

# Surveillance Network Program Report for MV2020L2-0002, Sixty North Gold Mines Ltd.

August 31, 2024

This report according to Annex A- Surveillance Network Program for MV2020L2-0002 issued to Sixty North Gold Mines Ltd. for the Mon Gold Project.

## Summary

SNP samples were collected August 25. Mine develop continued in August with ramp and crosscut development. All mining activity shutdown August 25. Two geotechnical holes completed and thermistor strings installed at SNP 03a and SNP 06a.

1. The effective date of this Surveillance Network Program report is August 31, 2024.
2. Activity in June was constrained to camp construction and in July the camp operated with 10 personnel until July 22 when it was reduced to 8 personnel on site. The operations shutdown July 27 for a WSCC two-week break. Mining operations restarted August 13, 2024.

Thermistors at SNP-03b and SNP-06a have been installed and the initial results are shown below.

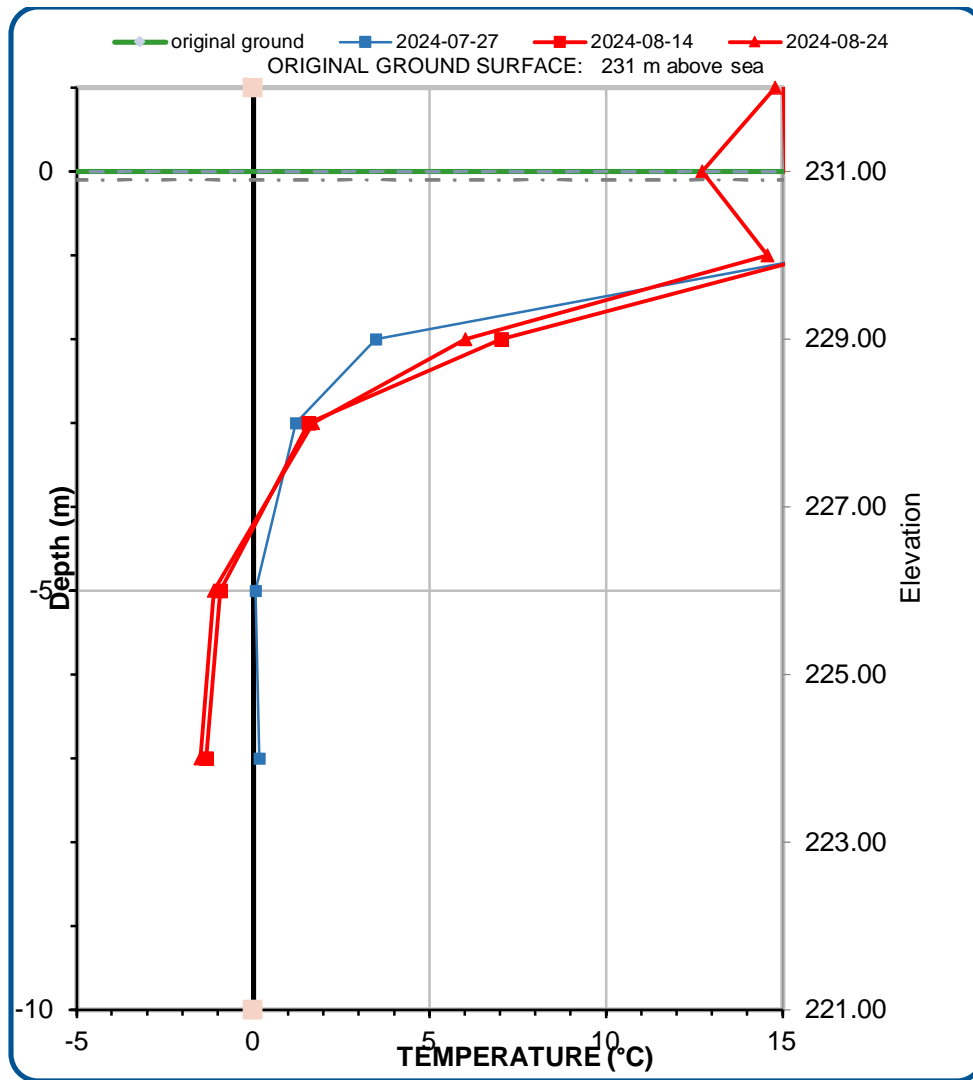


Figure 1. Thermistor readings from new installation at SNP-03b

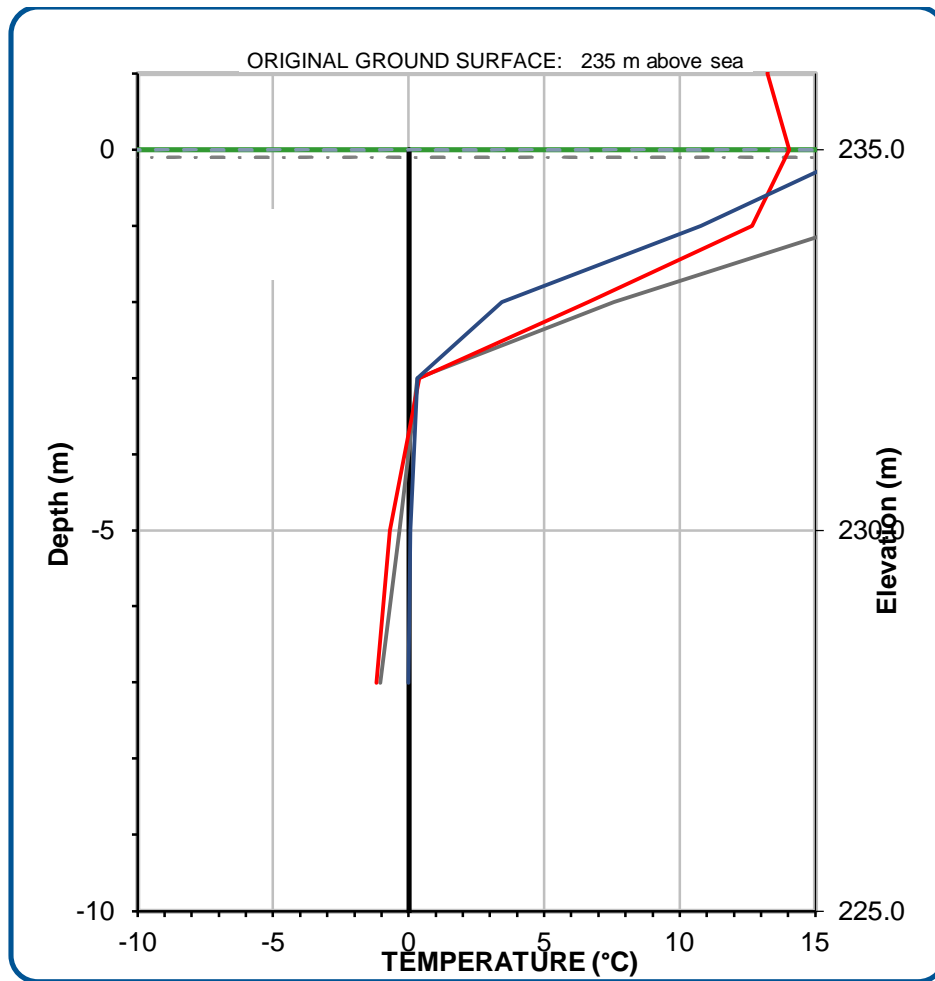


Figure 2. Thermistor readings from new installation at SNP-06a

a. Electronic summary attached in xlsx format.

Table 1. Summary of SNP Program activities

SNP STN	Date	Data	Collected
SNP-01			No discharge
SNP-02			No DST
SNP-03a	25/08/24	pH 6.7 field, 9.1°C	No DST
SNP-04			Inaccessible
SNP-05			No water
SNP-06			No water
SNP-07			No water
SNP-08	25/08/24	pH 7.9 field 15.7°C	Sump Filled from 12
SNP-09	25/08/24	pH 6.5 field 17.7°C	Down Slope Waste
SNP-10			No ore
SNP-11			No water
SNP-12	25/08/24	pH 7.5 field 15.7°C	Low water

SNP-13			No activities
SNP-14			No activities
SNP-15			No activities
SNP-16			No activities
SNP-17			No activities
SNP-18			No activities
SNP-19			No activities
SNP-20			No activities
SNP-21			No water
SNP-22			No water

QA/QC

c) Actions taken in response to any exceedances.

