sediment Replicates Statistics

Analyte	Units	N	Minimum	Maximum	Mean	SD	CV
pH	pH units	3	8.28	8.34	8.3	0.0346	0.00417
Total Organic Carbon	mg/kg	3	2600	4200	3467	808.3	0.233
Aluminum	mg/kg	3	11000	11800	11333	416.3	0.0367
Antimony	mg/kg	3	0.86	0.91	0.883	0.0252	0.0285
Arsenic	mg/kg	3	12.8	15.5	13.73	1.531	0.111
Barium	mg/kg	3	159	201	176	22.11	0.126
Beryllium	mg/kg	3	0.37	0.42	0.39	0.0265	0.0678
Bismuth	mg/kg	3	0.13	0.18	0.157	0.0252	0.161
Boron	mg/kg	3	3.3	3.5	3.433	0.115	0.0336
Cadmium	mg/kg	3	0.303	0.348	0.321	0.024	0.0749
Calcium	mg/kg	3	13400	13700	13600	173.2	0.0127
Chromium III+VI	mg/kg	3	50.3	51	50.7	0.361	0.00711
Cobalt	mg/kg	3	11.6	12.6	12.2	0.529	0.0434
Copper	mg/kg	3	36.5	42.9	39.43	3.233	0.082
Iron	mg/kg	3	30800	32300	31333	838.6	0.0268
Lead	mg/kg	3	8.72	10.4	9.61	0.844	0.0879
Lithium	mg/kg	3	11	11.3	11.1	0.173	0.0156
Magnesium	mg/kg	3	13400	13900	13600	264.6	0.0195
Manganese	mg/kg	3	512	559	532	24.27	0.0456
Mercury	mg/kg	3	<0.05	0.06	0.06	----	0.108
Molybdenum	mg/kg	3	1.43	1.7	1.583	0.139	0.0876
Nickel	mg/kg	3	60.7	63.4	61.9	1.375	0.0222
Phosphorus	mg/kg	3	984	1030	1002	24.79	0.0247
Potassium	mg/kg	3	799	887	836.7	45.35	0.0542
Selenium	mg/kg	3	<0.5	0.5	----	----	----
Silver	mg/kg	3	0.1	0.111	0.106	0.00569	0.0535
Sodium	mg/kg	3	231	253	238.3	12.7	0.0533
Strontium	mg/kg	3	64.6	66.4	65.47	0.902	0.0138
Thallium	mg/kg	3	0.101	0.12	0.111	0.00954	0.0859
Tin	mg/kg	3	0.31	0.36	0.34	0.0265	0.0778
Titanium	mg/kg	3	723	800	756	39.66	0.0525
Tungsten	mg/kg	3	<0.5	0.6	0.6	----	0.108
Uranium	mg/kg	3	1.54	1.73	1.63	0.0954	0.0585
Vanadium	mg/kg	3	62.3	67.1	64.9	2.425	0.0374
Zinc	mg/kg	3	68.4	73.5	71.67	2.836	0.0396
Zirconium	mg/kg	3	3.86	4.18	4.047	0.167	0.0412

Notes:

Red font denotes parameter exceedances of applicable guidelines

Your P.O. #: WHR464-3
Your Project #: 234.030129.00001
Site#: Taku River
Site Location: New Polaris Mine
Your C.O.C. #: 133296

Attention: Eliane Roy

SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse, YT
CANADA Y1A 1N2

Report Date: 2026/07/08
Report #: R3802773
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C637060
Received: 2026/06/20, 11:24

Sample Matrix: Sediment
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS (total) (3)	3	2026/06/24	2026/06/24	BBY7SOP-00004 / BBY7SOP-00001	EPA 6020b R2 m
pH (2:1 DI Water Extract)	3	2026/06/24	2026/06/24	BBY6SOP-00028	BCMOE BCLM Mar2005 m
Texture by Hydrometer (Sand, Silt, Clay)	3	N/A	2026/06/26	BBY6SOP-00051	Carter 2nd ed 55.3 m
Sulfur (1)	3	N/A	2026/07/07	STL SOP-00028	MA. 310-CS 1.0 R3 m
Total Organic Carbon in Soil (2)	3	2026/06/30	2026/07/03	CAM SOP-00468	BCMOE TOC Aug 2014

