

Sampling Location: Dunn Pit: MW-03	Sample Date	9/21/2023	9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water:				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	NM	NM	0.01	5**
ANTIMONY	MG/L	NM	NM	0.002	0.006
ARSENIC	MG/L	NM	NM	0.002	0.01
BARIUM	MG/L	NM	NM	0.004	2
BERYLLIUM	MG/L	NM	NM	0.002	0.004
BICARBONATE AS CaCO3	MG/L	NM	NM	5	
BORON	MG/L	NM	NM	0.02	0.75 **
CADMIUM	MG/L	NM	NM	0.002	0.005
CALCIUM	MG/L	NM	NM	10	
CARBONATE AS CaCO3	MG/L	NM	NM	5	
CHLORIDE	MG/L	NM	NM	2.5	250
CHROMIUM	MG/L	NM	NM	0.004	0.1
COBALT	MG/L	NM	NM	0.005	0.05 **
COPPER	MG/L	NM	NM	0.002	0.2 **
CYANIDE TOTAL	MG/L	NM	NM	0.005	0.2
FLUORIDE	MG/L	NM	NM	0.5	2 **
IRON	MG/L	NM	NM	0.2	0.3
LEAD	MG/L	NM	NM	0.002	0.05
LITHIUM	MG/L	NM	NM	0.005	2.5 **
MAGNESIUM	MG/L	NM	NM	4	
MANGANESE	MG/L	NM	NM	0.005	0.05
MERCURY	MG/L	NM	NM	0.0002	0.002
MOLYBDENUM	MG/L	NM	NM	0.005	0.21
NICKEL	MG/L	NM	NM	0.002	0.1
NITRATE AS N	MG/L	NM	NM	0.5	10
NITRATE/NITRITE AS N	MG/L	NM	NM	2	10
NITRITE AS N	MG/L	NM	NM	0.5	1
PH	PH	NM	NM	0.1	6.5-8.5
POTASSIUM	MG/L	NM	NM	0.2	
SELENIUM	MG/L	NM	NM	0.002	0.02 **
SILVER	MG/L	NM	NM	0.002	0.05
SODIUM	MG/L	NM	NM	4	
SULFATE	MG/L	NM	NM	25	250
THALLIUM	MG/L	NM	NM	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	NM	NM	20	
TOTAL DISSOLVED SOLIDS	MG/L	NM	NM	10	1.25 x background value***
URANIUM	MG/L	NM	NM	0.005	0.03
VANADIUM	MG/L	NM	NM	0.005	0.1 **
ZINC	MG/L	NM	NM	0.004	2 **

ND = Non-Detect

NM = Not Measured

* Water Quality Standards are from Table 1 and Table 2, Department of Public Health and Environment, WQCC Regulation No. 41 unless otherwise noted

** Water Quality Standards are from Table 3, Department of Public Health and Environment, WQCC Regulation No. 41

*** Water Quality Standards are from Table 4, Department of Public Health and Environment, WQCC Regulation No. 41

NOTE: MW-03 was not sample due to unknown person tampering with monitoring well and plugging with grout

Sampling Location: Dunn Pit: MW-05	Sample Date 9/21/2023		9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water:		9.75 feet		
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	0.242	0.0219	0.01	5**
ANTIMONY	MG/L	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	0.0374	0.0389	0.004	2
BERYLLIUM	MG/L	ND	ND	0.002	0.004
BICARBONATE AS CaCO3	MG/L	410	--	5	
BORON	MG/L	2.16	0.345	0.02	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	284	331	10	
CARBONATE AS CaCO3	MG/L	ND	--	5	
CHLORIDE	MG/L	89.3	--	2.5	250
CHROMIUM	MG/L	ND	ND	0.004	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	0.00296	0.00265	0.002	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.005	0.2
FLUORIDE	MG/L	1.04	--	0.5	2 **
IRON	MG/L	0.294	ND	0.2	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	0.0314	0.0297	0.005	2.5 **
MAGNESIUM	MG/L	249	286	4	
MANGANESE	MG/L	0.155	0.0954	0.005	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.005	0.21
NICKEL	MG/L	0.00237	0.00349	0.002	0.1
NITRATE AS N	MG/L	1.43	--	0.5	10
NITRATE/NITRITE AS N	MG/L	ND	--	2	10
NITRITE AS N	MG/L	ND	--	0.5	1
PH	PH	7.37 H	--	0.1	6.5-8.5
POTASSIUM	MG/L	5.86	5.82	0.2	
SELENIUM	MG/L	0.00632	0.00558	0.002	0.02 **
SILVER	MG/L	ND	ND	0.002	0.05
SODIUM	MG/L	275	313	4	
SULFATE	MG/L	2,350	--	25	250
THALLIUM	MG/L	ND	ND	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	410	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	3,870	--	10	1.25 x background value***
URANIUM	MG/L	0.0593	0.0656	0.005	0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	0.004	2 **

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H = Sample analyzed outside method holding time and should be considered estimated

Sampling Location: Dunn Pit: MW-07	Sample Date	9/21/2023	9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water:		5.29 feet		
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	1.230	0.218	0.01	5**
ANTIMONY	MG/L	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	0.0522	0.0348	0.004	2
BERYLLIUM	MG/L	ND	ND	0.002	0.004
BICARBONATE AS CaCO3	MG/L	235	--	5	
BORON	MG/L	1.89	0.205	0.02	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	90.5	80.7	10	
CARBONATE AS CaCO3	MG/L	ND	--	5	
CHLORIDE	MG/L	65.5	--	2.5	250
CHROMIUM	MG/L	0.00584	ND	0.004	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	0.0037	ND	0.002	0.2 **
CYANIDE TOTAL	MG/L	ND	ND	0.005	0.2
FLUORIDE	MG/L	0.6960	--	0.5	2 **
IRON	MG/L	1.54	ND	0.2	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	0.01	0.01	0.005	2.5 **
MAGNESIUM	MG/L	67.8	63.2	4	
MANGANESE	MG/L	0.0486	0.016	0.005	0.05
MERCURY	MG/L	ND	0.0160	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.005	0.21
NICKEL	MG/L	0.0023	ND	0.002	0.1
NITRATE AS N	MG/L	1.44	--	0.5	10
NITRATE/NITRITE AS N	MG/L	ND	--	2	10
NITRITE AS N	MG/L	ND	--	0.5	1
PH	PH	7.32 H	--	0.1	6.5-8.5
POTASSIUM	MG/L	7.64	6.63	0.2	
SELENIUM	MG/L	0.00201	ND	0.002	0.02 **
SILVER	MG/L	ND	ND	0.002	0.05
SODIUM	MG/L	88.8	84.4	4	
SULFATE	MG/L	450	--	25	250
THALLIUM	MG/L	ND	ND	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	235	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	844	--	10	1.25 x background value***
URANIUM	MG/L	0.0278	0.03	0.005	0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	0.0068	ND	0.004	2 **

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Sampling Location: Dunn Pit: MW-08	Sample Date	9/21/2023	9/21/2023	9/21/2023	9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary	Duplicate	Duplicate		
	Depth to Water: 7.98 feet						
Analyte List	Value Units	Total	Dissolved	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	0.0220	0.0107	ND	0.0303	0.01	5**
ANTIMONY	MG/L	ND	ND	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	ND	ND	0.002	0.01
BARIUM	MG/L	0.122	0.121	0.112	0.119	0.004	2
BERYLLIUM	MG/L	ND	ND	ND	ND	0.002	0.004
BICARBONATE AS CaCO3	MG/L	274	--	270	--	5	
BORON	MG/L	1.9	0.196	1.9	0.194	0.02	0.75 **
CADMIUM	MG/L	ND	ND	ND	ND	0.002	0.005
CALCIUM	MG/L	111	108	107	104	10	
CARBONATE AS CaCO3	MG/L	ND	--	ND	--	5	
CHLORIDE	MG/L	49.9	--	46.9	--	2.5	250
CHROMIUM	MG/L	ND	ND	ND	ND	0.004	0.1
COBALT	MG/L	ND	ND	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	ND	ND	ND	0.002	0.2 **
CYANIDE TOTAL	MG/L	ND	--	ND	--	0.005	0.2
FLUORIDE	MG/L	0.71	--	0.82	--	0.5	2 **
IRON	MG/L	ND	ND	ND	ND	0.2	0.3
LEAD	MG/L	ND	ND	ND	ND	0.002	0.05
LITHIUM	MG/L	ND	0.01	ND	0.01	0.005	2.5 **
MAGNESIUM	MG/L	80.20	77.30	76.40	73.30	4	
MANGANESE	MG/L	0.0761	0.0795	0.0762	0.0767	0.005	0.05
MERCURY	MG/L	ND	ND	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	ND	0.00502	0.005	0.21
NICKEL	MG/L	ND	ND	ND	0.0021	0.002	0.1
NITRATE AS N	MG/L	1.76	--	1.68	--	0.5	10
NITRATE/NITRITE AS N	MG/L	ND	--	ND	--	2	10
NITRITE AS N	MG/L	ND	--	ND	--	0.5	1
PH	PH	7.54 H	--	7.53 H	--	0.1	6.5-8.5
POTASSIUM	MG/L	3.48	3.36	3.31	3.22	0.2	
SELENIUM	MG/L	0.010	0.010	0.010	0.009	0.002	0.02 **
SILVER	MG/L	ND	ND	ND	ND	0.002	0.05
SODIUM	MG/L	112	110	106	105	4	
SULFATE	MG/L	622	--	615	--	25	250
THALLIUM	MG/L	ND	ND	ND	ND	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	274	--	270	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	1120	--	1100	--	10	1.25 x background value***
URANIUM	MG/L	0.0405	0.0394	0.0369	0.039	0.005	0.03
VANADIUM	MG/L	ND	ND	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	0.0141	0.0104	0.00405	0.004	2 **

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Sampling Location: Dunn Pit: MW-09	Sample Date	9/21/2023	9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Primary	Primary		
	Depth to Water: 7.05 feet				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	0.0417	0.0376	0.01	5**
ANTIMONY	MG/L	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	0.0323	0.0353	0.004	2
BERYLLIUM	MG/L	ND	ND	0.002	0.004
BICARBONATE AS CaCO3	MG/L	284	--	5	
BORON	MG/L	1.98	0.25	0.02	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	153	159	10	
CARBONATE AS CaCO3	MG/L	ND	--	5	
CHLORIDE	MG/L	18.9	--	2.5	250
CHROMIUM	MG/L	ND	ND	0.004	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	0.0022	0.002	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.005	0.2
FLUORIDE	MG/L	0.2300	--	0.5	2 **
IRON	MG/L	ND	ND	0.2	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	0.03	0.03	0.005	2.5 **
MAGNESIUM	MG/L	103	104	4	
MANGANESE	MG/L	0.0276	0.0296	0.005	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.005	0.21
NICKEL	MG/L	ND	0.0021	0.002	0.1
NITRATE AS N	MG/L	2.16	--	0.5	10
NITRATE/NITRITE AS N	MG/L	7.1	--	2	10
NITRITE AS N	MG/L	ND	--	0.5	1
PH	PH	7.4 H	--	0.1	6.5-8.5
POTASSIUM	MG/L	5.23	5.37	0.2	
SELENIUM	MG/L	0.0088	0.011	0.002	0.02 **
SILVER	MG/L	ND	ND	0.002	0.05
SODIUM	MG/L	145	148	4	
SULFATE	MG/L	954	--	25	250
THALLIUM	MG/L	ND	ND	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	284	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	1040	--	10	1.25 x background value***
URANIUM	MG/L	0.0369	0.0407	0.005	0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	0.004	2 **