No exceedances were noted in samples collected August 25, 2024

d) Calibration and status of meters and devices referred to in Part B Condition 18 of this license.

Volumes are measured during filling using volume calculations on 1 cubic metre cubic containers.

3) Coordinates of all SNP sites that were established including an updated map identifying all the SNP sites.

Table 2. Location of all SNP sites (from Groundwater and Water Management Plan).

SNP	Easting	Northing	Description	Rationale
SNP-01	635811.5376	6977310.049	Sewage Treatment Plant Effluent	To monitor the quality and quantity of treated Sewage being disposed from the Sewage Treatment System
SNP-02	635719.9015	6977561.717	Monitoring trench, immediately downstream of the Dry Stack Tailings Facility	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility
SNP-03a	635482.7263	6977466.707	Monitoring trench, down slope of Dry Stack Tailings Facility – First Narrows	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility

SNP-03b	635469.9287	6977469.056	Monitoring trench, down slope of Dry Stack Tailings Facility – Culvert	To monitor the quality of Seepage and surface Water downstream of the Dry Stack Tailings Facility
SNP-04	635716.5372	6977560.698	Seepage from the Dry Stack Tailings Facility	To monitor the quality and quantity of Seepage from the Dry Stack Tailings Facility
SNP-05	635621.5286	6977632.123	Background Well - Upgradient of the Dry Stack Tailings Facility	To establish background water quality before operation of the Dry Stack Tailings Facility and to monitor upgradient Water quality once the Dry Stack Tailings Facility is operational.
SNP-06a	635727.6526	6977502.42	Monitoring Well – Downgradient of the Dry Stack Tailings Facility	To establish background water quality before and during operation of the Dry Stack Tailings Facility
SNP-06b	635491.1453	6977464.347	Monitoring Well – Downgradient of the Dry Stack Tailings Facility	To establish background water quality before and during operation of the Dry Stack Tailings Facility
SNP-07			Underground Minewater Sump(s)	To monitor the quantity and quality of groundwater and mine Water collected in the underground sump prior to discharge to the surface
SNP-08	635781.5557	6977103.871	Minewater holding tank or pond	To monitor the quantity and quality of mine Water prior to discharge to the Receiving Environment
SNP-09	635813.5578	6977130.145	Seepage from Waste rock pile(s)	To monitor the quality and quantity of Seepage from the Waste rock pile(s)
SNP-10	635841.5194	6977074.557	Seepage from ore stockpile(s)	To monitor the quality and quantity of Seepage from the ore stockpile(s)

SNP-11	635917.6533	6977045.243	Freshwater in Discovery Lake	To monitor water use
SNP-12	635932.5783	6977101.731	Discovery Lake	To monitor impacts of runoff and Discharge from the Project on Water quality in Discovery Lake
SNP-13	642894.9157	6947940.977	Prosperous Lake	To monitor water use
SNP-14	638774.8301	6973931.416	Sito Lake	To monitor water use
SNP-15	641258.1981	6953048.757	Bluefish Lake	To monitor water use
SNP-16	639085.2532	6964534.219	Quayta Lake	To monitor water use
SNP-17	636024.7339	6974998.439	Lake A (T-Bone)	To monitor water use
SNP-18	636145.2634	6974985.342	Lake B (Bone)	To monitor water use
SNP-19	636136.8196	6975393.639	Lake C (565)	To monitor water use
SNP-20	636689.1345	6975138.341	Lake D (SZ)	To monitor water use
SNP-21	635970	6976850	Explosives Mag	To monitor waters draining EM
SNP-22	635630	6977240	Road	To monitor drainage from road

Date	Camp	Mine	Other	Comment	Total	Cumulative
2024-08-01						
2024-08-02						
2024-08-03						
2024-08-04						
2024-08-05						
2024-08-06	1.5				1.5	1.5
2024-08-07						1.5
2024-08-08						1.5
2024-08-09						1.5
2024-08-10						1.5
2024-08-11	1				1	2.5
2024-08-12						2.5
2024-08-13						2.5
2024-08-14	1.5				1.5	4
2024-08-15						4
2024-08-16	1				1	5
2024-08-17						5
2024-08-18		20			20	25
2024-08-19	2				2	27