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Montreal , 889 Montee de Liesse , Ville St-Laurent, QC, H4T 1P5
(2) This test was performed by Bureau Veritas Campobello, 6740 Campobello Road , Mississauga, ON, L5N 2L8
(3) The sample is prepaired per the BC MOE Lab Manual "Strong Acid Leachable Metals (SALM) in Soil - Prescriptive", Revision Nov 6, 2015.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: WHR464-3
Your Project #: 234.030129.00001
Site#: Taku River
Site Location: New Polaris Mine
Your C.O.C. #: 133296

Attention: Eliane Roy

SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse, YT
CANADA Y1A 1N2

Report Date: 2026/07/08
Report #: R3802773
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C637060
Received: 2026/06/20, 11:24

Encryption Key



Bureau Veritas
08 Jul 2026 05:56:46

Please direct all questions regarding this Certificate of Analysis to:
Linsay Sunderman, Senior Project Manager
Email: linsay.sunderman@bureauveritas.com
Phone# (604) 734 7276

==========

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C637060
Report Date: 2026/07/08

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-3
Sampler Initials: ER

RESULTS OF CHEMICAL ANALYSES OF SEDIMENT

Bureau Veritas ID		EHE700	EHE701	EHE702		
Sampling Date		2026/06/13 15:50	2026/06/13 16:00	2026/06/13 16:10		
COC Number		133296	133296	133296		
	UNITS	S26LCDS_1	S26LCDS_2	S26LCDS_3	RDL	QC Batch
CONVENTIONALS						
Total Sulphur (S)	mass%	0.052	0.043	0.037	0.010	C338162
Misc. Inorganics						
Total Organic Carbon (C)	mg/kg	3600	2600	4200	500	C335168
Physical Properties						
% sand by hydrometer	%	58	68	58	2.0	C326450
% silt by hydrometer	%	36	28	38	2.0	C326450
Clay Content	%	6.2	33	4.0	2.0	C326450
RDL = Reportable Detection Limit						

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SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-3
Sampler Initials: ER

CSR/CCME METALS IN SOIL WITH HG (SEDIMENT)

Bureau Veritas ID		EHE700	EHE701	EHE702		
Sampling Date		2026/06/13 15:50	2026/06/13 16:00	2026/06/13 16:10		
COC Number		133296	133296	133296		
	UNITS	S26LCDS_1	S26LCDS_2	S26LCDS_3	RDL	QC Batch
Physical Properties						
Soluble (2:1) pH	pH	8.28	8.34	8.28	N/A	C324836
Total Metals by ICPMS						
Total Aluminum (Al)	mg/kg	11800	11000	11200	100	C324834
Total Antimony (Sb)	mg/kg	0.91	0.86	0.88	0.10	C324834
Total Arsenic (As)	mg/kg	15.5	12.8	12.9	0.20	C324834
Total Barium (Ba)	mg/kg	201	168	159	0.20	C324834
Total Beryllium (Be)	mg/kg	0.37	0.42	0.38	0.20	C324834
Total Bismuth (Bi)	mg/kg	0.18	0.13	0.16	0.10	C324834
Total Boron (B)	mg/kg	3.5	3.5	3.3	1.0	C324834
Total Cadmium (Cd)	mg/kg	0.348	0.311	0.303	0.050	C324834
Total Calcium (Ca)	mg/kg	13400	13700	13700	100	C324834
Total Chromium (Cr)	mg/kg	50.8	51.0	50.3	0.50	C324834
Total Cobalt (Co)	mg/kg	12.6	11.6	12.4	0.10	C324834
Total Copper (Cu)	mg/kg	42.9	36.5	38.9	0.50	C324834
Total Iron (Fe)	mg/kg	32300	30900	30800	100	C324834
Total Lead (Pb)	mg/kg	10.4	8.72	9.71	0.10	C324834
Total Lithium (Li)	mg/kg	11.3	11.0	11.0	0.50	C324834
Total Magnesium (Mg)	mg/kg	13500	13400	13900	100	C324834
Total Manganese (Mn)	mg/kg	559	512	525	0.20	C324834
Total Mercury (Hg)	mg/kg	<0.050	<0.050	0.060	0.050	C324834
Total Molybdenum (Mo)	mg/kg	1.62	1.70	1.43	0.10	C324834
Total Nickel (Ni)	mg/kg	60.7	61.6	63.4	0.50	C324834
Total Phosphorus (P)	mg/kg	1030	991	984	10	C324834
Total Potassium (K)	mg/kg	887	824	799 (1)	100	C324834
Total Selenium (Se)	mg/kg	<0.50	<0.50	<0.50	0.50	C324834
Total Silver (Ag)	mg/kg	0.108	0.100	0.111	0.050	C324834
Total Sodium (Na)	mg/kg	253	231	231	100	C324834
Total Strontium (Sr)	mg/kg	64.6	65.4	66.4	0.10	C324834

