

Sample ID Convention	Area	Represents	Sampling Date	Plotting group/Legend entry	Time (24hr)	Sampled by	Field	Field	Field	Field	Field	Lab pH	Lab Conductivity	Total Dissolved Solids	
							pH	EC	Flow	DO	ORP				ORP (Eh)
							pH units	uS/cm	L/s	mg/L	mV				mV
Units															
DL													2	10	
ULU-8	Ore pad E	Contact water?	7/31/2020	Ore pad contact water SE (ULU-8/8A)	14:45	AS	6.6	1050	?	#N/A	#N/A	#N/A	#N/A	927	585
ULU-8	Ore pad E	Contact water?	8/7/2020	Ore pad contact water S	10:00	AS	6.6	728	?	#N/A	#N/A	#N/A	7.12	728	515
ULU-8	Ore pad E	Contact water?	8/26/2020	Ore pad contact water S	17:05	AS	6.7	1567	0	#N/A	#N/A	#N/A	#N/A	1390	1020
ULU-8	Ore pad E	Contact water	6/6/2022	Ore pad contact water S	13:58	LW	7.2	375	0	#N/A	#N/A	#N/A	7.2	375	220
ULU-8	Ore pad E	Contact water?	6/12/2023	Ore pad contact water S	14:25	ML, OR, KK	6.3	723	0	#N/A	140	340	6.3	690	610
ULU-8	Ore pad E	Contact water	7/3/2023	Ore pad contact water S	11:28	ML, JK	6.7	883	0.035	#N/A	153	353	6.74	880	760
ULU-8A	Ore pad E	Contact water	7/1/2023	Ore pad contact water SE (ULU-8/8A)	15:38	ML, Avalak	7.3	1010	0.023	#N/A	97	297	7.27	1000	850
ULU-8A	Ore pad E	Contact water	7/7/2023	Ore pad contact water S	14:27	OR, TM	7.5	1315	0.0119	1.73	195	395	7.45	990	760
ULU-8A	Ore pad E	Contact water	7/16/2023	Ore pad contact water S	9:45	OR	7.4	1719	0.0182	2.57	181	381	7.37	910	710
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	Ore pad tundra S (Seep-01, -22, -23)		AS	#N/A	713	?	#N/A	#N/A	#N/A	7.33	713	598
Seep-01	Ore pad S	Surface flow?	7/31/2020	Ore pad tundra S	9:30	AS	6.5	523	<0.017	#N/A	#N/A	#N/A	#N/A	523	370
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	Ore pad tundra S	10:15	AS	6.1	780	0	#N/A	#N/A	#N/A	6.82	578	409
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	Ore pad tundra S	16:40	AS	6.4	689	0	#N/A	#N/A	#N/A	#N/A	740	523
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	Ore pad tundra S	10:25	OR, KK	6.6	259	0	#N/A	65	265	6.56	200	120
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	Ore pad tundra W (Seep-01, -22, -23)	9:10	ML, OR, KK	6.4	264	0	#N/A	51	251	6.4	240	170
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	Ore pad tundra S (Seep-01, -22, -23)	11:20	ML, OR, KK	7.0	268	0	#N/A	64	264	6.98	250	160
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	Ore pad tundra NW (Seep-05)	10:00	AS	5.9	365	?	#N/A	#N/A	#N/A	#N/A	365	258
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	Ore pad tundra NW	9:40	AS	5.4	420	?	#N/A	#N/A	#N/A	5.52	283	200
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	Ore pad tundra NW	16:20	AS	5.9	516	0	#N/A	#N/A	#N/A	#N/A	474	335
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	Ore pad tundra NW	10:05	KK/LW	6.8	122	0	#N/A	92	292	6.54	130	100
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	Ore pad tundra NW	15:18	LW	6.2	205	0	#N/A	191	391	5.74	210	130
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	Ore pad tundra NW	15:17	OR, ML, KK	6.4	139	0	#N/A	93	293	6.41	130	76
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	Ore pad tundra NW	8:15	or, kk	4.9	1098	0	8	333	533	4.85	1100	810
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	NOT PLOTTED on regular charts	9:30	or, kk	5.9	419	0	#N/A	162	362	5.93	420	260
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	NOT PLOTTED on regular charts	10:10	or, kk	4.3	621	0	5.6	407	607	4.26	620	360
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	NOT PLOTTED on regular charts	11:29	or, kk	6.4	182	0	3.8	195	395	6.41	190	88
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	Ore pad East Lk inflow (Seep-06)	15:00	AS	6.5	270	?	#N/A	#N/A	#N/A	#N/A	214	151
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	Ore pad East Lk inflow	10:00	AS	7.3	227	?	#N/A	#N/A	#N/A	#N/A	198	140
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	Ore pad East Lk inflow	16:00	KK/LW	6.7	89	0.37	#N/A	135	335	6.56	91	56
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	Ore pad East Lk inflow	20:18	LW	6.3	199	0.108	8.4	#N/A	#N/A	6.42	200	150
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	Ore pad East Lk inflow	13:24	OR, KK	6.2	163	0.03	#N/A	163	363	6.2	150	160
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	Ore pad G43 Lk inflow (Seep-12)	14:15	KK/LW	6.7	56	0.021	#N/A	127	327	6.55	61	92
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	Ore pad G43 Lk inflow	16:20	OR, KK	6.8	55	0.0141	#N/A	108	308	6.84	51	48
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	Ore pad G43 Lk inflow	14:14	OR, ML	6.2	68	0.0169	#N/A	126	326	6.16	66	88
Seep-03	Camp pad N	Contact water?	7/31/2020	Camp pad contact water E (Seep-03, -21)	8:45	AS	7.4	670	?	#N/A	#N/A	#N/A	#N/A	471	333
Seep-21	Camp pad N	Contact water?	6/14/2022	Camp pad contact water E	15:33	LW	7.6	572	0	#N/A	#N/A	#N/A	7.09	600	400

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							pH	EC	Flow	DO	ORP	ORP (Eh)			
							pH units	uS/cm	L/s	mg/L	mV	mV			
Units															
DL													2	10	
Seep-07	Camp pad N	Contact water	6/14/2021	Camp pad contact water N (Seep-07, -08)	10:25	KK/LW	7.7	135	0.1	#N/A	170	370	7.56	150	88
Seep-08	Camp pad N	Contact water	6/14/2021	Camp pad contact water N	14:30	KK/LW	7.7	135	0.067	#N/A	164	364	7.37	150	110