2024-08-20		20			20	47
2024-08-21						47
2024-08-22						47
2024-08-23	2.5	20			22.5	69.5
2024-08-24		15			15	84.5
2024-08-25	1.5				1.5	86
2024-08-26						86
2024-08-27	2				2	88
2024-08-28						88
2024-08-29	1.5				1.5	89.5
2024-08-30						89.5
2024-08-31	1.5				1.5	91
Total	16	75			91	

f) A tabular summary of cumulative water usage in cubic metres.

*mn = mine, cmp = camp*



## CERTIFICATE OF ANALYSIS

<b>Work Order</b>	: <b>YL2400818</b>	<b>Page</b>	: 1 of 7
<b>Client</b>	: <b>DRW Geological Consultants</b>	<b>Laboratory</b>	: ALS Environmental - Yellowknife
<b>Contact</b>	: Dave Webb	<b>Account Manager</b>	: Oliver Gregg
<b>Address</b>	: 1909 108 West Cordova St., Vancouver BC Canada V6B 0G5	<b>Address</b>	: 314 Old Airport Road, Unit 116 Yellowknife NT Canada X1A 3T3
<b>Telephone</b>	: ----	<b>Telephone</b>	: 1 867 445 7143
<b>Project</b>	: Mon	<b>Date Samples Received</b>	: 05-Jul-2024 15:15
<b>PO</b>	: ----	<b>Date Analysis Commenced</b>	: 05-Jul-2024
<b>C-O-C number</b>	: ----	<b>Issue Date</b>	: 18-Jul-2024 13:35
<b>Sampler</b>	: ----		
<b>Site</b>	: SNP		
<b>Quote number</b>	: YL24-DRWC100-001		
<b>No. of samples received</b>	: 4		
<b>No. of samples analysed</b>	: 4		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Chamoi Beckford	Lab Assistant	Metals, Burnaby, British Columbia
Chau Tran	Analyst	Metals, Burnaby, British Columbia
Daniel Shabestani	Lab Assistant	Metals, Burnaby, British Columbia
Jing Liu	Laboratory Analyst	Inorganics, Edmonton, Alberta
Logan Carroll	Laboratory Analyst	Inorganics, Edmonton, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Oliver Gregg	Client Services Supervisor	External Subcontracting, Yellowknife, Northwest Territories
Owen Cheng		Metals, Burnaby, British Columbia
Ping Yeung	Team Leader - Inorganics	Inorganics, Edmonton, Alberta





## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
LOR: Limit of Reporting (detection limit).

<i>Unit</i>	<i>Description</i>
-	no units
µS/cm	microsiemens per centimetre
mg/L	milligrams per litre
NTU	nephelometric turbidity units
pH units	pH units

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Qualifiers

<i>Qualifier</i>	<i>Description</i>
DLDS	Detection Limit Raised: Dilution required due to high Dissolved Solids / Electrical Conductivity.
DLM	Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).
DTC	Dissolved concentration exceeds total. Results were confirmed by re-analysis.