RDL = Reportable Detection Limit
N/A = Not Applicable
(1) Matrix Spike exceeds acceptance limits due to matrix interference. Reanalysis yields similar results.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C637060
Report Date: 2026/07/08

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-3
Sampler Initials: ER

CSR/CCME METALS IN SOIL WITH HG (SEDIMENT)

Bureau Veritas ID		EHE700	EHE701	EHE702		
Sampling Date		2026/06/13 15:50	2026/06/13 16:00	2026/06/13 16:10		
COC Number		133296	133296	133296		
	UNITS	S26LCDS_1	S26LCDS_2	S26LCDS_3	RDL	QC Batch
Total Thallium (Tl)	mg/kg	0.112	0.120	0.101	0.050	C324834
Total Tin (Sn)	mg/kg	0.36	0.35	0.31	0.10	C324834
Total Titanium (Ti)	mg/kg	800	745	723	1.0	C324834
Total Tungsten (W)	mg/kg	<0.50	0.60	<0.50	0.50	C324834
Total Uranium (U)	mg/kg	1.73	1.54	1.62	0.050	C324834
Total Vanadium (V)	mg/kg	67.1	65.3	62.3	1.0	C324834
Total Zinc (Zn)	mg/kg	73.5	73.1	68.4	1.0	C324834
Total Zirconium (Zr)	mg/kg	3.86	4.10	4.18	0.50	C324834
RDL = Reportable Detection Limit						