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Sampling Location: Dunn Pit: 03-Blank	Sample Date	9/21/2023	9/21/2023	Loveland Ready-Mix Concrete, Inc. - Dunn Pit: Permit No. M-2021-059	
	Sample Type	Field Blank	Field Blank		
	Distilled Water				
Analyte List	Value Units	Total	Dissolved	Detection Limit	Water Quality Standard *
ALUMINUM	MG/L	ND	0.013	0.01	5**
ANTIMONY	MG/L	ND	ND	0.002	0.006
ARSENIC	MG/L	ND	ND	0.002	0.01
BARIUM	MG/L	ND	ND	0.004	2
BERYLLIUM	MG/L	ND	ND	0.002	0.004
BICARBONATE AS CaCO3	MG/L	ND	--	5	
BORON	MG/L	1.72	ND	0.02	0.75 **
CADMIUM	MG/L	ND	ND	0.002	0.005
CALCIUM	MG/L	ND	ND	10	
CARBONATE AS CaCO3	MG/L	ND	--	5	
CHLORIDE	MG/L	ND	--	2.5	250
CHROMIUM	MG/L	ND	ND	0.004	0.1
COBALT	MG/L	ND	ND	0.005	0.05 **
COPPER	MG/L	ND	ND	0.002	0.2 **
CYANIDE TOTAL	MG/L	ND	--	0.005	0.2
FLUORIDE	MG/L	ND	--	0.5	2 **
IRON	MG/L	ND	ND	0.2	0.3
LEAD	MG/L	ND	ND	0.002	0.05
LITHIUM	MG/L	ND	ND	0.005	2.5 **
MAGNESIUM	MG/L	ND	ND	4	
MANGANESE	MG/L	ND	ND	0.005	0.05
MERCURY	MG/L	ND	ND	0.0002	0.002
MOLYBDENUM	MG/L	ND	ND	0.005	0.21
NICKEL	MG/L	ND	ND	0.002	0.1
NITRATE AS N	MG/L	ND	--	0.5	10
NITRATE/NITRITE AS N	MG/L	ND	--	2	10
NITRITE AS N	MG/L	ND	--	0.5	1
PH	PH	5.33 H	--	0.1	6.5-8.5
POTASSIUM	MG/L	ND	ND	0.2	
SELENIUM	MG/L	ND	ND	0.002	0.02 **
SILVER	MG/L	ND	ND	0.002	0.05
SODIUM	MG/L	ND	ND	4	
SULFATE	MG/L	ND	--	25	250
THALLIUM	MG/L	ND	ND	0.002	0.002
TOTAL ALKALINITY AS CaCO3	MG/L	ND	--	20	
TOTAL DISSOLVED SOLIDS	MG/L	184	--	10	1.25 x background value***
URANIUM	MG/L	ND	ND	0.005	0.03
VANADIUM	MG/L	ND	ND	0.005	0.1 **
ZINC	MG/L	ND	ND	0.004	2 **

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H = Sample analyzed outside method holding time and should be considered estimated



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September 30, 2023

Tim Gerken
Telesto Solutions Inc
750 14th Street
Loveland, CO 80537

Work Order: **HS23091347**

Laboratory Results for: **LRM Dunn Pit**

Dear Tim Gerken,

ALS Environmental received 6 sample(s) on Sep 22, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL

Tyler Monroe

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
Work Order: HS23091347

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23091347-01	MW-05	Water		21-Sep-2023 10:12	22-Sep-2023 07:00	☐
HS23091347-02	MW-07	Water		21-Sep-2023 12:22	22-Sep-2023 07:00	☐
HS23091347-03	03-Blank	Water		21-Sep-2023 12:06	22-Sep-2023 07:00	☐
HS23091347-04	MW-08	Water		21-Sep-2023 13:11	22-Sep-2023 07:00	☐
HS23091347-05	02-MW-08	Water		21-Sep-2023 13:16	22-Sep-2023 07:00	☐
HS23091347-06	MW-09	Water		21-Sep-2023 14:25	22-Sep-2023 07:00	☐

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
Work Order: HS23091347

CASE NARRATIVE

Work Order Comments

- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.
The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

Metals by Method SW7470A**Batch ID: 201071,201201**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A**Batch ID: 201012****Sample ID: 02-MW-08 (HS23091347-05)**

- Sample ran at (2)X dilution due to high concentration of Calcium

Sample ID: MW-05 (HS23091347-01MS)

- Aluminum failed for MS but passed on MSD and PDS
- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. (Calcium,Magnesium,Sodium)

Sample ID: MW-05 (HS23091347-01SD)

- The percent difference between the results of the sample and the serial dilution were greater than 10%. (Calcium,Manganese)

Sample ID: MW-08 (HS23091347-04)

- Sample ran at (2)X dilution due to high concentration of Calcium

Sample ID: MW-09 (HS23091347-06)

- Sample ran at (2)X dilution due to high concentration of Calcium

Batch ID: 200996**Sample ID: HS23090914-01MS**

- MS and MSD are for an unrelated sample

Sample ID: HS23090914-01PDS

- PDS is for an unrelated sample

Wet Chemistry by Method E300**Batch ID: R447145****Sample ID: MW-05 (HS23091347-01MS)**

- The MS and/or MSD recovery was outside of the control limits; however, the result in the parent sample is greater than 4x the spike amount. Sulfate

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
Work Order: HS23091347

CASE NARRATIVE

WetChemistry by Method M2540C

Batch ID: R447460

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM2320B

Batch ID: R447278

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SM4500H+ B

Batch ID: R447279

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E300

Batch ID: R447145

Sample ID: MW-05 (HS23091347-01)

- The reporting limit is elevated due to dilution for high concentrations of non-target analytes. (Fluoride,Nitrogen, Nitrate (As N),Nitrogen, Nitrite (As N))

Batch ID: R447283

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW9014

Batch ID: 200960

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-05
 Collection Date: 21-Sep-2023 10:12

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.242		0.0500	mg/L	5	28-Sep-2023 11:16
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Barium	0.0374		0.0200	mg/L	5	28-Sep-2023 11:16
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Boron	2.16		0.100	mg/L	5	28-Sep-2023 11:16
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Calcium	284		2.50	mg/L	5	28-Sep-2023 11:16
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 18:57
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 18:57
Copper	0.00296		0.00200	mg/L	1	28-Sep-2023 18:57
Iron	0.294		0.200	mg/L	1	28-Sep-2023 18:57
Lead	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Lithium	0.0314		0.0250	mg/L	5	28-Sep-2023 11:16
Magnesium	249		1.00	mg/L	5	28-Sep-2023 11:16
Manganese	0.155		0.00500	mg/L	1	28-Sep-2023 18:57
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 18:57
Nickel	0.00237		0.00200	mg/L	1	28-Sep-2023 18:57
Potassium	5.86		1.00	mg/L	5	28-Sep-2023 11:16
Selenium	0.00632		0.00200	mg/L	1	28-Sep-2023 18:57
Silver	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Sodium	275		1.00	mg/L	5	28-Sep-2023 11:16
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 18:57
Uranium	0.0593		0.0250	mg/L	5	28-Sep-2023 11:16
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 18:57
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 18:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-05
 Collection Date: 21-Sep-2023 10:12

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0219		0.0100	mg/L	1	28-Sep-2023 21:50
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Barium	0.0389		0.00400	mg/L	1	28-Sep-2023 21:50
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Boron	0.345		0.0200	mg/L	1	28-Sep-2023 21:50
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Calcium	331		10.0	mg/L	20	29-Sep-2023 13:48
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:50
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:50
Copper	0.00265		0.00200	mg/L	1	28-Sep-2023 21:50
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:50
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Lithium	0.0297		0.00500	mg/L	1	28-Sep-2023 21:50
Magnesium	286		4.00	mg/L	20	29-Sep-2023 13:48
Manganese	0.0954		0.00500	mg/L	1	28-Sep-2023 21:50
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:50
Nickel	0.00349		0.00200	mg/L	1	28-Sep-2023 21:50
Potassium	5.82		0.200	mg/L	1	28-Sep-2023 21:50
Selenium	0.00558		0.00200	mg/L	1	28-Sep-2023 21:50
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Sodium	313		4.00	mg/L	20	29-Sep-2023 13:48
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:50
Uranium	0.0656		0.00500	mg/L	1	28-Sep-2023 21:50
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:50
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 21:50
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 13:58
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:31
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: JAC		
Chloride	89.3		2.50	mg/L	5	22-Sep-2023 14:42
Fluoride	1.04		0.500	mg/L	5	22-Sep-2023 14:42
Nitrogen, Nitrate (As N)	1.43		0.500	mg/L	5	22-Sep-2023 14:42
Nitrogen, Nitrite (As N)	ND		0.500	mg/L	5	22-Sep-2023 14:42
Sulfate	2,350		25.0	mg/L	50	25-Sep-2023 16:20
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	26-Sep-2023 23:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-05
 Collection Date: 21-Sep-2023 10:12

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	3,870		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	410		5.00	mg/L	1	25-Sep-2023 16:44
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	25-Sep-2023 16:44
Alkalinity, Total (As CaCO ₃)	410		5.00	mg/L	1	25-Sep-2023 16:44
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.37	H	0.100	pH Units	1	25-Sep-2023 16:44
Temp Deg C @pH	24.3	H	0	°C	1	25-Sep-2023 16:44
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023		Analyst: JAC
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-07
 Collection Date: 21-Sep-2023 12:22

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	1.23		0.0500	mg/L	5	28-Sep-2023 11:46
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Barium	0.0522		0.0200	mg/L	5	28-Sep-2023 11:46
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Boron	1.89		0.100	mg/L	5	28-Sep-2023 11:46
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Calcium	90.5		2.50	mg/L	5	28-Sep-2023 11:46
Chromium	0.00584		0.00400	mg/L	1	28-Sep-2023 18:32
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 18:32
Copper	0.00373		0.00200	mg/L	1	28-Sep-2023 18:32
Iron	1.54		1.00	mg/L	5	28-Sep-2023 11:46
Lead	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Lithium	0.0119		0.00500	mg/L	1	28-Sep-2023 18:32
Magnesium	67.8		0.200	mg/L	1	28-Sep-2023 18:32
Manganese	0.0486		0.0250	mg/L	5	28-Sep-2023 11:46
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 18:32
Nickel	0.00228		0.00200	mg/L	1	28-Sep-2023 18:32
Potassium	7.64		1.00	mg/L	5	28-Sep-2023 11:46
Selenium	0.00201		0.00200	mg/L	1	28-Sep-2023 18:32
Silver	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Sodium	88.8		1.00	mg/L	5	28-Sep-2023 11:46
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 18:32
Uranium	0.0278		0.0250	mg/L	5	28-Sep-2023 11:46
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 18:32
Zinc	0.00680		0.00400	mg/L	1	28-Sep-2023 18:32

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-07
 Collection Date: 21-Sep-2023 12:22

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.218		0.0100	mg/L	1	28-Sep-2023 21:51
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Barium	0.0348		0.00400	mg/L	1	28-Sep-2023 21:51
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Boron	0.205		0.0200	mg/L	1	28-Sep-2023 21:51
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Calcium	80.7		0.500	mg/L	1	28-Sep-2023 21:51
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:51
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:51
Copper	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:51
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Lithium	0.0107		0.00500	mg/L	1	28-Sep-2023 21:51
Magnesium	63.2		0.200	mg/L	1	28-Sep-2023 21:51
Manganese	0.0160		0.00500	mg/L	1	28-Sep-2023 21:51
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:51
Nickel	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Potassium	6.63		0.200	mg/L	1	28-Sep-2023 21:51
Selenium	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Sodium	84.4		0.200	mg/L	1	28-Sep-2023 21:51
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:51
Uranium	0.0300		0.00500	mg/L	1	28-Sep-2023 21:51
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:51
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 21:51
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 14:04
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:33
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: JAC		
Chloride	65.5		0.500	mg/L	1	22-Sep-2023 15:46
Fluoride	0.696		0.100	mg/L	1	22-Sep-2023 15:46
Nitrogen, Nitrate (As N)	1.44		0.100	mg/L	1	22-Sep-2023 15:46
Nitrogen, Nitrite (As N)	ND		0.100	mg/L	1	22-Sep-2023 15:46
Sulfate	450		2.50	mg/L	5	22-Sep-2023 15:00
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	27-Sep-2023 00:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-07
 Collection Date: 21-Sep-2023 12:22

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	844		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	235		5.00	mg/L	1	25-Sep-2023 16:57
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	25-Sep-2023 16:57
Alkalinity, Total (As CaCO ₃)	235		5.00	mg/L	1	25-Sep-2023 16:57
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.32	H	0.100	pH Units	1	25-Sep-2023 16:57
Temp Deg C @pH	23.7	H	0	°C	1	25-Sep-2023 16:57
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023		Analyst: JAC
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: 03-Blank
 Collection Date: 21-Sep-2023 12:06

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	ND		0.0100	mg/L	1	28-Sep-2023 21:46
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Barium	ND		0.00400	mg/L	1	28-Sep-2023 21:46
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Boron	1.72		0.100	mg/L	5	28-Sep-2023 11:48
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Calcium	ND		0.500	mg/L	1	28-Sep-2023 21:46
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:46
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Copper	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:46
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Lithium	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Magnesium	ND		0.200	mg/L	1	28-Sep-2023 21:46
Manganese	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Nickel	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Potassium	ND		0.200	mg/L	1	28-Sep-2023 21:46
Selenium	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Sodium	ND		0.200	mg/L	1	28-Sep-2023 21:46
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:46
Uranium	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:46
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 21:46