Seep-08	Camp pad N	Contact water	6/13/2022	Camp pad contact water N	13:52	LW	7.3	275	0.31	#N/A	#N/A	#N/A	7.22	290	180
Seep-08	Camp pad N	Contact water	6/9/2023	Camp pad contact water N	13:38	OR, KK	7.2	285	0.0006	#N/A	11.4	211	7.21	270	280
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	Camp pad tundra E (Seep-17, -18, -20)	19:30	KK/LW	7.0	210	0.08	#N/A	#N/A	#N/A	6.93	200	140
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	Camp pad tundra E	16:53	LW	6.9	395	0.054	#N/A	165	365	6.71	370	220
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	Camp pad tundra E	14:40	LW	6.9	515	0.082	3.7	#N/A	#N/A	7.46	510	320
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	Camp pad tundra E	10:45	LW	7.1	467	0.553	7.6	#N/A	#N/A	6.8	370	180
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	Camp pad tundra E	14:11	LW	7.1	324	0.215	#N/A	459	659	6.52	310	200
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	Camp pad tundra E	14:54	LW	6.9	506	0.406	7.7	#N/A	#N/A	7.01	500	340
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	Camp pad tundra E	16:10	ML, OR, KK	6.7	249	0.2613	#N/A	125	325	6.67	240	100
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	Camp pad tundra E	16:16	OR, ML	6.5	281	0.1125	#N/A	135	335	6.46	290	210
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	Camp pad tundra E	13:34	RE, ML	7.1	498	0.27	4.3	137	337	7.08	490	360
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	Camp pad tundra E	19:10	LW	7.2	380	0.197	#N/A	167	367	6.8	370	180
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	Camp pad tundra E	13:59	LW	7.2	482	0.086	7	#N/A	#N/A	6.66	470	310
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	Camp pad tundra E	13:51	LW	7.4	455	0.529	9.4	#N/A	#N/A	7.27	440	310
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	Camp pad tundra E	16:55	LW	7.3	337	0.262	#N/A	332	532	7.31	337	210
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	Camp pad tundra E	13:51	LW	7.3	464	0.236	9.7	#N/A	#N/A	6.94	450	300
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	Camp pad tundra E	17:40	OR, ML	7.1	222	0.0799	#N/A	120	320	7.11	220	230
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	Camp pad tundra E	16:55	OR, ML	6.9	274	0.1845	#N/A	129	329	6.87	280	180
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	Camp pad tundra E	14:25	RE, ML	7.5	460	0.17	6.4	119	319	7.47	460	320
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	Camp pad-landfill S (ULU-15)	9:40	LW	7.3	297	0.28	#N/A	#N/A	#N/A	7.41	280	
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	Camp pad tundra S	13:49	ML, OR, KK	7.2	866	0.007	#N/A	95	295	7.17	830	670
Seep-16	Portal	Contact water/snow melt	6/19/2021	Portal area contact water (Seep-16, -24)	16:55	KK/LW	7.6	43	0.262	#N/A	#N/A	#N/A	6.76	44	36
Seep-24	Portal	Contact water	6/10/2023	Portal area contact water	16:00	ML, OR	7.3	289	0.0125	#N/A	94	294	7.28	270	270
ULU-4a	Portal	Portal Pond	7/29/2020	Portal pond (ULU-4a)	20:15	AS	7.6	240	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	8/26/2020	Portal pond	17:45	AS	7.6	209	0	#N/A	#N/A	#N/A	#N/A	181	106
ULU-4a	Portal	Portal Pond	9/5/2020	Portal pond		AS	7.6	259	0	#N/A	#N/A	#N/A	7.29	229	151
ULU-4a	Portal	Portal Pond	7/29/2021	Portal pond	11:30	LW	7.9	220	0	#N/A	178	378	6.51	210	92
Seep-09	Waste rock pad	Contact water	6/15/2021	Waste rock pad contact water (Seep-09)	9:35	KK/LW	7.6	196	0.139	#N/A	152	352	7.19	200	360
Seep-10	Waste rock pad	Contact water	6/15/2021	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULL	14:20	KK/LW	7.8	263	0.116	#N/A	152	352	7.42	270	240
Seep-10	Waste rock pad	Contact water	6/6/2022	Waste rock pad/stockpile contact water	14:12	LW	8.0	290	1.04	#N/A	#N/A	#N/A	6.69	290	200
Seep-25	Waste rock pad	Contact water	6/11/2023	Waste rock pad/stockpile contact water	11:25	OR, KK	7.2	507	0.0052	#N/A	114	314	7.23	460	290
ULU-7	Waste rock pad	Contact water	7/31/2020	Waste rock pad/stockpile contact water	15:30	AS	7.1	370	?	#N/A	#N/A	#N/A	#N/A	307	186

																Field	Field	Field	Field	Field		
Sample ID Convention	Area	Represents	Sampling Date	Plotting group/Legend entry	Time (24hr)	Sampled by	pH	EC	Flow	DO	ORP	ORP (Eh)	Lab pH	Lab Conductivity	Total Dissolved Solids							
Units							pH units	uS/cm	L/s	mg/L	mV	mV	pH units	uS/cm	mg/L							
DL														2	10							
Seep-11	Waste rock pad	Contact water	6/15/2021	Waste rock pad/stockpile contact water	15:35	KK/LW	7.6	103	1.7	#N/A	152	352	7.14	110	180							
Seep-11	Waste rock pad	Contact water	6/6/2022	Waste rock pad/stockpile contact water	17:51	LW	8.1	104	0.89	#N/A	#N/A	#N/A	6.63	110	68							
Seep-11	Waste rock pad	Contact water	6/11/2023	Waste rock pad/stockpile contact water	10:15	OR, ML, KK	7.6	210	0.0222	#N/A	89	289	7.62	190	140							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	8/27/2020	Waste rock pad tundra (Seep-02, -26)	9:10	AS	7.7	557	0.033	#N/A	#N/A	#N/A	#N/A	557	375							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/29/2021	Waste rock pad tundra	20:49	LW	7.9	492	0.023	#N/A	151	351	6.92	460	270							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	9/1/2021	Waste rock pad tundra	18:00	LW	7.8	560	0.064	7	#N/A	#N/A	6.95	530	360							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/28/2022	Waste rock pad tundra	10:00	LW	8.5	586	1.535	#N/A	267	467	6.83	550	370							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/24/2022	Waste rock pad tundra	16:46	LW	7.6	646	0.427	1.71	#N/A	#N/A	7.31	630	400							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/11/2023	Waste rock pad tundra	15:05	OR, ML, KK	7.2	434	0.07	#N/A	105	305	7.2	400	260							