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GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
C324834	Total Aluminum (Al)	2026/06/24	NC	75 - 125	95	80 - 120	<100	mg/kg	1.7	40	100	70 - 130
C324834	Total Antimony (Sb)	2026/06/24	98	75 - 125	98	80 - 120	<0.10	mg/kg	1.4	30	106	70 - 130
C324834	Total Arsenic (As)	2026/06/24	108	75 - 125	100	80 - 120	<0.20	mg/kg	6.6	30	92	70 - 130
C324834	Total Barium (Ba)	2026/06/24	110	75 - 125	97	80 - 120	<0.20	mg/kg	1.4	40	102	70 - 130
C324834	Total Beryllium (Be)	2026/06/24	96	75 - 125	91	80 - 120	<0.20	mg/kg	9.9	30	90	70 - 130
C324834	Total Bismuth (Bi)	2026/06/24	104	75 - 125	97	80 - 120	<0.10	mg/kg	3.7	30		
C324834	Total Boron (B)	2026/06/24	105	75 - 125	96	80 - 120	<1.0	mg/kg	8.4	30		
C324834	Total Cadmium (Cd)	2026/06/24	109	75 - 125	99	80 - 120	<0.050	mg/kg	9.0	30	112	70 - 130
C324834	Total Calcium (Ca)	2026/06/24	NC	75 - 125	98	80 - 120	<100	mg/kg	4.0	30	98	70 - 130
C324834	Total Chromium (Cr)	2026/06/24	104	75 - 125	98	80 - 120	<0.50	mg/kg	2.2	30	104	70 - 130
C324834	Total Cobalt (Co)	2026/06/24	110	75 - 125	105	80 - 120	<0.10	mg/kg	1.9	30	102	70 - 130
C324834	Total Copper (Cu)	2026/06/24	110	75 - 125	98	80 - 120	<0.50	mg/kg	2.4	30	100	70 - 130
C324834	Total Iron (Fe)	2026/06/24	NC	75 - 125	102	80 - 120	<100	mg/kg	0.97	30	100	70 - 130
C324834	Total Lead (Pb)	2026/06/24	109	75 - 125	108	80 - 120	<0.10	mg/kg	2.3	40	121	70 - 130
C324834	Total Lithium (Li)	2026/06/24	94	75 - 125	87	80 - 120	<0.50	mg/kg	12	30	96	70 - 130
C324834	Total Magnesium (Mg)	2026/06/24	NC	75 - 125	97	80 - 120	<100	mg/kg	0.70	30	100	70 - 130
C324834	Total Manganese (Mn)	2026/06/24	NC	75 - 125	98	80 - 120	<0.20	mg/kg	1.9	30	102	70 - 130
C324834	Total Mercury (Hg)	2026/06/24	111	75 - 125	101	75 - 125	<0.050	mg/kg	1.9	40	98	70 - 130
C324834	Total Molybdenum (Mo)	2026/06/24	109	75 - 125	96	80 - 120	<0.10	mg/kg	7.7	40	116	70 - 130
C324834	Total Nickel (Ni)	2026/06/24	100	75 - 125	96	80 - 120	<0.50	mg/kg	3.1	30	100	70 - 130
C324834	Total Phosphorus (P)	2026/06/24	97	75 - 125	98	80 - 120	<10	mg/kg	0.55	30	107	70 - 130
C324834	Total Potassium (K)	2026/06/24	135 (1)	75 - 125	96	80 - 120	<100	mg/kg	0.96	40	96	70 - 130
C324834	Total Selenium (Se)	2026/06/24	108	75 - 125	100	80 - 120	<0.50	mg/kg	NC	30		
C324834	Total Silver (Ag)	2026/06/24	98	75 - 125	91	80 - 120	<0.050	mg/kg	8.1	40	90	70 - 130
C324834	Total Sodium (Na)	2026/06/24	100	75 - 125	94	80 - 120	<100	mg/kg	6.9	40	96	70 - 130
C324834	Total Strontium (Sr)	2026/06/24	112	75 - 125	97	80 - 120	<0.10	mg/kg	3.7	40	102	70 - 130
C324834	Total Thallium (Tl)	2026/06/24	107	75 - 125	98	80 - 120	<0.050	mg/kg	1.3	30	107	70 - 130
C324834	Total Tin (Sn)	2026/06/24	107	75 - 125	98	80 - 120	<0.10	mg/kg	13	40	108	70 - 130
C324834	Total Titanium (Ti)	2026/06/24	NC	75 - 125	98	80 - 120	<1.0	mg/kg	3.7	40		
C324834	Total Tungsten (W)	2026/06/24	95	75 - 125	101	80 - 120	<0.50	mg/kg	NC	40		
C324834	Total Uranium (U)	2026/06/24	107	75 - 125	97	80 - 120	<0.050	mg/kg	4.8	30	97	70 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		Spiked Blank		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
C324834	Total Vanadium (V)	2026/06/24	106	75 - 125	96	80 - 120	<1.0	mg/kg	1.7	30	99	70 - 130
C324834	Total Zinc (Zn)	2026/06/24	99	75 - 125	95	80 - 120	<1.0	mg/kg	3.1	30	99	70 - 130
C324834	Total Zirconium (Zr)	2026/06/24	117	75 - 125	101	80 - 120	<0.50	mg/kg	1.0	40		
C324836	Soluble (2:1) pH	2026/06/24			100	97 - 103			0.13	N/A		
C326450	% sand by hydrometer	2026/06/26							3.7	35	103	90 - 110
C326450	% silt by hydrometer	2026/06/26							0	35		
C326450	Clay Content	2026/06/26							29	35		
C335168	Total Organic Carbon (C)	2026/07/03					<500	mg/kg			96	75 - 125
C338162	Total Sulphur (S)	2026/07/07					<0.010	mass%			99	77 - 128