## Analytical Results

Sub-Matrix: Water					Client sample ID	SNP-03a	SNP-08	SNP-09	SNP-12	----
(Matrix: Water)					Client sampling date / time	05-Jul-2024 09:00	05-Jul-2024 10:00	05-Jul-2024 10:30	05-Jul-2024 09:30	----
Analyte	CAS Number	Method/Lab	LOR	Unit	YL2400818-001	YL2400818-002	YL2400818-003	YL2400818-004	-----	----
					Result	Result	Result	Result	-----	----
<b>Physical Tests</b>										
Alkalinity, bicarbonate (as CaCO3)	---	E290/VA	2.0	mg/L	41.3	47.7	65.0	---	---	----
Alkalinity, carbonate (as CaCO3)	---	E290/VA	2.0	mg/L	<2.0	<2.0	<2.0	---	---	----
Alkalinity, hydroxide (as CaCO3)	---	E290/VA	2.0	mg/L	<2.0	<2.0	<2.0	---	---	----
Alkalinity, phenolphthalein (as CaCO3)	---	E290/VA	2.0	mg/L	<2.0	<2.0	<2.0	---	---	----
Alkalinity, total (as CaCO3)	---	E290/VA	2.0	mg/L	41.3	47.7	65.0	---	---	----
Conductivity	---	E100/VA	2.0	µS/cm	108	2320	6120	141	---	----
Hardness (as CaCO3), dissolved	---	EC100/VA	0.60	mg/L	45.9	194	1020	64.8	---	----
Hardness (as CaCO3), from total Ca/Mg	---	EC100A/VA	0.60	mg/L	57.8	191	1010	62.6	---	----
pH	---	E108/VA	0.10	pH units	7.03	7.56	7.36	7.81	---	----
Solids, total dissolved [TDS]	---	E162/VA	10	mg/L	301	1660	4620	---	---	----
Solids, total suspended [TSS]	---	E160/VA	3.0	mg/L	8.4	22.0	6.2	---	---	----
Turbidity	---	E121/VA	0.10	NTU	294	13.6	3.00	---	---	----
<b>Anions and Nutrients</b>										
Ammonia, total (as N)	7664-41-7	E298/EO	0.0050	mg/L	0.0343	177	378	0.0556	---	----
Chloride	16887-00-6	E235.Cl/VA	0.50	mg/L	<0.50	97.7	250	---	---	----
Fluoride	16984-48-8	E235.F/VA	0.020	mg/L	0.160	<0.400 <sup>DLDS</sup>	<1.00 <sup>DLDS</sup>	---	---	----
Kjeldahl nitrogen, total [TKN]	---	E318/EO	0.050	mg/L	1.56	169	337	---	---	----
Nitrate (as N)	14797-55-8	E235.NO3-L/V A	0.0050	mg/L	<0.0050	214	631	---	---	----
Nitrate + Nitrite (as N)	---	EC235.N+N/V A	0.0050	mg/L	<0.0051	215	632	---	---	----
Nitrite (as N)	14797-65-0	E235.NO2-L/V A	0.0010	mg/L	<0.0010	0.615	0.882	---	---	----
Phosphate, ortho-, dissolved (as P)	14265-44-2	E378-U/VA	0.0010	mg/L	0.0170	0.0015	0.0013	---	---	----
Phosphorus, dissolved inorganic	---	E377-L/EO	0.0010	mg/L	0.0184	0.0164	0.0160	---	---	----
Phosphorus, dissolved organic	---	EC377-L.ORG /EO	0.0020	mg/L	0.0202	0.0284	0.0275	---	---	----
Phosphorus, total	7723-14-0	E372-S/EO	0.0010	mg/L	0.185	0.0711	0.0905	---	---	----
Phosphorus, total dissolved	7723-14-0	E375-U/EO	0.0010	mg/L	0.0386	0.0448	0.0435	---	---	----
Phosphorus, total inorganic	---	E376-L/EO	0.0010	mg/L	0.144	0.0326	0.0444	---	---	----



## Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	SNP-03a	SNP-08	SNP-09	SNP-12	----
Client sampling date / time					05-Jul-2024 09:00	05-Jul-2024 10:00	05-Jul-2024 10:30	05-Jul-2024 09:30	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	YL2400818-001	YL2400818-002	YL2400818-003	YL2400818-004	-----	----
					Result	Result	Result	Result	-----	----
<b>Anions and Nutrients</b>										
Phosphorus, total organic	----	EC376-L.ORG /EO	0.0020	mg/L	0.0410	0.0385	0.0461	----	-----	----
Silicate (as SiO2)	7631-86-9	E392/VA	0.50	mg/L	12.3	1.37	6.77	----	-----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/VA	0.30	mg/L	10.4	32.3	149	----	-----	----
<b>Organic / Inorganic Carbon</b>										
Carbon, total organic [TOC]	----	E355-L/EO	0.50	mg/L	29.0	13.8	24.3	----	-----	----
<b>Total Metals</b>										
Aluminum, total	7429-90-5	E420/VA	0.0030	mg/L	11.5	0.679	0.0985	0.0724	-----	----
Antimony, total	7440-36-0	E420/VA	0.00010	mg/L	0.00032	0.00147	0.00166	0.00037	-----	----
Arsenic, total	7440-38-2	E420/VA	0.00010	mg/L	0.00497	0.00623	0.0119	0.00187	-----	----
Barium, total	7440-39-3	E420/VA	0.00010	mg/L	0.145	0.0416	0.425	0.00844	-----	----
Beryllium, total	7440-41-7	E420/VA	0.000100	mg/L	0.000286	<0.000100	<0.000100	<0.000100	-----	----
Bismuth, total	7440-69-9	E420/VA	0.000050	mg/L	0.000087	<0.000050	<0.000050	<0.000050	-----	----
Boron, total	7440-42-8	E420/VA	0.010	mg/L	0.018	0.062	0.114	<0.010	-----	----
Cadmium, total	7440-43-9	E420/VA	0.0000050	mg/L	0.0000533	0.0000305	0.00897	0.0000221	-----	----
Calcium, total	7440-70-2	E420/VA	0.050	mg/L	9.94	49.7	251	15.0	-----	----
Cesium, total	7440-46-2	E420/VA	0.000010	mg/L	0.000911	0.00133	0.00222	0.000012	-----	----
Chromium, total	7440-47-3	E420/VA	0.00050	mg/L	0.0127	0.00209	0.00064	<0.00050	-----	----
Cobalt, total	7440-48-4	E420/VA	0.00010	mg/L	0.00334	0.00261	0.0607	0.00031	-----	----
Copper, total	7440-50-8	E420/VA	0.00050	mg/L	0.00986	0.00771	0.00717	0.00122	-----	----
Iron, total	7439-89-6	E420/VA	0.010	mg/L	6.23	1.17	0.796	0.168	-----	----
Lead, total	7439-92-1	E420/VA	0.000050	mg/L	0.00291	0.00418	0.000388	0.000188	-----	----
Lithium, total	7439-93-2	E420/VA	0.0010	mg/L	0.0168	0.0114	0.0331	0.0030	-----	----
Magnesium, total	7439-95-4	E420/VA	0.0050	mg/L	8.01	16.3	92.2	6.12	-----	----
Manganese, total	7439-96-5	E420/VA	0.00010	mg/L	0.0918	0.0817	1.12	0.0368	-----	----
Mercury, total	7439-97-6	E508/VA	0.0000050	mg/L	0.0000134	0.0000078	<0.0000050	<0.0000050	-----	----
Molybdenum, total	7439-98-7	E420/VA	0.000050	mg/L	0.00147	0.00372	0.00144	0.000745	-----	----
Nickel, total	7440-02-0	E420/VA	0.00050	mg/L	0.0127	0.00850	0.456	0.00191	-----	----
Phosphorus, total	7723-14-0	E420/VA	0.050	mg/L	0.180	0.100	0.112	<0.050	-----	----
Potassium, total	7440-09-7	E420/VA	0.050	mg/L	7.27	6.66	37.1	2.52	-----	----
Rubidium, total	7440-17-7	E420/VA	0.00020	mg/L	0.0183	0.0136	0.0997	0.00290	-----	----