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/8/2023	Waste rock pad tundra	13:15	OR, JB	7.8	621	0.1401	2.21	188	388	7.75	590	400							
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	6/12/2023	Waste rock pad tundra (Seep-02, -26)	9:20	ML, OR, KK	7.0	413	0.0675	#N/A	129	329	7.04	370	300							
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	8/1/2020	Waste rock stockpile tundra (Seep-04)	9:15	AS	7.4	400	0.033	#N/A	#N/A	#N/A	#N/A	281	199							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	Waste rock stockpile lake inflow (Seep-13)	9:38	KK/LW	7.5	95	0.418	#N/A	140	340	6.95	98	100							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/29/2021	Waste rock stockpile lake inflow	9:25	LW	7.2	284	0.009	#N/A	150	350	6.48	280	140							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	9/1/2021	Waste rock stockpile lake inflow	19:37	LW	7.4	278	0.089	8.7	#N/A	#N/A	6.58	280	260							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	Waste rock stockpile lake inflow	8:45	LW	6.7	268	0.205	#N/A	226	426	6.09	260	180							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/24/2022	Waste rock stockpile lake inflow	15:18	LW	6.9	407	0.065	1.85	#N/A	#N/A	6.54	390	260							
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/12/2023	Waste rock stockpile lake inflow	10:35	ML, OR, KK	7.2	205	0.1731	#N/A	97	297	7.23	190	180							
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	8/27/2020	Waste rock pad lake inflow (Seep-14, -15)	9:30	AS	7.9	328	0.05	#N/A	#N/A	#N/A	#N/A	279	197							
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	Waste rock pad lake inflow	11:00	KK/LW	7.1	179	0.905	#N/A	140	340	7.12	180	160							
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	Waste rock pad lake inflow	9:55	LW	6.6	485	0.008	#N/A	242	442	6.45	460	320							
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	Waste rock pad lake inflow	17:37	OR, KK	6.9	338	0.384	#N/A	99	299	6.92	300	190							
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	Waste rock pad lake inflow	14:38	KK/LW	7.0	76	0.092	#N/A	126	326	6.87	79	88							
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	Waste rock pad lake inflow	10:50	LW	6.8	223	0.149	#N/A	181	381	6.21	210	140							
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	7/25/2022	Waste rock pad lake inflow	14:30	LW	6.8	326	0.048	1.73	#N/A	#N/A	6.61	310	200							
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	Waste rock pad lake inflow	16:48	ML, OR, KK	7.2	177	0.087	#N/A	103	303	7.23	170	120							
Seep-19	Camp 3	Contact water?	7/30/2021	Camp 3 road contact water (Seep-19)	10:15	LW	7.7	220	0.205	#N/A	148	348	7	200	120							
Ref-03		Camp impacted background	6/14/2022	Ref-03 (North of Camp)	13:00	LW+IL	6.9	47	0.372	#N/A	#N/A	#N/A	6.13	50	20							
Ref-03		Camp impacted background	6/13/2023		8:40	ML, OR, KK	6.7	75	0.109	#N/A	121	321	6.66	69	64							
Ref-03		Camp impacted background	7/3/2023		10:26	ML, JK	6.6	97	0.078	#N/A	122	322	6.61	96	76							
Ref-06		Background	7/3/2022	Ref-06 (North of Ulu Lake)	10:10	LW	6.7	23	0.1	#N/A	204	404	6.01	22	16							
Ref-06		Background	6/13/2023		10:30	ML, OR, KK	6.4	20	0.202	#N/A	116	316	6.42	18	56							
Ref-06		Background	7/3/2023		8:30	ML, JK	6.7	32	0.117	#N/A	120	320	6.65	31	16							
Notes																						
Renamed ID's																						
Italics <DL																						
Calculated from other value																						

Sample ID Convention	Area	Represents	Sampling Date	Total Suspended Solids	Turbidity	Acidity (pH 4.5)	Acidity (pH 8.3)	Alkalinity (Total as CaCO3)	Alkalinity (PP as CaCO3)	Total Kjeldahl Nitrogen	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho- phosphate	Total Phosphorus
Units				mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	NO3 mg/L	N mg/L	NO2 mg/L	N mg/L	N mg/L	mg/L	mg/L
DL				1	0.1	1	1	1	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	7/31/2020	7.3		#N/A	#N/A	39.4	#N/A	#N/A	#N/A	3.24	#N/A	0.029	3.27	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	8/7/2020	#N/A	0.57	#N/A	#N/A	34.9	#N/A	#N/A	#N/A	2.93	#N/A	0.029	2.96	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	8/26/2020	5.3	0.35	#N/A	#N/A	34.9	#N/A	#N/A	#N/A	10.6	#N/A	0.059	10.6	#N/A	#N/A
ULU-8	Ore pad E	Contact water	6/6/2022	2.6	0.86	1	5.4	20	1	#N/A	0.79	0.18	#N/A	0.01	0.18	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	6/12/2023	2.2	0.89	1	4.7	23	1	#N/A	1.4	0.32	0.033	0.01	0.32	#N/A	#N/A