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C637060
Report Date: 2026/07/08

SLR CONSULTING (CANADA) LTD
Client Project #: 234.030129.00001
Site Location: New Polaris Mine
Your P.O. #: WHR464-3
Sampler Initials: ER

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Miryam Assayag, B.Sc. Chemist, Montréal, Team Leader

Louise Harding, Scientific Specialist

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

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C637060
2026/06/20 11:24

Custody Tracking Form

W133296-H

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

First Sample: S26LCDS_1
Last Sample: S26LCDS_3
Sample Count: 3

Relinquished By				Received By			
Print: Elaine Roy	Sign:	Date	2026/06/19	Print: Ching Wai Chung	Sign:	Date	2026/06/20
		Time (24 HR)	1445			Time (24 HR)	11:24
Print	Sign	Date	YYYY/MM/DD	Print	Sign	Date	YYYY/MM/DD
		Time (24 HR)	HH:MM			Time (24 HR)	HH:MM
Print	Sign	Date	YYYY/MM/DD	Print	Sign	Date	YYYY/MM/DD
		Time (24 HR)	HH:MM			Time (24 HR)	HH:MM

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print): Elaine Roy

# of Coolers/Pkgs: 1

Immediate Test ☐ Rush ☐

Regular ☑ Micro ☐

*** LABORATORY USE ONLY ***

Received At

RECEIVED IN WHITEHORSE
BY: Jasvir Kaur @ 1445
Jasvir kaur
JUN 19 2026
C.S→ NO Ice→ YES
TEMP: 8 / 9 / 12

Lab Comments:

MVAN-2026-06-1810

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
Y	Y	Y	4	3	3
Y	Y	Y	6	6	5

COR FCD-00383/5

Page 1 of 1

eCOC: W133296

Project Information:	C637060
Job Received:	2026/06/20 11:24
Expected TAT:	Standard TAT
Expected Arrival:	2026/06/18
Submitted By:	Eliane Roy
Submitted To:	Burnaby ENV: 4606 Canada Way

Invoice Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Report Information

Attn: Eliane Roy
SLR CONSULTING (CANADA) LTD
6131 6th Avenue
Whitehorse , YT , Y1A 1N2
Email to:
eroy@slrconsulting.com

Project Information

Quote #:	C50955
PO/AFE#:	WHR464-3
Project #:	234.030129.00001
Site Location:	New Polaris Mine
Site #:	Taku River