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: 03-Blank
 Collection Date: 21-Sep-2023 12:06

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0130		0.0100	mg/L	1	28-Sep-2023 21:53
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Barium	ND		0.00400	mg/L	1	28-Sep-2023 21:53
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Boron	ND		0.0200	mg/L	1	28-Sep-2023 21:53
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Calcium	ND		0.500	mg/L	1	28-Sep-2023 21:53
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:53
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Copper	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:53
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Lithium	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Magnesium	ND		0.200	mg/L	1	28-Sep-2023 21:53
Manganese	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Nickel	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Potassium	ND		0.200	mg/L	1	28-Sep-2023 21:53
Selenium	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Sodium	ND		0.200	mg/L	1	28-Sep-2023 21:53
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:53
Uranium	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:53
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 21:53
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 14:05
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:35
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: JAC		
Chloride	ND		0.500	mg/L	1	22-Sep-2023 15:52
Fluoride	ND		0.100	mg/L	1	22-Sep-2023 15:52
Nitrogen, Nitrate (As N)	ND		0.100	mg/L	1	22-Sep-2023 15:52
Nitrogen, Nitrite (As N)	ND		0.100	mg/L	1	22-Sep-2023 15:52
Sulfate	ND		0.500	mg/L	1	22-Sep-2023 15:52
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	27-Sep-2023 00:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
Sample ID: 03-Blank
Collection Date: 21-Sep-2023 12:06

ANALYTICAL REPORT

WorkOrder:HS23091347
Lab ID:HS23091347-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	184		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO3)	ND		5.00	mg/L	1	25-Sep-2023 17:01
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	25-Sep-2023 17:01
Alkalinity, Total (As CaCO3)	ND		5.00	mg/L	1	25-Sep-2023 17:01
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	5.33	H	0.100	pH Units	1	25-Sep-2023 17:01
Temp Deg C @pH	23.3	H	0	°C	1	25-Sep-2023 17:01
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023 Analyst: JAC		
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-08
 Collection Date: 21-Sep-2023 13:11

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0220		0.0200	mg/L	2	28-Sep-2023 18:34
Antimony	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Arsenic	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Barium	0.122		0.0200	mg/L	5	28-Sep-2023 11:50
Beryllium	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Boron	1.90		0.100	mg/L	5	28-Sep-2023 11:50
Cadmium	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Calcium	111		2.50	mg/L	5	28-Sep-2023 11:50
Chromium	ND		0.00800	mg/L	2	28-Sep-2023 18:34
Cobalt	ND		0.0100	mg/L	2	28-Sep-2023 18:34
Copper	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Iron	ND		0.400	mg/L	2	28-Sep-2023 18:34
Lead	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Lithium	ND		0.0100	mg/L	2	28-Sep-2023 18:34
Magnesium	80.2		1.00	mg/L	5	28-Sep-2023 11:50
Manganese	0.0761		0.0250	mg/L	5	28-Sep-2023 11:50
Molybdenum	ND		0.0100	mg/L	2	28-Sep-2023 18:34
Nickel	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Potassium	3.48		1.00	mg/L	5	28-Sep-2023 11:50
Selenium	0.0103		0.00400	mg/L	2	28-Sep-2023 18:34
Silver	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Sodium	112		1.00	mg/L	5	28-Sep-2023 11:50
Thallium	ND		0.00400	mg/L	2	28-Sep-2023 18:34
Uranium	0.0405		0.0100	mg/L	2	28-Sep-2023 18:34
Vanadium	ND		0.0100	mg/L	2	28-Sep-2023 18:34
Zinc	ND		0.00800	mg/L	2	28-Sep-2023 18:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-08
 Collection Date: 21-Sep-2023 13:11

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0107		0.0100	mg/L	1	28-Sep-2023 21:55
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Barium	0.121		0.00400	mg/L	1	28-Sep-2023 21:55
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Boron	0.196		0.0200	mg/L	1	28-Sep-2023 21:55
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Calcium	108		0.500	mg/L	1	28-Sep-2023 21:55
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:55
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:55
Copper	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:55
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Lithium	0.00526		0.00500	mg/L	1	28-Sep-2023 21:55
Magnesium	77.3		0.200	mg/L	1	28-Sep-2023 21:55
Manganese	0.0795		0.00500	mg/L	1	28-Sep-2023 21:55
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:55
Nickel	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Potassium	3.36		0.200	mg/L	1	28-Sep-2023 21:55
Selenium	0.00999		0.00200	mg/L	1	28-Sep-2023 21:55
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Sodium	110		0.200	mg/L	1	28-Sep-2023 21:55
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:55
Uranium	0.0394		0.00500	mg/L	1	28-Sep-2023 21:55
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:55
Zinc	0.0141		0.00400	mg/L	1	28-Sep-2023 21:55
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 14:07
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:44
ANIONS BY E300.0, REV 2.1, 1993		Method:E300				Analyst: JAC
Chloride	49.9		0.500	mg/L	1	22-Sep-2023 16:03
Fluoride	0.706		0.100	mg/L	1	22-Sep-2023 16:03
Nitrogen, Nitrate (As N)	1.76		0.100	mg/L	1	22-Sep-2023 16:03
Nitrogen, Nitrite (As N)	ND		0.100	mg/L	1	22-Sep-2023 16:03
Sulfate	622		5.00	mg/L	10	25-Sep-2023 16:26
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300				Analyst: TH
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	27-Sep-2023 00:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-08
 Collection Date: 21-Sep-2023 13:11

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	1,120		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	274		5.00	mg/L	1	25-Sep-2023 17:07
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	25-Sep-2023 17:07
Alkalinity, Total (As CaCO ₃)	274		5.00	mg/L	1	25-Sep-2023 17:07
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.54	H	0.100	pH Units	1	25-Sep-2023 17:07
Temp Deg C @pH	23.2	H	0	°C	1	25-Sep-2023 17:07
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023		Analyst: JAC
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: 02-MW-08
 Collection Date: 21-Sep-2023 13:16

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	ND		0.0200	mg/L	2	28-Sep-2023 18:36
Antimony	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Arsenic	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Barium	0.112		0.0200	mg/L	5	28-Sep-2023 11:52
Beryllium	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Boron	1.90		0.100	mg/L	5	28-Sep-2023 11:52
Cadmium	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Calcium	107		2.50	mg/L	5	28-Sep-2023 11:52
Chromium	ND		0.00800	mg/L	2	28-Sep-2023 18:36
Cobalt	ND		0.0100	mg/L	2	28-Sep-2023 18:36
Copper	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Iron	ND		0.400	mg/L	2	28-Sep-2023 18:36
Lead	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Lithium	ND		0.0100	mg/L	2	28-Sep-2023 18:36
Magnesium	76.4		1.00	mg/L	5	28-Sep-2023 11:52
Manganese	0.0762		0.0250	mg/L	5	28-Sep-2023 11:52
Molybdenum	ND		0.0100	mg/L	2	28-Sep-2023 18:36
Nickel	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Potassium	3.31		1.00	mg/L	5	28-Sep-2023 11:52
Selenium	0.00993		0.00400	mg/L	2	28-Sep-2023 18:36
Silver	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Sodium	106		1.00	mg/L	5	28-Sep-2023 11:52
Thallium	ND		0.00400	mg/L	2	28-Sep-2023 18:36
Uranium	0.0369		0.0250	mg/L	5	28-Sep-2023 11:52
Vanadium	ND		0.0100	mg/L	2	28-Sep-2023 18:36
Zinc	0.0104		0.00800	mg/L	2	28-Sep-2023 18:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: 02-MW-08
 Collection Date: 21-Sep-2023 13:16

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0303		0.0100	mg/L	1	28-Sep-2023 21:57
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Barium	0.119		0.00400	mg/L	1	28-Sep-2023 21:57
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Boron	0.194		0.0200	mg/L	1	28-Sep-2023 21:57
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Calcium	104		0.500	mg/L	1	28-Sep-2023 21:57
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:57
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:57
Copper	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:57
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Lithium	0.00534		0.00500	mg/L	1	28-Sep-2023 21:57
Magnesium	73.3		0.200	mg/L	1	28-Sep-2023 21:57
Manganese	0.0767		0.00500	mg/L	1	28-Sep-2023 21:57
Molybdenum	0.00502		0.00500	mg/L	1	28-Sep-2023 21:57
Nickel	0.00214		0.00200	mg/L	1	28-Sep-2023 21:57
Potassium	3.22		0.200	mg/L	1	28-Sep-2023 21:57
Selenium	0.00862		0.00200	mg/L	1	28-Sep-2023 21:57
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Sodium	105		0.200	mg/L	1	28-Sep-2023 21:57
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:57
Uranium	0.0390		0.00500	mg/L	1	28-Sep-2023 21:57
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:57
Zinc	0.00405		0.00400	mg/L	1	28-Sep-2023 21:57
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 14:09
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:45
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: JAC		
Chloride	46.9		2.50	mg/L	5	22-Sep-2023 15:17
Fluoride	0.822		0.500	mg/L	5	22-Sep-2023 15:17
Nitrogen, Nitrate (As N)	1.68		0.500	mg/L	5	22-Sep-2023 15:17
Nitrogen, Nitrite (As N)	ND		0.500	mg/L	5	22-Sep-2023 15:17
Sulfate	615		10.0	mg/L	20	25-Sep-2023 16:32
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	ND		2.00	mg/L	10	27-Sep-2023 00:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: 02-MW-08
 Collection Date: 21-Sep-2023 13:16

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	1,100		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	270		5.00	mg/L	1	25-Sep-2023 17:13
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	25-Sep-2023 17:13
Alkalinity, Total (As CaCO ₃)	270		5.00	mg/L	1	25-Sep-2023 17:13
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.53	H	0.100	pH Units	1	25-Sep-2023 17:13
Temp Deg C @pH	23.6	H	0	°C	1	25-Sep-2023 17:13
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023		Analyst: JAC
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-09
 Collection Date: 21-Sep-2023 14:25

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP-MS METALS BY SW6020A		Method:SW6020A		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0417		0.0200	mg/L	2	28-Sep-2023 18:38
Antimony	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Arsenic	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Barium	0.0323		0.0200	mg/L	5	28-Sep-2023 11:54
Beryllium	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Boron	1.98		0.100	mg/L	5	28-Sep-2023 11:54
Cadmium	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Calcium	153		2.50	mg/L	5	28-Sep-2023 11:54
Chromium	ND		0.00800	mg/L	2	28-Sep-2023 18:38
Cobalt	ND		0.0100	mg/L	2	28-Sep-2023 18:38
Copper	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Iron	ND		0.400	mg/L	2	28-Sep-2023 18:38
Lead	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Lithium	0.0257		0.0250	mg/L	5	28-Sep-2023 11:54
Magnesium	103		1.00	mg/L	5	28-Sep-2023 11:54
Manganese	0.0276		0.0250	mg/L	5	28-Sep-2023 11:54
Molybdenum	ND		0.0100	mg/L	2	28-Sep-2023 18:38
Nickel	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Potassium	5.23		1.00	mg/L	5	28-Sep-2023 11:54
Selenium	0.00880		0.00400	mg/L	2	28-Sep-2023 18:38
Silver	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Sodium	145		1.00	mg/L	5	28-Sep-2023 11:54
Thallium	ND		0.00400	mg/L	2	28-Sep-2023 18:38
Uranium	0.0369		0.0250	mg/L	5	28-Sep-2023 11:54
Vanadium	ND		0.0100	mg/L	2	28-Sep-2023 18:38
Zinc	ND		0.00800	mg/L	2	28-Sep-2023 18:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-09
 Collection Date: 21-Sep-2023 14:25