## Analytical Results

Sub-Matrix: Water					Client sample ID	SNP-03a	SNP-08	SNP-09	SNP-12	----
(Matrix: Water)					Client sampling date / time	05-Jul-2024 09:00	05-Jul-2024 10:00	05-Jul-2024 10:30	05-Jul-2024 09:30	----
Analyte	CAS Number	Method/Lab	LOR	Unit	YL2400818-001	YL2400818-002	YL2400818-003	YL2400818-004	-----	
					Result	Result	Result	Result	----	
<b>Total Metals</b>										
Selenium, total	7782-49-2	E420/VA	0.000050	mg/L	0.000116	0.000361	0.00102	0.000058	----	
Silicon, total	7440-21-3	E420/VA	0.10	mg/L	26.1	1.81	3.86	0.40	----	
Silver, total	7440-22-4	E420/VA	0.000010	mg/L	0.000046	0.000011	0.000020	<0.000010	----	
Sodium, total	7440-23-5	E420/VA	0.050	mg/L	7.50	82.8	234	2.93	----	
Strontium, total	7440-24-6	E420/VA	0.00020	mg/L	0.0733	0.654	1.11	0.0442	----	
Sulfur, total	7704-34-9	E420/VA	0.50	mg/L	3.41	12.8	59.6	5.46	----	
Tellurium, total	13494-80-9	E420/VA	0.00020	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	----	
Thallium, total	7440-28-0	E420/VA	0.000010	mg/L	0.000100	0.000022	0.000342	<0.000010	----	
Thorium, total	7440-29-1	E420/VA	0.00010	mg/L	0.00106	<0.00010	<0.00010	<0.00010	----	
Tin, total	7440-31-5	E420/VA	0.00010	mg/L	0.00019	<0.00010	0.00072	<0.00010	----	
Titanium, total	7440-32-6	E420/VA	0.00030	mg/L	0.251	0.0200	<0.00360 <sup>DLM</sup>	0.00232	----	
Tungsten, total	7440-33-7	E420/VA	0.00010	mg/L	<0.00010	0.00348	0.00011	<0.00010	----	
Uranium, total	7440-61-1	E420/VA	0.000010	mg/L	0.000614	0.000774	0.000236	0.000202	----	
Vanadium, total	7440-62-2	E420/VA	0.00050	mg/L	0.0124	0.00177	0.00055	<0.00050	----	
Zinc, total	7440-66-6	E420/VA	0.0030	mg/L	0.0200	0.0552	4.20	0.0034	----	
Zirconium, total	7440-67-7	E420/VA	0.00020	mg/L	0.00184	<0.00020	<0.00020	<0.00020	----	
<b>Dissolved Metals</b>										
Aluminum, dissolved	7429-90-5	E421/VA	0.0010	mg/L	3.26	0.0176	0.0072	0.0307	----	
Antimony, dissolved	7440-36-0	E421/VA	0.00010	mg/L	0.00029	0.00149	0.00125	<0.00010	----	
Arsenic, dissolved	7440-38-2	E421/VA	0.00010	mg/L	0.00332	0.00352	0.00616	0.00154	----	
Barium, dissolved	7440-39-3	E421/VA	0.00010	mg/L	0.0542	0.0398	0.413	0.00808	----	
Beryllium, dissolved	7440-41-7	E421/VA	0.000100	mg/L	<0.000100	<0.000100	<0.000100	<0.000100	----	
Bismuth, dissolved	7440-69-9	E421/VA	0.000050	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	----	
Boron, dissolved	7440-42-8	E421/VA	0.010	mg/L	0.016	0.067	0.102	0.011	----	
Cadmium, dissolved	7440-43-9	E421/VA	0.0000050	mg/L	0.0000385	0.0000218	0.00764	<0.0000050	----	
Calcium, dissolved	7440-70-2	E421/VA	0.050	mg/L	8.11	49.5	255	14.9	----	
Cesium, dissolved	7440-46-2	E421/VA	0.000010	mg/L	0.000124	0.00135	0.00212	<0.000010	----	
Chromium, dissolved	7440-47-3	E421/VA	0.00050	mg/L	0.00209	<0.00050	<0.00050	<0.00050	----	
Cobalt, dissolved	7440-48-4	E421/VA	0.00010	mg/L	0.00068	0.00200	0.0639	0.00025	----	
Copper, dissolved	7440-50-8	E421/VA	0.00020	mg/L	0.00486	0.00409	0.00491	0.00095	----	
Iron, dissolved	7439-89-6	E421/VA	0.010	mg/L	0.815	0.029	0.107	0.066	----	