Analytical Summary

A: Standard TAT

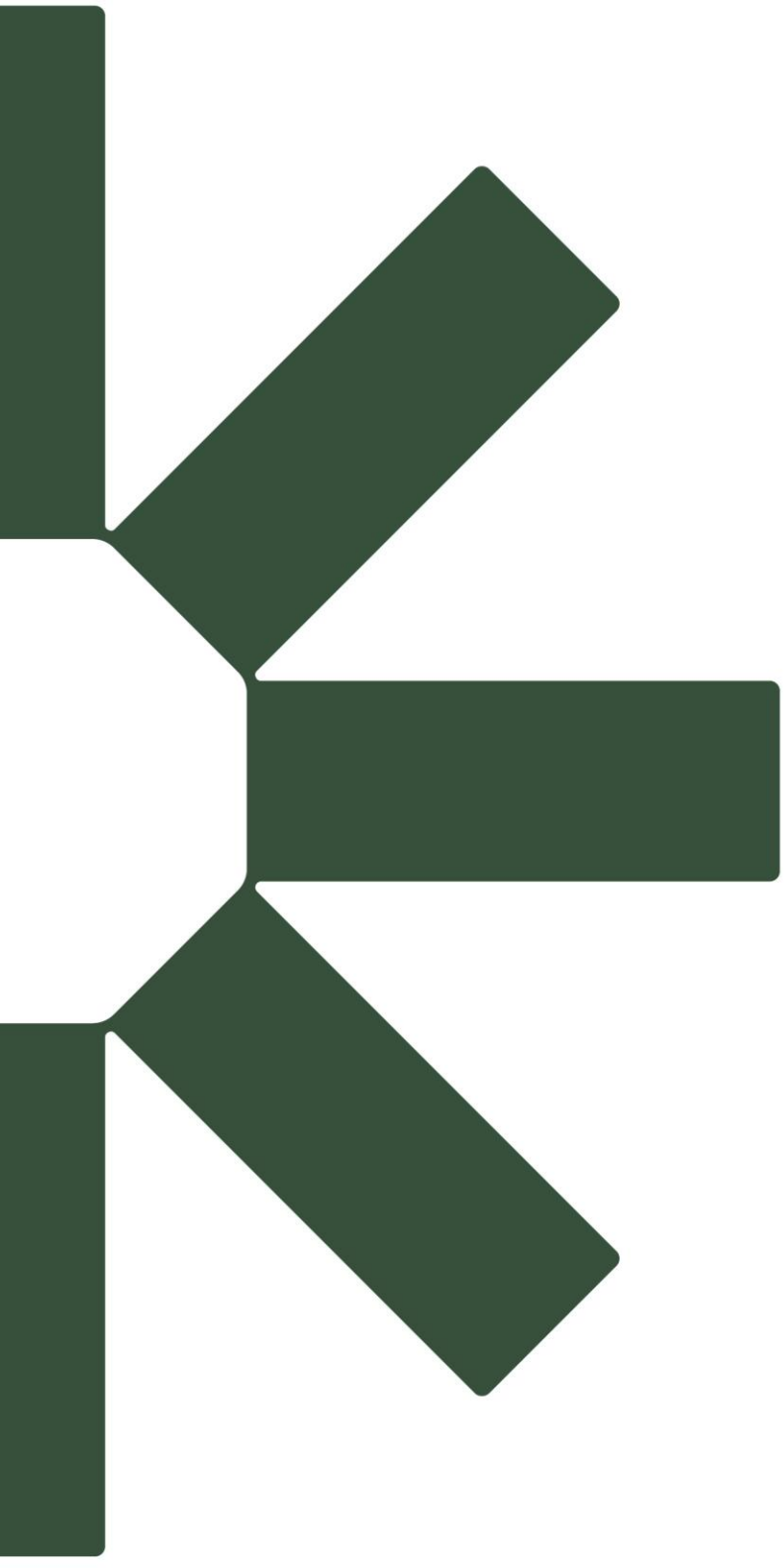
Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	CSR/CCME Metals in Soil with Hg	BC total organic carbon LECO method	Texture by Hydrometer (Sand, Silt, Clay)	Total Carbon & Sulphur in Soil
S26LCDS_1	1	2026/06/13 15:50	SEDIMENT	3	A	A	A	A
S26LCDS_2	2	2026/06/13 16:00	SEDIMENT	3	A	A	A	A
S26LCDS_3	3	2026/06/13 16:10	SEDIMENT	3	A	A	A	A

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Criteria 1: CCME Sed Aquatic Life Criteria 2: BCWQG for ALF on Sediment

Submission Information

# of Samples: 3



Making Sustainability Happen