ULU-8	Ore pad E	Contact water	7/3/2023	1	0.17	1	5.6	33	1	#N/A	2.9	0.65	0.033	0.01	0.65	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	7/1/2023	1	0.16	1	5	32	1	#N/A	4.1	0.92	0.042	0.013	0.94	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	7/7/2023	4.1	0.15	1	9.1	35	1	#N/A	4.8	1.1	0.033	0.01	1.1	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	7/16/2023	1	1	1	5.4	37	1	#N/A	6.4	1.4	0.033	0.01	1.4	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	3	#N/A	#N/A	4.9	20.9	#N/A	#N/A	#N/A	0.368	#N/A	0.002	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Surface flow?	7/31/2020	#N/A	#N/A	#N/A	#N/A	13.7	#N/A	#N/A	#N/A	0.528	#N/A	0.01	0.528	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	#N/A	0.69	#N/A	#N/A	13.2	#N/A	#N/A	#N/A	0.974	#N/A	0.01	0.974	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	#N/A	#N/A	#N/A	#N/A	29.7	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	1.2	1.4	1	7.9	14	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	1.4	2.3	1	21.5	40	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	1.5	1.3	1	5.5	33	1	#N/A	1.8	0.4	0.033	0.01	0.4	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	#N/A	#N/A	#N/A	#N/A	2	#N/A	#N/A	#N/A	0.476	#N/A	0.01	0.476	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	#N/A	11.7	#N/A	#N/A	2	#N/A	#N/A	#N/A	0.673	#N/A	0.01	0.673	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	#N/A	#N/A	#N/A	#N/A	6.1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	10	8.3	1	2.5	4.3	1	#N/A	1.2	0.27	0.033	0.01	0.27	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	0.99	0.76	1	3.4	3.6	1	#N/A	4.3	0.97	0.033	0.01	0.97	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	1	2.5	1	2.6	3.9	1	#N/A	2.2	0.5	0.033	0.01	0.5	#N/A	#N/A
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	3.6	4.5	1	65.9	1	1	#N/A	6.9	1.6	0.033	0.01	1.6	#N/A	#N/A
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	1	0.19	1	12.4	9.2	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	8.6	0.26	1	48.4	1	1	#N/A	7.2	1.6	0.033	0.01	1.6	#N/A	#N/A
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	7.3	3.6	1	5.3	35	1	#N/A	0.1	0.024	0.033	0.01	0.024	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	#N/A	#N/A	#N/A	#N/A	6.1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	7.3	#N/A	#N/A	#N/A	0.049	#N/A	0.01	0.049	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	1	0.5	1	2.1	4	1		0.044	0.01	0.033	0.01	0.01		
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	1	0.22	1	2.8	5.3	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	1	0.96	1	1.5	4.5	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	3.4	0.33	1	3	5.7	1		0.084	0.019	0.033	0.01	0.019		
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	1	1.4	1	1.2	5.4	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	1.3	0.12	1	1	5.4	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-03	Camp pad N	Contact water?	7/31/2020	#N/A	#N/A	#N/A	#N/A	68.7	#N/A	#N/A	#N/A	0.454	#N/A	0.01	0.454	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	6/14/2022	2.4	0.31	1	3.4	74	1	#N/A	10	2.3	0.047	0.014	2.3	#N/A	#N/A

Sample ID Convention	Area	Represents	Sampling Date	Total Suspended Solids	Turbidity	Acidity (pH 4.5)	Acidity (pH 8.3)	Alkalinity (Total as CaCO3)	Alkalinity (PP as CaCO3)	Total Kjeldahl Nitrogen	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho- phosphate	Total Phosphorus
Units				mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	NO3 mg/L	N mg/L	NO2 mg/L	N mg/L	N mg/L	mg/L	mg/L
DL				1	0.1	1	1	1	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-07	Camp pad N	Contact water	6/14/2021	6.5	3	1	2.6	33	1		1.2	0.27	0.033	0.01	0.27		
Seep-08	Camp pad N	Contact water	6/14/2021	1.3	2	1	2.4	30	1		0.6	0.13	0.033	0.01	0.13		
Seep-08	Camp pad N	Contact water	6/13/2022	1.2	2.1	1	1.7	39	1	#N/A	4.4	0.99	0.033	0.01	0.99	#N/A	#N/A
Seep-08	Camp pad N	Contact water	6/9/2023	1	0.67	1	4.5	57	1	#N/A	4.3	0.98	0.033	0.01	0.98	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	1	0.75	1	3	26	1		1.5	0.34	0.033	0.01	0.34		
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	1	0.31	1	5	55	1	#N/A	3.7	0.84	0.033	0.01	0.84	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	1	0.17	1	8.8	60	1	#N/A	4.8	1.1	0.033	0.01	1.1	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	10	0.37	1	2.1	55	1	#N/A	1.3	0.29	0.033	0.01	0.29	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	0.96	0.28	1	4.2	35	1	#N/A	2.2	0.49	0.033	0.01	0.49	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	1	0.37	1	6.2	53	1	#N/A	4.4	0.99	0.033	0.01	0.99	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	1	0.61	1	4.7	32	1	#N/A	2.2	0.5	0.033	0.01	0.5	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	1	0.1	1	4.4	38	1	#N/A	2.5	0.57	0.033	0.01	0.57	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	1	0.1	1	9.5	59	1	#N/A	19	4.2	0.33	0.099	4.3	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	10	0.37	1	2.1	55	1	#N/A	1.3	0.29	0.033	0.01	0.29	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	5.9	0.78	1	4.8	55	1	#N/A	1.7	0.39	0.033	0.01	0.39	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	1	0.31	1	2.5	52	1	#N/A	2.6	0.58	0.033	0.01	0.58	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	5.5	2.2	1	2.3	32	1	#N/A	1.3	0.29	0.033	0.01	0.29	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	5.2	1.1	1	2	46	1	#N/A	0.11	0.024	0.033	0.01	0.024	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	3.2	0.89	1	2.4	31	1	#N/A	0.83	0.19	0.033	0.01	0.19	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	0.99	0.26	1	2	37	1	#N/A	1.1	0.25	0.033	0.01	0.25	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	1.9	0.11	1	7.3	68	1	#N/A	0.14	0.032	0.033	0.01	0.032	#N/A	#N/A