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 27-Sep-2023		Analyst: MSC
Aluminum	0.0376		0.0100	mg/L	1	28-Sep-2023 21:59
Antimony	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Arsenic	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Barium	0.0353		0.00400	mg/L	1	28-Sep-2023 21:59
Beryllium	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Boron	0.250		0.0200	mg/L	1	28-Sep-2023 21:59
Cadmium	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Calcium	159		0.500	mg/L	1	28-Sep-2023 21:59
Chromium	ND		0.00400	mg/L	1	28-Sep-2023 21:59
Cobalt	ND		0.00500	mg/L	1	28-Sep-2023 21:59
Copper	0.00218		0.00200	mg/L	1	28-Sep-2023 21:59
Iron	ND		0.200	mg/L	1	28-Sep-2023 21:59
Lead	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Lithium	0.0278		0.00500	mg/L	1	28-Sep-2023 21:59
Magnesium	104		0.200	mg/L	1	28-Sep-2023 21:59
Manganese	0.0296		0.00500	mg/L	1	28-Sep-2023 21:59
Molybdenum	ND		0.00500	mg/L	1	28-Sep-2023 21:59
Nickel	0.00214		0.00200	mg/L	1	28-Sep-2023 21:59
Potassium	5.37		0.200	mg/L	1	28-Sep-2023 21:59
Selenium	0.0110		0.00200	mg/L	1	28-Sep-2023 21:59
Silver	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Sodium	148		0.200	mg/L	1	28-Sep-2023 21:59
Thallium	ND		0.00200	mg/L	1	28-Sep-2023 21:59
Uranium	0.0407		0.00500	mg/L	1	28-Sep-2023 21:59
Vanadium	ND		0.00500	mg/L	1	28-Sep-2023 21:59
Zinc	ND		0.00400	mg/L	1	28-Sep-2023 21:59
MERCURY BY SW7470A		Method:SW7470A		Prep:SW7470A / 29-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	29-Sep-2023 14:10
DISSOLVED MERCURY BY SW7470A		Method:SW7470A (dissolved)		Prep:SW7470A / 27-Sep-2023		Analyst: JS
Mercury	ND		0.000200	mg/L	1	27-Sep-2023 20:47
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: JAC		
Chloride	18.9		0.500	mg/L	1	22-Sep-2023 16:15
Fluoride	0.230		0.100	mg/L	1	22-Sep-2023 16:15
Nitrogen, Nitrate (As N)	2.16		0.100	mg/L	1	22-Sep-2023 16:15
Nitrogen, Nitrite (As N)	ND		0.100	mg/L	1	22-Sep-2023 16:15
Sulfate	954		25.0	mg/L	50	25-Sep-2023 16:37
NITRATE/NITRITE BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Nitrate/Nitrite (as N)	7.10		2.00	mg/L	10	27-Sep-2023 01:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 Sample ID: MW-09
 Collection Date: 21-Sep-2023 14:25

ANALYTICAL REPORT

WorkOrder:HS23091347
 Lab ID:HS23091347-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TOTAL DISSOLVED SOLIDS BY SM2540C -2011		Method:M2540C		Analyst: DC		
Total Dissolved Solids (Residue, Filterable)	1,040		10.0	mg/L	1	26-Sep-2023 13:04
ALKALINITY BY -2011		Method:SM2320B		Analyst: DW		
Alkalinity, Bicarbonate (As CaCO ₃)	284		5.00	mg/L	1	25-Sep-2023 17:19
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	25-Sep-2023 17:19
Alkalinity, Total (As CaCO ₃)	284		5.00	mg/L	1	25-Sep-2023 17:19
PH BY SM4500H+ B-2011		Method:SM4500H+ B		Analyst: DW		
pH	7.40	H	0.100	pH Units	1	25-Sep-2023 17:19
Temp Deg C @pH	23.7	H	0	°C	1	25-Sep-2023 17:19
CYANIDE - SW9014		Method:SW9014		Prep:SW9010C / 26-Sep-2023		Analyst: JAC
Cyanide	ND		0.00500	mg/L	1	26-Sep-2023 15:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

Batch ID: 200960

Start Date: 26 Sep 2023 08:30

End Date: 26 Sep 2023 08:30

Method: CYANIDE PREP - SW9010C

Prep Code: CN_TW_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091347-01		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23091347-02		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23091347-03		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23091347-04		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23091347-05		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH
HS23091347-06		50 (mL)	50 (mL)	1	120ml Plastic, Neat NaOH

Batch ID: 200996

Start Date: 27 Sep 2023 07:30

End Date: 27 Sep 2023 07:30

Method: DISS METALS PREP - WATER - SW3010A

Prep Code: 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091347-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Batch ID: 201012

Start Date: 27 Sep 2023 09:00

End Date: 27 Sep 2023 09:00

Method: WATER - SW3010A

Prep Code: 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091347-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Batch ID: 201071

Start Date: 27 Sep 2023 10:00

End Date: 27 Sep 2023 10:00

Method: MERCURY PREP BY 7470A - DISSOLVED

Prep Code: HG_W_DISSPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091347-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Weight / Prep Log

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

Batch ID: 201201	Start Date: 29 Sep 2023 07:00	End Date: 29 Sep 2023 07:00
Method: MERCURY PREP BY 7470A- WATER	Prep Code: HG_WPR	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23091347-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23091347-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 200960 (0)		Test Name : CYANIDE - SW9014			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12		26 Sep 2023 08:30	26 Sep 2023 15:58	1
HS23091347-02	MW-07	21 Sep 2023 12:22		26 Sep 2023 08:30	26 Sep 2023 15:58	1
HS23091347-03	03-Blank	21 Sep 2023 12:06		26 Sep 2023 08:30	26 Sep 2023 15:58	1
HS23091347-04	MW-08	21 Sep 2023 13:11		26 Sep 2023 08:30	26 Sep 2023 15:58	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16		26 Sep 2023 08:30	26 Sep 2023 15:58	1
HS23091347-06	MW-09	21 Sep 2023 14:25		26 Sep 2023 08:30	26 Sep 2023 15:58	1
Batch ID: 200996 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12		27 Sep 2023 07:30	29 Sep 2023 13:48	20
HS23091347-01	MW-05	21 Sep 2023 10:12		27 Sep 2023 07:30	28 Sep 2023 21:50	1
HS23091347-02	MW-07	21 Sep 2023 12:22		27 Sep 2023 07:30	28 Sep 2023 21:51	1
HS23091347-03	03-Blank	21 Sep 2023 12:06		27 Sep 2023 07:30	28 Sep 2023 21:53	1
HS23091347-04	MW-08	21 Sep 2023 13:11		27 Sep 2023 07:30	28 Sep 2023 21:55	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16		27 Sep 2023 07:30	28 Sep 2023 21:57	1
HS23091347-06	MW-09	21 Sep 2023 14:25		27 Sep 2023 07:30	28 Sep 2023 21:59	1
Batch ID: 201012 (0)		Test Name : ICP-MS METALS BY SW6020A			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12		27 Sep 2023 09:00	28 Sep 2023 18:57	1
HS23091347-01	MW-05	21 Sep 2023 10:12		27 Sep 2023 09:00	28 Sep 2023 11:16	5
HS23091347-02	MW-07	21 Sep 2023 12:22		27 Sep 2023 09:00	28 Sep 2023 18:32	1
HS23091347-02	MW-07	21 Sep 2023 12:22		27 Sep 2023 09:00	28 Sep 2023 11:46	5
HS23091347-03	03-Blank	21 Sep 2023 12:06		27 Sep 2023 09:00	28 Sep 2023 21:46	1
HS23091347-03	03-Blank	21 Sep 2023 12:06		27 Sep 2023 09:00	28 Sep 2023 11:48	5
HS23091347-04	MW-08	21 Sep 2023 13:11		27 Sep 2023 09:00	28 Sep 2023 18:34	2
HS23091347-04	MW-08	21 Sep 2023 13:11		27 Sep 2023 09:00	28 Sep 2023 11:50	5
HS23091347-05	02-MW-08	21 Sep 2023 13:16		27 Sep 2023 09:00	28 Sep 2023 18:36	2
HS23091347-05	02-MW-08	21 Sep 2023 13:16		27 Sep 2023 09:00	28 Sep 2023 11:52	5
HS23091347-06	MW-09	21 Sep 2023 14:25		27 Sep 2023 09:00	28 Sep 2023 18:38	2
HS23091347-06	MW-09	21 Sep 2023 14:25		27 Sep 2023 09:00	28 Sep 2023 11:54	5
Batch ID: 201071 (0)		Test Name : DISSOLVED MERCURY BY SW7470A			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12		27 Sep 2023 10:00	27 Sep 2023 20:31	1
HS23091347-02	MW-07	21 Sep 2023 12:22		27 Sep 2023 10:00	27 Sep 2023 20:33	1
HS23091347-03	03-Blank	21 Sep 2023 12:06		27 Sep 2023 10:00	27 Sep 2023 20:35	1
HS23091347-04	MW-08	21 Sep 2023 13:11		27 Sep 2023 10:00	27 Sep 2023 20:44	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16		27 Sep 2023 10:00	27 Sep 2023 20:45	1
HS23091347-06	MW-09	21 Sep 2023 14:25		27 Sep 2023 10:00	27 Sep 2023 20:47	1

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 201201 (0)		Test Name : MERCURY BY SW7470A			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12		29 Sep 2023 07:00	29 Sep 2023 13:58	1
HS23091347-02	MW-07	21 Sep 2023 12:22		29 Sep 2023 07:00	29 Sep 2023 14:04	1
HS23091347-03	03-Blank	21 Sep 2023 12:06		29 Sep 2023 07:00	29 Sep 2023 14:05	1
HS23091347-04	MW-08	21 Sep 2023 13:11		29 Sep 2023 07:00	29 Sep 2023 14:07	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16		29 Sep 2023 07:00	29 Sep 2023 14:09	1
HS23091347-06	MW-09	21 Sep 2023 14:25		29 Sep 2023 07:00	29 Sep 2023 14:10	1
Batch ID: R447145 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			22 Sep 2023 14:42	5
HS23091347-02	MW-07	21 Sep 2023 12:22			22 Sep 2023 15:46	1
HS23091347-02	MW-07	21 Sep 2023 12:22			22 Sep 2023 15:00	5
HS23091347-03	03-Blank	21 Sep 2023 12:06			22 Sep 2023 15:52	1
HS23091347-04	MW-08	21 Sep 2023 13:11			22 Sep 2023 16:03	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16			22 Sep 2023 15:17	5
HS23091347-06	MW-09	21 Sep 2023 14:25			22 Sep 2023 16:15	1
Batch ID: R447278 (0)		Test Name : ALKALINITY BY -2011			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			25 Sep 2023 16:44	1
HS23091347-02	MW-07	21 Sep 2023 12:22			25 Sep 2023 16:57	1
HS23091347-03	03-Blank	21 Sep 2023 12:06			25 Sep 2023 17:01	1
HS23091347-04	MW-08	21 Sep 2023 13:11			25 Sep 2023 17:07	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16			25 Sep 2023 17:13	1
HS23091347-06	MW-09	21 Sep 2023 14:25			25 Sep 2023 17:19	1
Batch ID: R447279 (0)		Test Name : PH BY SM4500H+ B-2011			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			25 Sep 2023 16:44	1
HS23091347-02	MW-07	21 Sep 2023 12:22			25 Sep 2023 16:57	1
HS23091347-03	03-Blank	21 Sep 2023 12:06			25 Sep 2023 17:01	1
HS23091347-04	MW-08	21 Sep 2023 13:11			25 Sep 2023 17:07	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16			25 Sep 2023 17:13	1
HS23091347-06	MW-09	21 Sep 2023 14:25			25 Sep 2023 17:19	1
Batch ID: R447283 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			25 Sep 2023 16:20	50
HS23091347-04	MW-08	21 Sep 2023 13:11			25 Sep 2023 16:26	10
HS23091347-05	02-MW-08	21 Sep 2023 13:16			25 Sep 2023 16:32	20
HS23091347-06	MW-09	21 Sep 2023 14:25			25 Sep 2023 16:37	50

Client: Telesto Solutions Inc**Project:** LRM Dunn Pit**WorkOrder:** HS23091347**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R447404 (0)		Test Name : NITRATE/NITRITE BY E300.0, REV 2.1, 1993			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			26 Sep 2023 23:49	10
HS23091347-02	MW-07	21 Sep 2023 12:22			27 Sep 2023 00:06	10
HS23091347-03	03-Blank	21 Sep 2023 12:06			27 Sep 2023 00:12	10
HS23091347-04	MW-08	21 Sep 2023 13:11			27 Sep 2023 00:18	10
HS23091347-05	02-MW-08	21 Sep 2023 13:16			27 Sep 2023 00:58	10
HS23091347-06	MW-09	21 Sep 2023 14:25			27 Sep 2023 01:04	10
Batch ID: R447460 (0)		Test Name : TOTAL DISSOLVED SOLIDS BY SM2540C-2011			Matrix: Water	
HS23091347-01	MW-05	21 Sep 2023 10:12			26 Sep 2023 13:04	1
HS23091347-02	MW-07	21 Sep 2023 12:22			26 Sep 2023 13:04	1
HS23091347-03	03-Blank	21 Sep 2023 12:06			26 Sep 2023 13:04	1
HS23091347-04	MW-08	21 Sep 2023 13:11			26 Sep 2023 13:04	1
HS23091347-05	02-MW-08	21 Sep 2023 13:16			26 Sep 2023 13:04	1
HS23091347-06	MW-09	21 Sep 2023 14:25			26 Sep 2023 13:04	1