## Analytical Results

Sub-Matrix: Water					Client sample ID	SNP-03a	SNP-08	SNP-09	SNP-12	----
(Matrix: Water)					Client sampling date / time	05-Jul-2024 09:00	05-Jul-2024 10:00	05-Jul-2024 10:30	05-Jul-2024 09:30	----
Analyte	CAS Number	Method/Lab	LOR	Unit	YL2400818-001	YL2400818-002	YL2400818-003	YL2400818-004	-----	
					Result	Result	Result	Result	----	
<b>Dissolved Metals</b>										
Lead, dissolved	7439-92-1	E421/VA	0.000050	mg/L	0.000776	0.000262	<0.000050	0.000059	----	
Lithium, dissolved	7439-93-2	E421/VA	0.0010	mg/L	0.0083	0.0124	0.0348	0.0034	----	
Magnesium, dissolved	7439-95-4	E421/VA	0.0050	mg/L	6.24	17.1	92.1	6.71	----	
Manganese, dissolved	7439-96-5	E421/VA	0.00010	mg/L	0.00840	0.0669	1.15	0.0322	----	
Mercury, dissolved	7439-97-6	E509/VA	0.0000050	mg/L	<0.0000050	<0.0000050	<0.0000050	<0.0000050	----	
Molybdenum, dissolved	7439-98-7	E421/VA	0.000050	mg/L	0.00138	0.00389	0.00109	0.000760	----	
Nickel, dissolved	7440-02-0	E421/VA	0.00050	mg/L	0.00513	0.00670	0.453	0.00172	----	
Phosphorus, dissolved	7723-14-0	E421/VA	0.050	mg/L	0.072	<0.050	0.068	<0.050	----	
Potassium, dissolved	7440-09-7	E421/VA	0.050	mg/L	4.59	7.03	37.2	2.36	----	
Rubidium, dissolved	7440-17-7	E421/VA	0.00020	mg/L	0.00488	0.0133	0.0940	0.00276	----	
Selenium, dissolved	7782-49-2	E421/VA	0.000050	mg/L	0.000127	0.000339	0.000953	<0.000050	----	
Silicon, dissolved	7440-21-3	E421/VA	0.050	mg/L	17.6	0.701	3.36	0.327	----	
Silver, dissolved	7440-22-4	E421/VA	0.000010	mg/L	0.000022	<0.000010	<0.000010	<0.000010	----	
Sodium, dissolved	7440-23-5	E421/VA	0.050	mg/L	5.66	81.3	230	2.80	----	
Strontium, dissolved	7440-24-6	E421/VA	0.00020	mg/L	0.0493	0.685	1.07	0.0457	----	
Sulfur, dissolved	7704-34-9	E421/VA	0.50	mg/L	3.28	14.0	58.3	5.70	----	
Tellurium, dissolved	13494-80-9	E421/VA	0.00020	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	----	
Thallium, dissolved	7440-28-0	E421/VA	0.000010	mg/L	0.000023	0.000017	0.000306	<0.000010	----	
Thorium, dissolved	7440-29-1	E421/VA	0.00010	mg/L	<0.00070 <sup>DLM</sup>	<0.00010	<0.00010	<0.00010	----	
Tin, dissolved	7440-31-5	E421/VA	0.00010	mg/L	<0.00010	<0.00010	<0.00010	<0.00010	----	
Titanium, dissolved	7440-32-6	E421/VA	0.00030	mg/L	0.0597	<0.00030	<0.00030	0.00051	----	
Tungsten, dissolved	7440-33-7	E421/VA	0.00010	mg/L	<0.00010	0.00301	<0.00010	<0.00010	----	
Uranium, dissolved	7440-61-1	E421/VA	0.000010	mg/L	0.000343	0.000648	0.000195	0.000200	----	
Vanadium, dissolved	7440-62-2	E421/VA	0.00050	mg/L	0.00322	<0.00050	<0.00050	<0.00050	----	
Zinc, dissolved	7440-66-6	E421/VA	0.0010	mg/L	0.0030	0.0349	4.08	0.0013	----	
Zirconium, dissolved	7440-67-7	E421/VA	0.00020	mg/L	0.00312 <sup>OTC</sup>	<0.00020	<0.00020	<0.00020	----	
Dissolved mercury filtration location	----	EP509/VA	-	-	Field	Field	Field	Field	----	
Dissolved metals filtration location	----	EP421/VA	-	-	Laboratory	Field	Laboratory	Field	----	
<b>Aggregate Organics</b>										
Biochemical oxygen demand [BOD]	----	BOD5/1Y	2.0	mg/L	<2.0	2.0	4.0	----	----	



Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.