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	4.7	2.9			51	1		1.2	0.27	0.033	0.01	0.27		
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	2	2	#N/A	#N/A	130	1	#N/A	2.4	0.53	0.076	0.023	0.56	#N/A	#N/A
Seep-16	Portal	Contact water/snow melt	6/19/2021	11	18	1	1	9.2	1		0.43	0.098	0.033	0.01	0.098		
Seep-24	Portal	Contact water	6/10/2023	1	0.8	1	2	7.7	1	#N/A	0.62	0.14	0.033	0.01	0.14	#N/A	#N/A
ULU-4a	Portal	Portal Pond	7/29/2020	3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	8/26/2020	3	#N/A	#N/A	#N/A	22.7	#N/A	#N/A	#N/A	0.415	#N/A	0.01	0.415	#N/A	#N/A
ULU-4a	Portal	Portal Pond	9/5/2020	3	#N/A	#N/A	#N/A	31.7	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	7/29/2021	1	2	1	1.7	23	1	#N/A	2.2	0.49	0.033	0.01	0.49	#N/A	#N/A
Seep-09	Waste rock pad	Contact water	6/15/2021	94	27	1	2.5	21	1		0.86	0.19	0.033	0.01	0.19		
Seep-10	Waste rock pad	Contact water	6/15/2021	2.3	8.1	1	2	33	1		1.6	0.36	0.033	0.01	0.36		
Seep-10	Waste rock pad	Contact water	6/6/2022	2.6	4.2	1	1.3	35	1	#N/A	1.2	0.27	0.033	0.01	0.27	#N/A	#N/A
Seep-25	Waste rock pad	Contact water	6/11/2023	38	7.6	1	3.9	74	1	#N/A	3.7	0.83	0.033	0.01	0.83	#N/A	#N/A
ULU-7	Waste rock pad	Contact water	7/31/2020	3.4	#N/A	#N/A	#N/A	59	#N/A	#N/A	#N/A	0.366	#N/A	0.01	0.366	#N/A	#N/A

Sample ID Convention	Area	Represents	Sampling Date	Total Suspended Solids	Turbidity	Acidity (pH 4.5)	Acidity (pH 8.3)	Alkalinity (Total as CaCO3)	Alkalinity (PP as CaCO3)	Total Kjeldahl Nitrogen	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho- phosphate	Total Phosphorus
Units				mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	NO3 mg/L	N mg/L	NO2 mg/L	N mg/L	N mg/L	mg/L	mg/L
DL				1	0.1	1	1	1	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	6/15/2021	5	3.7	1	1.7	25	1		0.13	0.03	0.033	0.01	0.03		
Seep-11	Waste rock pad	Contact water	6/6/2022	1.7	3.7	1	1	22	1	#N/A	0.14	0.031	0.033	0.01	0.031	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	6/11/2023	29	8.7	1	1.7	37	1	#N/A	0.46	0.1	0.033	0.01	0.1	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	8/27/2020	3	#N/A	#N/A	#N/A	45.3	#N/A	#N/A	#N/A	2.74	#N/A	0.01	2.74	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/29/2021	1.3	0.46	1	1.5	59	1	#N/A	6.6	1.5	0.033	0.01	1.5	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	9/1/2021	1	0.85	1	2.1	45	1	#N/A	9.1	2.1	0.033	0.01	2.1	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/28/2022	4.1	5.1	1	1.6	50	1	#N/A	8.1	1.8	0.033	0.01	1.8	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/24/2022	1	0.8	1	1.8	56	1	#N/A	7.4	1.7	0.033	0.01	1.7	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/11/2023	4.4	4.3	1	3.9	38	1	#N/A	2.7	0.62	0.033	0.01	0.62	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/8/2023	1	0.13	1	2.8	73	1	#N/A	8.2	1.9	0.033	0.01	1.9	#N/A	#N/A
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	6/12/2023	1	1.4	1	3	30	1	#N/A	3.1	0.71	0.033	0.01	0.71	#N/A	#N/A
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	8/1/2020	#N/A	#N/A	#N/A	#N/A	30.4	#N/A	#N/A	#N/A	0.668	#N/A	0.01	0.668	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	1	0.39	1	1.3	12	1		0.044	0.01	0.033	0.01	0.01		
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/29/2021	1	0.46	1	2.3	18	1	#N/A	3.3	0.75	0.033	0.01	0.75	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	9/1/2021	1	0.55	1	2.3	15	1	#N/A	3.7	0.83	0.033	0.01	0.83	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	1	0.23	1	3.9	12	1	#N/A	0.21	0.046	0.033	0.01	0.046	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/24/2022	1	1.2	1	2.4	14	1	#N/A	2.7	0.61	0.033	0.01	0.61	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/12/2023	1	0.54	1	2.4	4.3	1	#N/A	0.24	0.054	0.033	0.01	0.054	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	30.1	#N/A	#N/A	#N/A	1.63	#N/A	0.01	1.63	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	1	0.39	1	2	26	1		0.76	0.17	0.033	0.01	0.17		
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	1	0.3	1	4.4	34	1	#N/A	5	1.1	0.033	0.01	1.1	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	1	0.29	1	2.8	33	1	#N/A	2	0.45	0.033	0.01	0.45	#N/A	#N/A
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	1	1.4	1	1.4	8.8	1		0.25	0.057	0.033	0.01	0.057		
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	1.8	1.8	1	3	12	1	#N/A	0.52	0.12	0.033	0.01	0.12	#N/A	#N/A
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	7/25/2022	14	1.8	1	3.2	16	1	#N/A	0.61	0.14	0.033	0.01	0.14	#N/A	#N/A
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	1	0.16	1	1.7	11	1	#N/A	0.31	0.071	0.033	0.01	0.071	#N/A	#N/A
Seep-19	Camp 3	Contact water?	7/30/2021	2.1	0.33	1	2	60	1	#N/A	3.4	0.78	0.033	0.01	0.78	#N/A	#N/A
Ref-03		Camp impacted background	6/14/2022	1.2	0.88	1	3.3	6.5	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Ref-03		Camp impacted background	6/13/2023	1	0.11	1	5	7.8	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Ref-03		Camp impacted background	7/3/2023	0.95	0.4	1	1	9.8	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Ref-06		Background	7/3/2022	0.97	0.16	1	4.4	4.3	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Ref-06		Background	6/13/2023	1	0.1	1	1	3.4	1	#N/A	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A