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF1-200996	Units: mg/L		Analysis Date: 28-Sep-2023 10:52					
Client ID:	Run ID: ICPMS06_447550		SeqNo: 7570131		PrepDate: 27-Sep-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-200996	Units: mg/L		Analysis Date: 28-Sep-2023 10:50					
Client ID:	Run ID: ICPMS06_447550		SeqNo: 7570130		PrepDate: 27-Sep-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
LCS		Sample ID: LCS-200996		Units: mg/L		Analysis Date: 28-Sep-2023 11:00			
Client ID:		Run ID: ICPMS06_447550		SeqNo: 7570151		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1055	0.0100	0.1	0	105	80 - 120			
Antimony	0.04948	0.00200	0.05	0	99.0	80 - 120			
Arsenic	0.05033	0.00200	0.05	0	101	80 - 120			
Barium	0.0491	0.00400	0.05	0	98.2	80 - 120			
Beryllium	0.04752	0.00200	0.05	0	95.0	80 - 120			
Boron	0.482	0.0200	0.5	0	96.4	80 - 120			
Cadmium	0.05017	0.00200	0.05	0	100	80 - 120			
Calcium	5.102	0.500	5	0	102	80 - 120			
Chromium	0.0485	0.00400	0.05	0	97.0	80 - 120			
Cobalt	0.04954	0.00500	0.05	0	99.1	80 - 120			
Copper	0.05037	0.00200	0.05	0	101	80 - 120			
Iron	4.958	0.200	5	0	99.2	80 - 120			
Lead	0.04934	0.00200	0.05	0	98.7	80 - 120			
Lithium	0.09852	0.00500	0.1	0	98.5	80 - 120			
Magnesium	5.187	0.200	5	0	104	80 - 120			
Manganese	0.0494	0.00500	0.05	0	98.8	80 - 120			
Molybdenum	0.04723	0.00500	0.05	0	94.5	80 - 120			
Nickel	0.04997	0.00200	0.05	0	99.9	80 - 120			
Potassium	5.213	0.200	5	0	104	80 - 120			
Selenium	0.04888	0.00200	0.05	0	97.8	80 - 120			
Silver	0.04915	0.00200	0.05	0	98.3	80 - 120			
Sodium	5.065	0.200	5	0	101	80 - 120			
Vanadium	0.04769	0.00500	0.05	0	95.4	80 - 120			
Zinc	0.0531	0.00400	0.05	0	106	80 - 120			

LCS		Sample ID: LCS-200996		Units: mg/L		Analysis Date: 29-Sep-2023 14:07			
Client ID:		Run ID: ICPMS06_447712		SeqNo: 7574591		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Thallium	0.04262	0.00200	0.05	0	85.2	80 - 120			
Uranium	0.09385	0.00500	0.1	0	93.9	80 - 120			

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MS		Sample ID: HS23090914-01MS		Units: mg/L		Analysis Date: 28-Sep-2023 16:29			
Client ID:		Run ID: ICPMS06_447550		SeqNo: 7571983		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.2057	0.0100	0.1	0.09943	106	75 - 125			
Antimony	0.05104	0.00200	0.05	0.000436	101	75 - 125			
Arsenic	0.05226	0.00200	0.05	0	105	75 - 125			
Barium	0.1175	0.00400	0.05	0.06582	103	75 - 125			
Beryllium	0.04696	0.00200	0.05	0	93.9	75 - 125			
Boron	0.7637	0.0200	0.5	0.2568	101	75 - 125			
Cadmium	0.04882	0.00200	0.05	0	97.6	75 - 125			
Calcium	63.54	0.500	5	56.18	147	75 - 125			SO
Chromium	0.05062	0.00400	0.05	0.00101	99.2	75 - 125			
Cobalt	0.05028	0.00500	0.05	0	101	75 - 125			
Copper	0.07565	0.00200	0.05	0.02269	106	75 - 125			
Iron	5.043	0.200	5	0	101	75 - 125			
Lead	0.04976	0.00200	0.05	0	99.5	75 - 125			
Lithium	0.103	0.00500	0.1	0.005481	97.5	75 - 125			
Magnesium	9.99	0.200	5	4.633	107	75 - 125			
Manganese	0.04967	0.00500	0.05	0.00077	97.8	75 - 125			
Molybdenum	0.05796	0.00500	0.05	0.01078	94.4	75 - 125			
Nickel	0.0542	0.00200	0.05	0.00391	101	75 - 125			
Potassium	17.54	0.200	5	11.77	115	75 - 125			
Selenium	0.05029	0.00200	0.05	0	101	75 - 125			
Silver	0.04764	0.00200	0.05	0	95.3	75 - 125			
Sodium	17.61	0.200	5	11.4	124	75 - 125			
Thallium	0.04018	0.00200	0.05	0	80.4	75 - 125			
Uranium	0.1014	0.00500	0.1	0	101	75 - 125			
Vanadium	0.05457	0.00500	0.05	0.003403	102	75 - 125			
Zinc	0.1089	0.00400	0.05	0.05695	104	75 - 125			

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MSD		Sample ID: HS23090914-01MSD		Units: mg/L		Analysis Date: 28-Sep-2023 16:31			
Client ID:		Run ID: ICPMS06_447550		SeqNo: 7571984		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.1989	0.0100	0.1	0.09943	99.4	75 - 125	0.2057	3.38	20
Antimony	0.04877	0.00200	0.05	0.000436	96.7	75 - 125	0.05104	4.55	20
Arsenic	0.04997	0.00200	0.05	0	99.9	75 - 125	0.05226	4.49	20
Barium	0.1135	0.00400	0.05	0.06582	95.3	75 - 125	0.1175	3.48	20
Beryllium	0.0448	0.00200	0.05	0	89.6	75 - 125	0.04696	4.72	20
Boron	0.7264	0.0200	0.5	0.2568	93.9	75 - 125	0.7637	5	20
Cadmium	0.04759	0.00200	0.05	0	95.2	75 - 125	0.04882	2.56	20
Calcium	63.04	0.500	5	56.18	137	75 - 125	63.54	0.802	20 SO
Chromium	0.04954	0.00400	0.05	0.00101	97.1	75 - 125	0.05062	2.16	20
Cobalt	0.04864	0.00500	0.05	0	97.3	75 - 125	0.05028	3.32	20
Copper	0.07177	0.00200	0.05	0.02269	98.2	75 - 125	0.07565	5.27	20
Iron	4.913	0.200	5	0	98.3	75 - 125	5.043	2.62	20
Lead	0.04728	0.00200	0.05	0	94.6	75 - 125	0.04976	5.11	20
Lithium	0.09778	0.00500	0.1	0.005481	92.3	75 - 125	0.103	5.22	20
Magnesium	9.535	0.200	5	4.633	98.0	75 - 125	9.99	4.66	20
Manganese	0.04827	0.00500	0.05	0.00077	95.0	75 - 125	0.04967	2.84	20
Molybdenum	0.05644	0.00500	0.05	0.01078	91.3	75 - 125	0.05796	2.66	20
Nickel	0.05281	0.00200	0.05	0.00391	97.8	75 - 125	0.0542	2.6	20
Potassium	16.79	0.200	5	11.77	100	75 - 125	17.54	4.36	20
Selenium	0.04606	0.00200	0.05	0	92.1	75 - 125	0.05029	8.78	20
Silver	0.04639	0.00200	0.05	0	92.8	75 - 125	0.04764	2.67	20
Sodium	16.76	0.200	5	11.4	107	75 - 125	17.61	4.96	20
Thallium	0.03887	0.00200	0.05	0	77.7	75 - 125	0.04018	3.3	20
Uranium	0.09554	0.00500	0.1	0	95.5	75 - 125	0.1014	6	20
Vanadium	0.05334	0.00500	0.05	0.003403	99.9	75 - 125	0.05457	2.29	20
Zinc	0.1073	0.00400	0.05	0.05695	101	75 - 125	0.1089	1.46	20

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
PDS		Sample ID: HS23090914-01PDS		Units: mg/L		Analysis Date: 28-Sep-2023 16:33			
Client ID:		Run ID: ICPMS06_447550		SeqNo: 7571985		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.2233	0.0100	0.1	0.09943	124	75 - 125			
Antimony	0.08723	0.00200	0.1	0.000436	86.8	75 - 125			
Arsenic	0.09487	0.00200	0.1	0	94.9	75 - 125			
Barium	0.1519	0.00400	0.1	0.06582	86.1	75 - 125			
Beryllium	0.08596	0.00200	0.1	0	86.0	75 - 125			
Boron	0.696	0.0200	0.5	0.2568	87.8	75 - 125			
Cadmium	0.09071	0.00200	0.1	0	90.7	75 - 125			
Calcium	61.85	0.500	10	56.18	56.7	75 - 125			SO
Chromium	0.09068	0.00400	0.1	0.00101	89.7	75 - 125			
Cobalt	0.09051	0.00500	0.1	0	90.5	75 - 125			
Copper	0.1134	0.00200	0.1	0.02269	90.7	75 - 125			
Iron	9.208	0.200	10	0	92.1	75 - 125			
Lead	0.09013	0.00200	0.1	0	90.1	75 - 125			
Lithium	0.08976	0.00500	0.1	0.005481	84.3	75 - 125			
Magnesium	13.41	0.200	10	4.633	87.8	75 - 125			
Manganese	0.08956	0.00500	0.1	0.00077	88.8	75 - 125			
Molybdenum	0.09766	0.00500	0.1	0.01078	86.9	75 - 125			
Nickel	0.09547	0.00200	0.1	0.00391	91.6	75 - 125			
Potassium	20.05	0.200	10	11.77	82.8	75 - 125			
Selenium	0.0886	0.00200	0.1	0	88.6	75 - 125			
Silver	0.08944	0.00200	0.1	0	89.4	75 - 125			
Sodium	20.05	0.200	10	11.4	86.6	75 - 125			
Thallium	0.09108	0.00200	0.1	0	91.1	75 - 125			
Uranium	0.09146	0.00500	0.1	0	91.5	75 - 125			
Vanadium	0.09414	0.00500	0.1	0.003403	90.7	75 - 125			
Zinc	0.1427	0.00400	0.1	0.05695	85.7	75 - 125			

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200996 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD	Sample ID: HS23090914-01	SD	Units: mg/L		Analysis Date: 28-Sep-2023 16:27					
Client ID:	Run ID: ICPMS06_447550		SeqNo: 7571982		PrepDate: 27-Sep-2023		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual	
Antimony	ND	0.0100					0.000436	0	10	
Arsenic	ND	0.0100					0.000328	0	10	
Barium	0.0641	0.0200					0.06582	2.61	10	
Beryllium	ND	0.0100					0.000012	0	10	
Cadmium	ND	0.0100					0.000061	0	10	
Calcium	56.6	2.50					56.18	0.747	10	
Chromium	ND	0.0200					0.00101	0	10	
Cobalt	ND	0.0250					0.000146	0	10	
Copper	0.02282	0.0100					0.02269	0.564	10	
Iron	ND	1.00					0.006842	0	10	
Lead	ND	0.0100					0.000041	0	10	
Lithium	0.005625	0.0250					0.005481	0	10	
Magnesium	4.863	1.00					4.633	4.96	10	
Manganese	ND	0.0250					0.00077	0	10	
Molybdenum	0.01042	0.0250					0.01078	0	10	
Nickel	0.003615	0.0100					0.00391	0	10	
Potassium	12.55	1.00					11.77	6.63	10	
Selenium	ND	0.0100					0.000204	0	10	
Silver	ND	0.0100					0.000013	0	10	
Thallium	ND	0.0100					0.000037	0	10	
Uranium	ND	0.0250					0.0002	0	10	
Vanadium	0.003795	0.0250					0.003403	0	10	
Zinc	0.05656	0.0200					0.05695	0.685	10	
The following samples were analyzed in this batch:			HS23091347-01	HS23091347-02	HS23091347-03	HS23091347-04				
			HS23091347-05	HS23091347-06						