Ref-06		Background	7/3/2023	1	0.65	1	1	5.3	1	#N/A	0.23	0.052	0.033	0.01	0.052	#N/A	#N/A

Notes
Renamed ID's
Italics <DL
Calculated from other value

Sample ID Convention	Area	Represents	Sampling Date	Total Ammonia	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Organic Carbon	Dissolved Organic Carbon	Total Hardness (CaCO3)	Total Aluminum (Al)	Total Antimony (Sb)
Units				N mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.015	0.01	0.05	1	1	1	1	1			0.5	0.0005	0.00002
ULU-8	Ore pad E	Contact water?	7/31/2020	2.43	0.1	0.13	91.7	289	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0455	0.00039
ULU-8	Ore pad E	Contact water?	8/7/2020	1.92	0.1	0.122	67.2	261	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	8/26/2020	1.58	0.1	0.11	219	379	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0216	0.00028
ULU-8	Ore pad E	Contact water	6/6/2022	0.015	0.019	0.14	9.4	120	24	1	1	#N/A	#N/A	#N/A	0.0968	0.000234
ULU-8	Ore pad E	Contact water?	6/12/2023	0.015	0.029	0.12	13	290	28	1	1	#N/A	#N/A	288	0.0255	0.000199
ULU-8	Ore pad E	Contact water	7/3/2023	0.037	0.072	0.15	7.7	390	40	1	1	#N/A	#N/A	426	0.0282	0.000368
ULU-8A	Ore pad E	Contact water	7/1/2023	0.3	0.12	0.15	2.8	490	39	1	1	#N/A	#N/A	642	0.126	0.00058
ULU-8A	Ore pad E	Contact water	7/7/2023	0.54	0.13	0.16	6	480	42	1	1	#N/A	#N/A	442	0.117	0.000495
ULU-8A	Ore pad E	Contact water	7/16/2023	0.76	0.068	0.17	13	410	45	1	1	#N/A	#N/A	413	0.0234	0.000437
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	0.0502	0.05	0.185	1.97	329	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0425	0.0001
Seep-01	Ore pad S	Surface flow?	7/31/2020	0.0159	0.1	0.151	0.9	239	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	0.0766	0.1	0.166	1.46	286	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	#N/A	0.1	0.148	6.65	317	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	0.015	0.013	0.13	1	79	17	1	1	#N/A	#N/A	85.5	0.0347	0.000024
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	0.015	0.01	0.087	1	82	48	1	1	#N/A	#N/A	118	0.0962	0.000033
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	0.056	0.016	0.13	4.2	82	40	1	1	#N/A	#N/A	110	0.0335	0.000137
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	0.254	0.1	0.176	1.4	178	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	0.49	0.1	0.131	3.72	142	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	#N/A	0.1	0.052	33.5	156	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	0.15	0.013	0.053	2.1	41	5.3	1	1	#N/A	#N/A	52.5	0.344	0.000029
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	0.26	0.027	0.1	5.1	73	4.4	1	1	#N/A	#N/A	#N/A	0.128	0.000027
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	0.059	0.011	0.076	1.2	47	4.8	1	1	#N/A	#N/A	48.3	0.19	0.00002
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	0.45	0.063	0.66	6.1	670	1	1	1	#N/A	#N/A	638	8.21	0.000058
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.015	0.031	0.16	6.9	180	11	1	1	#N/A	#N/A	168	0.044	0.000057
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	1.6	0.05	0.42	14	260	1	1	1	#N/A	#N/A	200	4.77	0.00002
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.015	0.021	0.083	2.8	51	43	1	1	#N/A	#N/A	78.5	0.0177	0.000035
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	#N/A	0.1	0.052	2.42	69	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	0.005	0.1	0.055	4.76	82	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	0.015	0.01	0.076	3.8	28	4.8	1	1			31.6	0.055	0.00002
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	0.015	0.011	0.07	6.7	70	6.4	1	1	#N/A	#N/A	63.1	0.0358	0.00002
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	0.015	0.01	0.064	3.4	55	5.5	1	1	#N/A	#N/A	50.1	0.108	0.00002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	0.015	0.01	0.082	3.9	13	7	1	1			23.1	0.0562	0.00002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	0.015	0.01	0.09	1	13	6.5	1	1	#N/A	#N/A	18.3	0.08	0.00002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	0.02	0.01	0.085	2.4	17	6.6	1	1	#N/A	#N/A	22.1	0.0562	0.00002
Seep-03	Camp pad N	Contact water?	7/31/2020	0.146	0.1	0.189	1.85	185	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	6/14/2022	0.044	0.088	0.17	8.6	210	90	1	1	#N/A	#N/A	#N/A	0.0197	0.000715

Sample ID Convention	Area	Represents	Sampling Date	Total Ammonia	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Organic Carbon	Dissolved Organic Carbon	Total Hardness (CaCO3)	Total Aluminum (Al)	Total Antimony (Sb)
Units				N mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.015	0.01	0.05	1	1	1	1	1			0.5	0.0005	0.00002
Seep-07	Camp pad N	Contact water	6/14/2021	0.037	0.02	0.1	1.8	33	40	1	1			63.3	0.222	0.000147
Seep-08	Camp pad N	Contact water	6/14/2021	0.041	0.01	0.099	1.4	37	36	1	1			62.2	0.101	0.000329
Seep-08	Camp pad N	Contact water	6/13/2022	0.015	0.017	0.15	2.7	93	47	1	1	#N/A	#N/A	#N/A	0.207	0.000278
Seep-08	Camp pad N	Contact water	6/9/2023	0.015	0.01	0.24	2.2	71	69	1	1	#N/A	#N/A	124	0.0232	0.000342
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	0.018	0.021	0.2	2.8	62	32	1	1			78.5	0.0882	0.000207
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	0.015	0.046	0.22	5.7	110	68	1	1	#N/A	#N/A	164	0.0204	0.000339
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	0.015	0.23	0.2	23	150	73	1	1	#N/A	#N/A	187	0.0132	0.000283
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	0.015	0.03	0.21	6.7	110	68	1	1	#N/A	#N/A	154	0.129	0.000227
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	0.015	0.045	0.2	4.4	110	43	1	1	#N/A	#N/A	#N/A	0.011	0.000276
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	0.015	0.052	0.22	5.7	170	64	1	1	#N/A	#N/A	#N/A	0.0267	0.000443
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	0.015	0.017	0.22	5	69	38	1	1	#N/A	#N/A	103	0.0163	0.000275
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	0.015	0.023	0.23	7.8	78	47	1	1	#N/A	#N/A	139	0.0105	0.000319
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	0.015	0.041	0.22	9.3	160	72	1	1	#N/A	#N/A	214	0.00976	0.000728
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	0.015	0.03	0.21	6.7	110	68	1	1	#N/A	#N/A	154	0.129	0.000227
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	0.015	0.2	0.2	23	140	67	1	1	#N/A	#N/A	189	0.0387	0.000178
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	0.015	0.12	0.23	16	140	63	1	1	#N/A	#N/A	179	0.0163	0.00024
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	0.015	0.028	0.2	5.2	110	39	1	1	#N/A	#N/A	#N/A	0.0139	0.000267
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	0.015	0.034	0.19	6.2	160	56	1	1	#N/A	#N/A	#N/A	0.0164	0.000202
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	0.015	0.011	0.17	6.5	68	38	1	1	#N/A	#N/A	98.3	0.0121	0.000235
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	0.015	0.01	0.21	9.2	79	45	1	1	#N/A	#N/A	108	0.0224	0.000235
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	0.015	0.032	0.22	9.9	140	83	1	1	#N/A	#N/A	194	0.0116	0.000209
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	0.016			8.9	74	63	1	1			110	0.0681	0.000278
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	0.24	0	0.16	28	280	160	1	1	#N/A	#N/A	365	0.0216	0.000571
Seep-16	Portal	Contact water/snow melt	6/19/2021	0.015	0.01	0.05	1.2	7.9	11	1	1			19.8	1.23	0.000201
Seep-24	Portal	Contact water	6/10/2023	0.015	0.37	0.18	53	32	9.3	1	1	#N/A	#N/A	92.4	0.0537	0.000106
ULU-4a	Portal	Portal Pond	7/29/2020	#N/A	#N/A	#N/A	13.3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0959	0.00028
ULU-4a	Portal	Portal Pond	8/26/2020	0.114	0.1	0.082	16.3	41.4	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0419	0.00031
ULU-4a	Portal	Portal Pond	9/5/2020	#N/A	0.1	0.063	18.6	55.2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0452	0.0004
ULU-4a	Portal	Portal Pond	7/29/2021	0.015	0.07	0.11	20	43	28	1	1	#N/A	#N/A	64.6	0.144	0.00029
Seep-09	Waste rock pad	Contact water	6/15/2021	0.015	0.014	0.11	3.3	62	26	1	1			80.6	1.4	0.000366
Seep-10	Waste rock pad	Contact water	6/15/2021	0.031	0.016	0.11	2.9	78	41	1	1			119	0.154	0.000212
Seep-10	Waste rock pad	Contact water	6/6/2022	0.015	0.018	0.14	1.3	100	42	1	1	#N/A	#N/A	#N/A	0.117	0.00031
Seep-25	Waste rock pad	Contact water	6/11/2023	0.015	0.052	0.14	10	140	90	1	1	#N/A	#N/A	218	4.07	0.000463
ULU-7	Waste rock pad	Contact water	7/31/2020	0.005	0.1	0.092	4.57	86	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0335	0.00052

Sample ID Convention	Area	Represents	Sampling Date	Total Ammonia	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Organic Carbon	Dissolved Organic Carbon	Total Hardness (CaCO3)	Total Aluminum (Al)	Total Antimony (Sb)
Units				N mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.015	0.01	0.05	1	1	1	1	1			0.5	0.0005	0.00002
Seep-11	Waste rock pad	Contact water	6/15/2021	0.018	0.01	0.073	2.8	23	31	1	1			48.5	0.24	0.000114
Seep-11	Waste rock pad	Contact water	6/6/2022	0.015	0.01	0.065	1	26	27	1	1	#N/A	#N/A	#N/A	0.108	0.000336
Seep-11	Waste rock pad	Contact water	6/11/2023	0.015	0.01	0.091	2.7	53	46	1	1	#N/A	#N/A	86.2	0.149	0.000222
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	8/27/2020	0.116	0.1	0.19	55.1	154	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0459	0.00017
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/29/2021	0.015	0.054	0.22	14	140	72	1	1	#N/A	#N/A	187	0.0289	0.000181
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	9/1/2021	0.015	0.072	0.26	29	170	55	1	1	#N/A	#N/A	192	0.025	0.000119
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/28/2022	0.022	0.073	0.15	43	160	61	1	1	#N/A	#N/A	#N/A	0.0631	0.000178
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/24/2022	0.015	0.12	0.2	41	180	68	1	1	#N/A	#N/A	#N/A	0.0279	0.000174
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/11/2023	0.015	0.054	0.13	18	120	47	1	1	#N/A	#N/A	160	0.149	0.000224
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/8/2023	0.015	0.063	0.17	26	180	89	1	1	#N/A	#N/A	249	0.0351	0.000214
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	6/12/2023	0.015	0.04	0.12	20	110	37	1	1	#N/A	#N/A	158	0.0276	0.000229
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	8/1/2020	0.184	0.1	0.097	8.18	116	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.015	0.01	0.072	2.1	27	15	1	1			41	0.0395	0.000099
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/29/2021	0.015	0.027	0.097	6.2	96	22	1	1	#N/A	#N/A	101	0.0429	0.000061
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	9/1/2021	0.015	0.026	0.097	6	98	18	1	1	#N/A	#N/A	88.9	0.0347	0.00004