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
MBLK	Sample ID: MBLK-201012	Units: mg/L		Analysis Date: 28-Sep-2023 10:48					
Client ID:	Run ID: ICPMS06_447550	SeqNo: 7570129		PrepDate: 27-Sep-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	ND	0.0100							
Antimony	ND	0.00200							
Arsenic	ND	0.00200							
Barium	ND	0.00400							
Beryllium	ND	0.00200							
Boron	ND	0.0200							
Cadmium	ND	0.00200							
Calcium	ND	0.500							
Chromium	ND	0.00400							
Cobalt	ND	0.00500							
Copper	ND	0.00200							
Iron	ND	0.200							
Lead	ND	0.00200							
Lithium	ND	0.00500							
Magnesium	ND	0.200							
Manganese	ND	0.00500							
Molybdenum	ND	0.00500							
Nickel	ND	0.00200							
Potassium	ND	0.200							
Selenium	ND	0.00200							
Silver	ND	0.00200							
Sodium	ND	0.200							
Thallium	ND	0.00200							
Uranium	ND	0.00500							
Vanadium	ND	0.00500							
Zinc	ND	0.00400							

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
LCS		Sample ID: LCS-201012		Units: mg/L		Analysis Date: 28-Sep-2023 11:02			
Client ID:		Run ID: ICPMS06_447550		SeqNo: 7570873		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.09387	0.0100	0.1	0	93.9	80 - 120			
Antimony	0.04852	0.00200	0.05	0	97.0	80 - 120			
Arsenic	0.04964	0.00200	0.05	0	99.3	80 - 120			
Barium	0.04863	0.00400	0.05	0	97.3	80 - 120			
Beryllium	0.04738	0.00200	0.05	0	94.8	80 - 120			
Boron	0.4792	0.0200	0.5	0	95.8	80 - 120			
Cadmium	0.04921	0.00200	0.05	0	98.4	80 - 120			
Calcium	4.964	0.500	5	0	99.3	80 - 120			
Chromium	0.04802	0.00400	0.05	0	96.0	80 - 120			
Cobalt	0.04864	0.00500	0.05	0	97.3	80 - 120			
Copper	0.04937	0.00200	0.05	0	98.7	80 - 120			
Iron	4.86	0.200	5	0	97.2	80 - 120			
Lead	0.04868	0.00200	0.05	0	97.4	80 - 120			
Lithium	0.09616	0.00500	0.1	0	96.2	80 - 120			
Magnesium	5.064	0.200	5	0	101	80 - 120			
Manganese	0.04809	0.00500	0.05	0	96.2	80 - 120			
Molybdenum	0.0459	0.00500	0.05	0	91.8	80 - 120			
Nickel	0.04884	0.00200	0.05	0	97.7	80 - 120			
Potassium	5.091	0.200	5	0	102	80 - 120			
Selenium	0.04884	0.00200	0.05	0	97.7	80 - 120			
Silver	0.04879	0.00200	0.05	0	97.6	80 - 120			
Sodium	4.987	0.200	5	0	99.7	80 - 120			
Uranium	0.09456	0.00500	0.1	0	94.6	80 - 120			
Vanadium	0.04663	0.00500	0.05	0	93.3	80 - 120			
Zinc	0.05035	0.00400	0.05	0	101	80 - 120			

LCS		Sample ID: LCS-201012		Units: mg/L		Analysis Date: 29-Sep-2023 12:23			
Client ID:		Run ID: ICPMS07_447674		SeqNo: 7574489		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Thallium	0.04579	0.00200	0.05	0	91.6	80 - 120			

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
MS		Sample ID: HS23091347-01MS		Units: mg/L		Analysis Date: 28-Sep-2023 19:01			
Client ID: MW-05		Run ID: ICPMS06_447550		SeqNo: 7572622		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.3533	0.0100	0.1	0.2281	125	80 - 120			S
Antimony	0.05296	0.00200	0.05	0.000082	106	80 - 120			
Arsenic	0.05694	0.00200	0.05	0.000506	113	80 - 120			
Barium	0.09683	0.00400	0.05	0.04051	113	80 - 120			
Beryllium	0.05052	0.00200	0.05	0.000001	101	80 - 120			
Boron	0.8562	0.0200	0.5	0.3436	103	80 - 120			
Cadmium	0.0517	0.00200	0.05	0.000054	103	80 - 120			
Calcium	321.2	0.500	5	314.8	128	80 - 120			SEO
Chromium	0.05186	0.00400	0.05	0.000861	102	80 - 120			
Cobalt	0.05299	0.00500	0.05	0.001045	104	80 - 120			
Copper	0.05477	0.00200	0.05	0.002963	104	80 - 120			
Iron	5.58	0.200	5	0.2943	106	80 - 120			
Lead	0.05223	0.00200	0.05	0.000122	104	80 - 120			
Lithium	0.1334	0.00500	0.1	0.02959	104	80 - 120			
Magnesium	282.9	0.200	5	276.2	134	80 - 120			SEO
Manganese	0.2093	0.00500	0.05	0.1552	108	80 - 120			
Molybdenum	0.0555	0.00500	0.05	0.002983	105	80 - 120			
Nickel	0.05322	0.00200	0.05	0.002367	102	80 - 120			
Potassium	11.09	0.200	5	5.793	106	80 - 120			
Selenium	0.0612	0.00200	0.05	0.006325	110	80 - 120			
Silver	0.05023	0.00200	0.05	0.00002	100	80 - 120			
Sodium	322.9	0.200	5	312.6	206	80 - 120			SEO
Thallium	0.0418	0.00200	0.05	0.000018	83.6	80 - 120			
Uranium	0.1732	0.00500	0.1	0.05763	116	80 - 120			
Vanadium	0.05315	0.00500	0.05	0.00075	105	80 - 120			
Zinc	0.05405	0.00400	0.05	0.001557	105	80 - 120			

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
MSD		Sample ID: HS23091347-01MSD		Units: mg/L		Analysis Date: 28-Sep-2023 19:03			
Client ID: MW-05		Run ID: ICPMS06_447550		SeqNo: 7572623		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.3451	0.0100	0.1	0.2281	117	80 - 120	0.3533	2.35	20
Antimony	0.05676	0.00200	0.05	0.000082	113	80 - 120	0.05296	6.94	20
Arsenic	0.06004	0.00200	0.05	0.000506	119	80 - 120	0.05694	5.3	20
Barium	0.099	0.00400	0.05	0.04051	117	80 - 120	0.09683	2.22	20
Beryllium	0.05239	0.00200	0.05	0.000001	105	80 - 120	0.05052	3.64	20
Boron	0.8511	0.0200	0.5	0.3436	102	80 - 120	0.8562	0.591	20
Cadmium	0.05655	0.00200	0.05	0.000054	113	80 - 120	0.0517	8.95	20
Calcium	305.6	0.500	5	314.8	-184	80 - 120	321.2	4.98	20 SEO
Chromium	0.05656	0.00400	0.05	0.000861	111	80 - 120	0.05186	8.67	20
Cobalt	0.05653	0.00500	0.05	0.001045	111	80 - 120	0.05299	6.47	20
Copper	0.05757	0.00200	0.05	0.002963	109	80 - 120	0.05477	4.97	20
Iron	5.919	0.200	5	0.2943	112	80 - 120	5.58	5.91	20
Lead	0.05484	0.00200	0.05	0.000122	109	80 - 120	0.05223	4.87	20
Lithium	0.1203	0.00500	0.1	0.02959	90.7	80 - 120	0.1334	10.3	20
Magnesium	270.5	0.200	5	276.2	-115	80 - 120	282.9	4.49	20 SEO
Manganese	0.2042	0.00500	0.05	0.1552	98.1	80 - 120	0.2093	2.44	20
Molybdenum	0.05929	0.00500	0.05	0.002983	113	80 - 120	0.0555	6.59	20
Nickel	0.0575	0.00200	0.05	0.002367	110	80 - 120	0.05322	7.73	20
Potassium	11.25	0.200	5	5.793	109	80 - 120	11.09	1.45	20
Selenium	0.06561	0.00200	0.05	0.006325	119	80 - 120	0.0612	6.96	20
Silver	0.05436	0.00200	0.05	0.00002	109	80 - 120	0.05023	7.89	20
Sodium	307.3	0.200	5	312.6	-105	80 - 120	322.9	4.94	20 SEO
Thallium	0.04492	0.00200	0.05	0.000018	89.8	80 - 120	0.0418	7.2	20
Uranium	0.1586	0.00500	0.1	0.05763	101	80 - 120	0.1732	8.77	20
Vanadium	0.05594	0.00500	0.05	0.00075	110	80 - 120	0.05315	5.11	20
Zinc	0.05702	0.00400	0.05	0.001557	111	80 - 120	0.05405	5.35	20

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
PDS		Sample ID: HS23091347-01PDS		Units: mg/L		Analysis Date: 28-Sep-2023 11:24			
Client ID: MW-05		Run ID: ICPMS06_447550		SeqNo: 7570655		PrepDate: 27-Sep-2023		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aluminum	0.6715	0.0500	0.5	0.2417	86.0	75 - 125			
Barium	0.5189	0.0200	0.5	0.03735	96.3	75 - 125			
Boron	4.574	0.100	2.5	2.162	96.5	75 - 125			
Calcium	343.8	2.50	50	284.1	119	75 - 125			O
Lithium	0.5003	0.0250	0.5	0.03143	93.8	70 - 125			
Magnesium	308.8	1.00	50	248.5	121	75 - 125			O
Potassium	53.5	1.00	50	5.856	95.3	75 - 125			
Sodium	336.5	1.00	50	274.6	124	75 - 125			O
Uranium	0.5411	0.0250	0.5	0.05934	96.4	75 - 125			

PDS		Sample ID: HS23091347-01PDS		Units: mg/L		Analysis Date: 28-Sep-2023 19:05			
Client ID: MW-05		Run ID: ICPMS06_447550		SeqNo: 7572624		PrepDate: 27-Sep-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Antimony	0.08937	0.00200	0.1	0.000082	89.3	75 - 125			
Arsenic	0.101	0.00200	0.1	0.000506	100	75 - 125			
Beryllium	0.09117	0.00200	0.1	0.000001	91.2	75 - 125			
Cadmium	0.09582	0.00200	0.1	0.000054	95.8	75 - 125			
Chromium	0.09573	0.00400	0.1	0.000861	94.9	75 - 125			
Cobalt	0.09499	0.00500	0.1	0.001045	93.9	75 - 125			
Copper	0.0961	0.00200	0.1	0.002963	93.1	75 - 125			
Iron	9.866	0.200	10	0.2943	95.7	75 - 125			
Lead	0.09455	0.00200	0.1	0.000122	94.4	75 - 125			
Manganese	0.2462	0.00500	0.1	0.1552	91.0	75 - 125			
Molybdenum	0.09872	0.00500	0.1	0.002983	95.7	75 - 125			
Nickel	0.09444	0.00200	0.1	0.002367	92.1	75 - 125			
Selenium	0.1079	0.00200	0.1	0.006325	102	75 - 125			
Silver	0.09178	0.00200	0.1	0.00002	91.8	75 - 125			
Thallium	0.1	0.00200	0.1	0.000018	100	75 - 125			
Vanadium	0.09542	0.00500	0.1	0.00075	94.7	75 - 125			
Zinc	0.09532	0.00400	0.1	0.001557	93.8	75 - 125			

Client: Telesto Solutions Inc
 Project: LRM Dunn Pit
 WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A					
SD		Sample ID: HS23091347-01SD		Units: mg/L		Analysis Date: 28-Sep-2023 11:19			
Client ID: MW-05		Run ID: ICPMS06_447550		SeqNo: 7570652		PrepDate: 27-Sep-2023		DF: 25	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual
Aluminum	0.2193	0.250					0.2417	0 10	J
Antimony	ND	0.0500					0.00019	0 10	
Arsenic	ND	0.0500					0.002211	0 10	
Barium	ND	0.100					0.03735	0 10	
Beryllium	ND	0.0500					0.000016	0 10	
Cadmium	ND	0.0500					0	0 10	
Calcium	334.4	12.5					284.1	17.7 10	R
Chromium	ND	0.100					0.001644	0 10	
Cobalt	ND	0.125					0.000696	0 10	
Copper	ND	0.0500					0.002603	0 10	
Iron	0.3311	5.00					0.268	0 10	J
Lead	ND	0.0500					-0.00007	0 10	
Lithium	0.03998	0.125					0.03143	0 10	J
Manganese	0.1622	0.125					0.1417	14.5 10	R
Molybdenum	ND	0.125					0.00357	0 10	
Nickel	ND	0.0500					0.000966	0 10	
Selenium	ND	0.0500					0.003407	0 10	
Silver	ND	0.0500					-0.000001	0 10	
Thallium	ND	0.0500					0.000065	0 10	
Uranium	0.0639	0.125					0.05934	0 10	J
Zinc	ND	0.100					-0.000135	0 10	

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201012 (0)		Instrument: ICPMS06		Method: ICP-MS METALS BY SW6020A						
SD	Sample ID: HS23091347-01	SD	Units: mg/L		Analysis Date: 28-Sep-2023 18:59					
Client ID: MW-05	Run ID: ICPMS06_447550		SeqNo: 7572621		PrepDate: 27-Sep-2023		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Aluminum	0.2268	0.0500					0.2281	0.583	10	
Antimony	ND	0.0100					0.000082	0	10	
Arsenic	ND	0.0100					0.000506	0	10	
Barium	0.04178	0.0200					0.04051	3.14	10	
Beryllium	ND	0.0100					0.000001	0	10	
Cadmium	ND	0.0100					0.000054	0	10	
Calcium	326.9	2.50					314.8	3.85	10	
Chromium	ND	0.0200					0.000861	0	10	
Cobalt	ND	0.0250					0.001045	0	10	
Copper	ND	0.0100					0.002963	0	10	
Iron	0.2921	1.00					0.2943	0	10	J
Lead	ND	0.0100					0.000122	0	10	
Lithium	0.03023	0.0250					0.02959	2.14	10	
Magnesium	278.4	1.00					276.2	0.778	10	
Manganese	0.157	0.0250					0.1552	1.14	10	
Molybdenum	ND	0.0250					0.002983	0	10	
Nickel	ND	0.0100					0.002367	0	10	
Potassium	6.127	1.00					5.793	5.75	10	
Selenium	0.01051	0.0100					0.006325	0	10	
Silver	ND	0.0100					0.00002	0	10	
Sodium	315.2	1.00					312.6	0.837	10	
Thallium	ND	0.0100					0.000018	0	10	
Uranium	0.06333	0.0250					0.05763	9.88	10	
Vanadium	ND	0.0250					0.00075	0	10	
Zinc	ND	0.0200					0.001557	0	10	
The following samples were analyzed in this batch:										
			HS23091347-01	HS23091347-02	HS23091347-03	HS23091347-04				
			HS23091347-05	HS23091347-06						

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201071 (0)		Instrument: HG04		Method: DISSOLVED MERCURY BY SW7470A (DISSOLVED)							
MBLK	Sample ID: MBLKF1-200505	Units: mg/L			Analysis Date: 27-Sep-2023 20:00						
Client ID:	Run ID: HG04_447495		SeqNo: 7569334		PrepDate: 27-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	ND	0.000200									
MBLK	Sample ID: MBLK-201071	Units: mg/L			Analysis Date: 27-Sep-2023 19:57						
Client ID:	Run ID: HG04_447495		SeqNo: 7569332		PrepDate: 27-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	ND	0.000200									
LCS	Sample ID: LCS-201071	Units: mg/L			Analysis Date: 27-Sep-2023 19:59						
Client ID:	Run ID: HG04_447495		SeqNo: 7569333		PrepDate: 27-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00462	0.000200	0.005	0	92.4	80 - 120					
MS	Sample ID: HS23091223-01MS	Units: mg/L			Analysis Date: 27-Sep-2023 20:19						
Client ID:	Run ID: HG04_447495		SeqNo: 7569344		PrepDate: 27-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00533	0.000200	0.005	0.000008	106	80 - 120					
MSD	Sample ID: HS23091223-01MSD	Units: mg/L			Analysis Date: 27-Sep-2023 20:21						
Client ID:	Run ID: HG04_447495		SeqNo: 7569345		PrepDate: 27-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00575	0.000200	0.005	0.000008	115	80 - 120	0.00533	7.58	20		
The following samples were analyzed in this batch:				HS23091347-01 HS23091347-05		HS23091347-02 HS23091347-06		HS23091347-03		HS23091347-04	

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 201201 (0)		Instrument: HG04		Method: MERCURY BY SW7470A							
MBLK	Sample ID: MBLKF1-200504	Units: mg/L			Analysis Date: 29-Sep-2023 13:20						
Client ID:	Run ID: HG04_447769		SeqNo: 7575285		PrepDate: 29-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	ND	0.000200									
MBLK	Sample ID: MBLK-201201	Units: mg/L			Analysis Date: 29-Sep-2023 13:14						
Client ID:	Run ID: HG04_447769		SeqNo: 7575283		PrepDate: 29-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	ND	0.000200									
LCS	Sample ID: LCS-201201	Units: mg/L			Analysis Date: 29-Sep-2023 13:18						
Client ID:	Run ID: HG04_447769		SeqNo: 7575284		PrepDate: 29-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00491	0.000200	0.005	0	98.2	80 - 120					
MS	Sample ID: HS23091347-01MS	Units: mg/L			Analysis Date: 29-Sep-2023 14:00						
Client ID: MW-05	Run ID: HG04_447769		SeqNo: 7575327		PrepDate: 29-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00562	0.000200	0.005	0.000001	112	75 - 125					
MSD	Sample ID: HS23091347-01MSD	Units: mg/L			Analysis Date: 29-Sep-2023 14:02						
Client ID: MW-05	Run ID: HG04_447769		SeqNo: 7575328		PrepDate: 29-Sep-2023		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual			
Mercury	0.00582	0.000200	0.005	0.000001	116	75 - 125	0.00562	3.5 20			
The following samples were analyzed in this batch:				HS23091347-01		HS23091347-02		HS23091347-03		HS23091347-04	
				HS23091347-05		HS23091347-06					

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: 200960 (0)		Instrument: UV-2450		Method: CYANIDE - SW9014					
MBLK	Sample ID: MBLK-200960	Units: mg/L		Analysis Date: 26-Sep-2023 15:58					
Client ID:	Run ID: UV-2450_447376	SeqNo: 7565801		PrepDate: 26-Sep-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	ND	0.00500							
LCS	Sample ID: LCS-200960	Units: mg/L		Analysis Date: 26-Sep-2023 15:58					
Client ID:	Run ID: UV-2450_447376	SeqNo: 7565800		PrepDate: 26-Sep-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.184	0.00500	0.2	0	92.0	80 - 120			
MS	Sample ID: HS23091251-01MS	Units: mg/L		Analysis Date: 26-Sep-2023 15:58					
Client ID:	Run ID: UV-2450_447376	SeqNo: 7565798		PrepDate: 26-Sep-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.212	0.00500	0.2	0.022	95.0	80 - 120			
MSD	Sample ID: HS23091251-01MSD	Units: mg/L		Analysis Date: 26-Sep-2023 15:58					
Client ID:	Run ID: UV-2450_447376	SeqNo: 7565799		PrepDate: 26-Sep-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Cyanide	0.213	0.00500	0.2	0.022	95.5	80 - 120	0.212	0.471	20
The following samples were analyzed in this batch:									
HS23091347-01		HS23091347-02		HS23091347-03		HS23091347-04			
HS23091347-05		HS23091347-06							

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447145 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 22-Sep-2023 13:44					
Client ID:	Run ID: ICS-Integrion_447145		SeqNo: 7561691		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	ND	0.500							
Fluoride	ND	0.100							
Nitrogen, Nitrate (As N)	ND	0.100							
Nitrogen, Nitrite (As N)	ND	0.100							
Sulfate	ND	0.500							

LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 22-Sep-2023 13:50					
Client ID:	Run ID: ICS-Integrion_447145		SeqNo: 7561692		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	20.8	0.500	20	0	104	90 - 110			
Fluoride	4.1	0.100	4	0	103	90 - 110			
Nitrogen, Nitrate (As N)	4.164	0.100	4	0	104	90 - 110			
Nitrogen, Nitrite (As N)	4.145	0.100	4	0	104	90 - 110			
Sulfate	20.47	0.500	20	0	102	90 - 110			

MS	Sample ID: HS23091347-01MS	Units: mg/L		Analysis Date: 22-Sep-2023 14:48					
Client ID: MW-05	Run ID: ICS-Integrion_447145		SeqNo: 7561694		PrepDate:		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	143.8	2.50	50	89.26	109	80 - 120			
Fluoride	9.743	0.500	10	1.045	87.0	80 - 120			
Nitrogen, Nitrate (As N)	11.19	0.500	10	1.432	97.5	80 - 120			
Nitrogen, Nitrite (As N)	8.8	0.500	10	0	88.0	80 - 120			
Sulfate	2372	2.50	50	2219	307	80 - 120			SEO

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447145 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MSD		Sample ID: HS23091347-01MSD		Units: mg/L		Analysis Date: 22-Sep-2023 14:54			
Client ID: MW-05		Run ID: ICS-Integrion_447145		SeqNo: 7561695		PrepDate:		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Chloride	144.5	2.50	50	89.26	111	80 - 120	143.8	0.492	20
Fluoride	9.91	0.500	10	1.045	88.6	80 - 120	9.743	1.69	20
Nitrogen, Nitrate (As N)	11.22	0.500	10	1.432	97.8	80 - 120	11.19	0.263	20
Nitrogen, Nitrite (As N)	8.81	0.500	10	0	88.1	80 - 120	8.8	0.114	20
Sulfate	2372	2.50	50	2219	307	80 - 120	2372	0.0115	20 SEO

The following samples were analyzed in this batch:

HS23091347-01	HS23091347-02	HS23091347-03	HS23091347-04
HS23091347-05	HS23091347-06		

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447278 (0)		Instrument: Skalar 03		Method: ALKALINITY BY -2011					
MBLK	Sample ID: MBLK-09252023	Units: mg/L		Analysis Date: 25-Sep-2023 16:22					
Client ID:	Run ID: Skalar 03_447278	SeqNo: 7564161		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qua
Alkalinity, Bicarbonate (As CaCO3)	ND	5.00							
Alkalinity, Carbonate (As CaCO3)	ND	5.00							
Alkalinity, Total (As CaCO3)	ND	5.00							

LCS	Sample ID: LCS-09252023	Units: mg/L		Analysis Date: 25-Sep-2023 16:31					
Client ID:	Run ID: Skalar 03_447278	SeqNo: 7564162		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	931.4	5.00	1000	0	93.1	85 - 115			
Alkalinity, Total (As CaCO3)	939.9	5.00	1000	0	94.0	85 - 115			

LCSD	Sample ID: LCSD-09252023	Units: mg/L		Analysis Date: 25-Sep-2023 16:38					
Client ID:	Run ID: Skalar 03_447278	SeqNo: 7564163		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Carbonate (As CaCO3)	930.2	5.00	1000	0	93.0	85 - 115	931.4	0.129	20
Alkalinity, Total (As CaCO3)	941.2	5.00	1000	0	94.1	85 - 115	939.9	0.138	20

DUP	Sample ID: HS23091347-01DUP	Units: mg/L		Analysis Date: 25-Sep-2023 16:51					
Client ID: MW-05	Run ID: Skalar 03_447278	SeqNo: 7564165		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Alkalinity, Bicarbonate (As CaCO3)	410	5.00					409.7	0.0732	20
Alkalinity, Carbonate (As CaCO3)	ND	5.00					0	0	20
Alkalinity, Total (As CaCO3)	410	5.00					409.7	0.0732	20

The following samples were analyzed in this batch:									
HS23091347-01		HS23091347-02		HS23091347-03		HS23091347-04			
HS23091347-05		HS23091347-06							

Client: Telesto Solutions Inc

Project: LRM Dunn Pit

WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447279 (0)		Instrument: Skalar 03		Method: PH BY SM4500H+ B-2011					
DUP	Sample ID: HS23091354-01DUP	Units: pH Units		Analysis Date: 25-Sep-2023 19:26					
Client ID:	Run ID: Skalar 03_447279	SeqNo: 7564206		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
pH	7.64	0.100					7.64	0	10
Temp Deg C @pH	23.1	0					23.2	0.432	10

DUP	Sample ID: HS23091347-01DUP	Units: pH Units		Analysis Date: 25-Sep-2023 16:51					
Client ID: MW-05	Run ID: Skalar 03_447279	SeqNo: 7564193		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
pH	7.37	0.100					7.37	0	10
Temp Deg C @pH	24.1	0					24.3	0.826	10

The following samples were analyzed in this batch:

HS23091347-01	HS23091347-02	HS23091347-03	HS23091347-04
HS23091347-05	HS23091347-06		

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447283 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 25-Sep-2023 16:03					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564275		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	ND	0.500							
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 25-Sep-2023 16:08					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564276		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	20.42	0.500	20	0	102	90 - 110			
MS	Sample ID: HS23090533-02MS	Units: mg/L		Analysis Date: 25-Sep-2023 19:03					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564300		PrepDate:		DF: 250		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	5040	125	2500	2689	94.1	80 - 120			
MS	Sample ID: HS23090533-01MS	Units: mg/L		Analysis Date: 25-Sep-2023 18:11					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564293		PrepDate:		DF: 250		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	3111	125	2500	624.6	99.5	80 - 120			
MSD	Sample ID: HS23090533-02MSD	Units: mg/L		Analysis Date: 25-Sep-2023 19:08					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564301		PrepDate:		DF: 250		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	5016	125	2500	2689	93.1	80 - 120	5040	0.483	20
MSD	Sample ID: HS23090533-01MSD	Units: mg/L		Analysis Date: 25-Sep-2023 18:16					
Client ID:	Run ID: ICS-Integrion_447283		SeqNo: 7564294		PrepDate:		DF: 250		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Sulfate	3117	125	2500	624.6	99.7	80 - 120	3111	0.183	20
The following samples were analyzed in this batch:									
		HS23091347-01		HS23091347-04		HS23091347-05		HS23091347-06	

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447404 (0)		Instrument: ICS-Integrion		Method: NITRATE/NITRITE BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L			Analysis Date: 26-Sep-2023 22:10				
Client ID:	Run ID: ICS-Integrion_447404		SeqNo: 7566396		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) ND 0.200									
LCS	Sample ID: LCS	Units: mg/L			Analysis Date: 26-Sep-2023 22:22				
Client ID:	Run ID: ICS-Integrion_447404		SeqNo: 7566397		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) 7.772 0.200 8 0 97.2 90 - 110									
MS	Sample ID: HS23091347-01MS	Units: mg/L			Analysis Date: 26-Sep-2023 23:54				
Client ID: MW-05	Run ID: ICS-Integrion_447404		SeqNo: 7566409		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) 34.62 2.00 40 1.23 83.5 80 - 120									
MS	Sample ID: HS23091223-01MS	Units: mg/L			Analysis Date: 26-Sep-2023 22:33				
Client ID:	Run ID: ICS-Integrion_447404		SeqNo: 7566399		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) 37.18 2.00 40 3.259 84.8 80 - 120									
MSD	Sample ID: HS23091347-01MSD	Units: mg/L			Analysis Date: 27-Sep-2023 00:00				
Client ID: MW-05	Run ID: ICS-Integrion_447404		SeqNo: 7566410		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) 35.83 2.00 40 1.23 86.5 80 - 120 34.62 3.43 20									
MSD	Sample ID: HS23091223-01MSD	Units: mg/L			Analysis Date: 26-Sep-2023 22:39				
Client ID:	Run ID: ICS-Integrion_447404		SeqNo: 7566400		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Nitrate/Nitrite (as N) 38.27 2.00 40 3.259 87.5 80 - 120 37.18 2.89 20									
The following samples were analyzed in this batch:									
		HS23091347-01	HS23091347-02	HS23091347-03	HS23091347-04				
		HS23091347-05	HS23091347-06						

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

QC BATCH REPORT

Batch ID: R447460 (0)		Instrument: Balance1		Method: TOTAL DISSOLVED SOLIDS BY SM2540C-2011						
MBLK	Sample ID: WMBLK-09262023	Units: mg/L		Analysis Date: 26-Sep-2023 13:04						
Client ID:	Run ID: Balance1_447460	SeqNo: 7567486		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		ND	10.0							
LCS	Sample ID: WLCS-09262023	Units: mg/L		Analysis Date: 26-Sep-2023 13:04						
Client ID:	Run ID: Balance1_447460	SeqNo: 7567485		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		1070	10.0	1000	0	107	85 - 115			
DUP	Sample ID: HS23091357-10DUP	Units: mg/L		Analysis Date: 26-Sep-2023 13:04						
Client ID:	Run ID: Balance1_447460	SeqNo: 7567481		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		1172	10.0				1176	0.341	20	
DUP	Sample ID: HS23091347-02DUP	Units: mg/L		Analysis Date: 26-Sep-2023 13:04						
Client ID: MW-07	Run ID: Balance1_447460	SeqNo: 7567466		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filterable)		884	10.0				844	4.63	20	
The following samples were analyzed in this batch:		HS23091347-01		HS23091347-02		HS23091347-03		HS23091347-04		
		HS23091347-05		HS23091347-06						

Client: Telesto Solutions Inc
Project: LRM Dunn Pit
WorkOrder: HS23091347

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Sample Receipt Checklist

Work Order ID: HS23091347

Date/Time Received: 22-Sep-2023 07:00

Client Name: Telesto

Received by: Corey Grandits

Completed By: /S/ Paresh M. Giga	22-Sep-2023 09:34	Reviewed by: /S/ Tyler Monroe	22-Sep-2023 15:57
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx First Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	3 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:none
Samplers name present on COC?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	1.7C/1.6C U/c IR31		
Cooler(s)/Kit(s):	Blue		
Date/Time sample(s) sent to storage:	9/22/23 09:50		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:			
Login Notes:	3 Day TAT per TM		

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



ALS Loveland Service Center
965 E 11th Street
Loveland, CO 80537
Phone: 970-305-1648

CHAIN OF CUSTODY

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HS23091347

Teleso Solutions Inc
LRM Dunn Pit 360100



Right Solution
Right Partner

Shipping to Samples to: _____

PROJECT NAME		SAMPLER		TURNAROUND: ☐ 10 Day ☐ 5 Day ☐ 3 Day ☒ Other: <u>ASAP</u>	
PROJECT No.		SITE ID		Parameter/Method Request for Analysis	
COMPANY NAME		EOD FORMAT		A Wetchem + NO ₂ + NO ₃	
SEND REPORT TO		PURCHASE ORDER		B Dissolved metals (Field Filtered)	
ADDRESS		BILL TO COMPANY		C Total Metals	
CITY / STATE / ZIP		INVOICE ATTN TO		D Combined NO ₂ /NO ₃	
PHONE		ADDRESS		E Cyanide	
FAX		CITY / STATE / ZIP		F	
E-MAIL		PHONE		G	
		FAX		H	
		E-MAIL		I	

SAMPLE #	FIELD ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	MS/MSD	A	B	C	D	E	F	G	H	I
1	MW-05	W	9/21/23	10:12am	1	—			X								
2	MW-05				1	2				X							
3	MW-05				1	2					X						
4	MW-05				1	3						X					
5	MW-05				1	4							X				
6	MW-07			12:12pm	1	—			X								
7	MW-07				1	2				X							
8	MW-07				1	2					X						
9	MW-07				1	3						X					
10	MW-07				1	4							X				

* MATRIX: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

DISPOSAL: By lab ☒ Return to Client ☐

Comments: Dissolved metals (MW) Field Filtered NO ₂ /NO ₃ 1.7	QC PACKAGE (check below)		RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME	COOLER TEMP
	LEVEL II (Standard QC)		RECEIVED BY					
	LEVEL III (Std QC + forms)		RELINQUISHED BY					
	LEVEL IV (Std QC + forms + raw data)		RECEIVED BY					
			RELINQUISHED BY					

Preservative: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-NaHSO₄ 7-Other 8-4°C 9-5035



ALS Loveland Service Center
965 E 11th Street
Loveland, CO 80537
Phone: 970-305-1648

CHAIN OF CUSTODY

Page 2 of 3

HS23091347

Telesto Solutions Inc
LRM Dunn Pit 360100



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Shipping to Samples to: _____

PROJECT NAME		SAMPLER		Tracy Cottrell		TURNAROUND: ☐ 10 Day ☐ 5 Day ☐ 3 Day ☒ Other: <u>ASAP</u>	
PROJECT No.		SITE ID				Parameter/Method Request for Analysis	
COMPANY NAME		EDD FORMAT				A Wetchem, NO2 + NO3	
SEND REPORT TO		PURCHASE ORDER				B Dissolved metals - field filtered	
ADDRESS		BILL TO COMPANY				C Total metals	
CITY / STATE / ZIP		INVOICE ATTN TO				D Combined NO2/NO3	
PHONE		ADDRESS				E Cyanide	
FAX		CITY / STATE / ZIP				F	
E-MAIL		PHONE				G	
		FAX				H	
		E-MAIL				I	

SAMPLE #	FIELD ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	MS/MSD	A	B	C	D	E	F	G	H	I
1	03-Blank	W	9/21/23	12:06pm	1	-			X								
2	03-Blank				1	2				X							
3	03-Blank				1	2					X						
4	03-Blank				1	3						X					
5	03-Blank				1	4							X				
6	MW-08			1:11pm	1	-			X								
7	MW-08				1	2				X							
8	MW-08				1	2					X						
9	MW-08				1	3						X					
10	MW-08				1	4							X				

* MATRIX: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

DISPOSAL: By lab ☒ Return to Client ☐

Comments: Dissolved Metals field filtered	QC PACKAGE (check below)		RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME	COOLER TEMP
	LEVEL II (Standard QC)		RECEIVED BY	<i>Karen Craven</i>	Karen Craven	9-21-23	1530	
	LEVEL III (Std QC + forms)		RELINQUISHED BY	<i>Karen Craven</i>	Karen Craven	9-21-23	1600	
	LEVEL IV (Std QC + forms + raw data)		RECEIVED BY	<i>[Signature]</i>		9-22-23	1530	
Preservative: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4°C 9-5035								



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965 E 11th Street
Loveland, CO 80537
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CHAIN OF CUSTODY

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HS23091347

Telesto Solutions Inc
LRM Dunn Pit 360100



Right Solution
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Shipping to Samples to: _____

PROJECT NAME		SAMPLER <u>Tracey Cottrell</u>		TURNAROUND: ☐ 10 Day ☐ 5 Day ☐ 3 Day ☒ Other: <u>ASAP</u>	
PROJECT No.		SITE ID		Parameter/Method Request for Analysis	
COMPANY NAME		EDD FORMAT		A <u>Wetchem + NO₂ + NO₃ (separated)</u>	
SEND REPORT TO		PURCHASE ORDER		B <u>Dissolved metals (field filtered)</u>	
ADDRESS		BILL TO COMPANY		C <u>Total metals</u>	
CITY / STATE / ZIP		INVOICE ATTN TO		D <u>Combined NO₂/NO₃</u>	
PHONE		ADDRESS		E <u>Cyanide</u>	
FAX		CITY / STATE / ZIP		F	
E-MAIL		PHONE		G	
		FAX		H	
		E-MAIL		I	

SAMPLE #	FIELD ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	MS/MSD	A	B	C	D	E	F	G	H	I
1	02-MW-08	W	9/21/13	1:16 pm	1	—			X								
2	02-MW-08				1	2				X							
3	02-MW-08				1	2					X						
4	02-MW-08				1	3						X					
5	02-MW-08				1	4							X				
6	MW-09			2:25	1	—			X								
7	MW-09				1	2				X							
8	MW-09				1	2					X						
9	MW-09				1	3						X					
10	MW-09				1	4							X				

* MATRIX: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

DISPOSAL: By lab ☒ Return to Client ☐

Comments: <u>Dissolved metals field filtered</u>	QC PACKAGE (check below)		RELINQUISHED BY	SIGNATURE	PRINTED NAME	DATE	TIME	COOLER TEMP
	LEVEL II (Standard QC)		RECEIVED BY	<u>[Signature]</u>	<u>Tracey Cottrell</u>	<u>9/21/13</u>	<u>15:30</u>	
	LEVEL III (Std QC + forms)		RELINQUISHED BY	<u>[Signature]</u>	<u>Karen Craven</u>	<u>9/21/13</u>	<u>15:30</u>	
	LEVEL IV (Std QC + forms + raw data)		RECEIVED BY	<u>[Signature]</u>	<u>Karen Craven</u>	<u>9/21/13</u>	<u>16:00</u>	
			RELINQUISHED BY	<u>[Signature]</u>	<u>PA</u>	<u>9/21/13</u>	<u>17:00</u>	
			RECEIVED BY	<u>[Signature]</u>				

ORIGIN ID:GXVA (970) 305-1848
AMY KEPHART
ALS LOVELAND SERVICE CENTER
865 E 11TH ST
LOVELAND, CO 80537
UNITED STATES US

SHIP DATE: 21SEP23
ACTWT: 39.70 LB
CAD: 0487862/CAFE370
DIMS: 16x13x13 IN
BILL THIRD PARTY

TO **SAMPLE RECEIVING**
ALS
10450 STANCLIFF RD
SUITE 210
HOUSTON TX 77099



TRK# 6182 5244 5166
0201

FRI - 22 SEP 8:00A
FIRST OVERNIGHT

X1 SGRA

77099
TX-US IAH