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.015	0.027	0.063	4.2	99	15	1	1	#N/A	#N/A	#N/A	0.0288	0.000053
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/24/2022	0.015	0.053	0.084	5.8	150	17	1	1	#N/A	#N/A	#N/A	0.0191	0.00005
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/12/2023	0.015	0.016	0.08	3.2	64	5.3	1	1	#N/A	#N/A	80.3	0.024	0.00008
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	8/27/2020	0.0535	0.1	0.166	26.2	70	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.015	0.017	0.15	3.7	53	31	1	1			76.7	0.0462	0.000167
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.015	0.068	0.17	38	130	42	1	1	#N/A	#N/A	#N/A	0.0166	0.000117
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.015	0.051	0.18	15	86	40	1	1	#N/A	#N/A	118	0.0146	0.000139
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.015	0.01	0.28	1.9	20	11	1	1			31.6	0.106	0.00005
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.015	0.057	0.24	7.3	72	15	1	1	#N/A	#N/A	#N/A	0.067	0.000046
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	7/25/2022	0.015	0.09	0.25	13	100	19	1	1	#N/A	#N/A	#N/A	0.133	0.000051
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.018	0.02	0.25	2.9	56	14	1	1	#N/A	#N/A	66.5	0.0665	0.000061
Seep-19	Camp 3	Contact water?	7/30/2021	0.015	0.01	0.11	1.4	38	73	1	1	#N/A	#N/A	94.4	0.0187	0.000057
Ref-03		Camp impacted background	6/14/2022	0.015	0.029	0.21	6.3	1	8	1	1	#N/A	#N/A	#N/A	0.0945	0.000024
Ref-03		Camp impacted background	6/13/2023	0.015	0.017	0.19	9.2	4	9.5	1	1	#N/A	#N/A	25.7	0.0604	0.00002
Ref-03		Camp impacted background	7/3/2023	0.015	0.029	0.24	19	4.9	12	1	1	#N/A	#N/A	35.8	0.0584	0.00002
Ref-06		Background	7/3/2022	0.015	0.01	0.13	1	3.5	5.2	1	1	#N/A	#N/A	#N/A	0.0582	0.00002
Ref-06		Background	6/13/2023	0.015	0.01	0.13	1	3.5	4.1	1	1	#N/A	#N/A	6.71	0.0503	0.00002
Ref-06		Background	7/3/2023	0.015	0.01	0.15	1	5.5	6.5	1	1	#N/A	#N/A	11.9	0.0772	0.00002
Notes																
Renamed ID's																
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Calculated from other value																

Sample ID Convention	Area	Represents	Sampling Date	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00002	0.00002	0.00001	0.000005	0.01	0.000005	0.05	0.0001	0.000005	0.00005	0.001	0.000005	0.0005	0.05
ULU-8	Ore pad E	Contact water?	7/31/2020	0.00184	0.0269	0.0001	0.00005	0.0481	0.000174	80.8	0.00015	0.00069	0.00315	0.061	0.00005	0.0114	11.3
ULU-8	Ore pad E	Contact water?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	8/26/2020	0.00175	0.041	0.0001	0.00005	0.0509	0.000525	135	0.0001	0.00144	0.00247	0.02	0.00005	0.0122	23
ULU-8	Ore pad E	Contact water	6/6/2022	0.00174	0.00761	0.00001	0.000005	0.02	0.0000732	42.7	0.0001	0.00215	0.00303	0.137	0.0000251	0.005	5.55
ULU-8	Ore pad E	Contact water?	6/12/2023	0.000803	0.0147	0.00001	0.000005	0.054	0.0000477	96.4	0.0001	0.000266	0.00206	0.0406	0.0000308	0.0087	11.6
ULU-8	Ore pad E	Contact water	7/3/2023	0.00112	0.0164	0.00001	0.000005	0.06	0.00014	144	0.00014	0.00971	0.00254	0.0179	0.0000172	0.0161	15.9
ULU-8A	Ore pad E	Contact water	7/1/2023	0.00238	0.0189	0.00001	0.000005	0.072	0.00052	228	0.00011	0.0611	0.00308	0.173	0.000142	0.0212	17.7
ULU-8A	Ore pad E	Contact water	7/7/2023	0.00233	0.0186	0.00001	0.00001	0.068	0.000233	148	0.00017	0.0387	0.00243	0.24	0.000198	0.0173	17.5
ULU-8A	Ore pad E	Contact water	7/16/2023	0.00245	0.0183	0.00001	0.000005	0.071	0.000177	140	0.0001	0.0242	0.002	0.0451	0.0000723	0.0158	15.2
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	0.00057	0.0275	0.0001	0.00005	0.104	0.0000391	105	0.00014	0.0165	0.00127	1.06	0.00005	0.0145	19.6
Seep-01	Ore pad S	Surface flow?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	0.000274	0.00995	0.00001	0.000005	0.057	0.0000214	26.6	0.0001	0.00277	0.00196	0.354	0.0000132	0.0031	4.65
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	0.00083	0.024	0.000012	0.000005	0.01	0.0000171	37.3	0.00034	0.0066	0.00198	1.08	0.000083	0.00429	6.1
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	0.000173	0.00805	0.00001	0.000005	0.019	0.0000141	34.8	0.00012	0.00102	0.00284	0.203	0.0000363	0.00179	5.67
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	0.000317	0.008	0.000024	0.000005	0.016	0.0000467	17.1	0.00018	0.0185	0.00506	0.405	0.000123	0.00235	2.37
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	0.000062	0.00785	0.000037	0.000005	0.036	0.000115	24.4	0.0001	0.0384	0.00485	0.0463	0.0000153	0.00565	3.64
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	0.000151	0.00643	0.000025	0.000005	0.015	0.000052	15.6	0.0001	0.0223	0.00597	0.178	0.0000314	0.00433	2.23
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	0.00002	0.0387	0.000976	0.000005	0.088	0.000584	209	0.0001	0.284	0.081	0.393	0.00019	0.0401	28
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.000208	0.0274	0.000019	0.000005	0.058	0.0000698	51.4	0.0001	0.0139	0.0029	0.357	0.0000238	0.00494	9.73
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.000101	0.023	0.000738	0.00001	0.055	0.000623	59.3	0.0001	0.223	0.0456	0.113	0.000345	0.0219	12.7
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.000428	0.0156	0.00001	0.000005	0.012	0.0000102	21.4	0.00033	0.0004	0.00203	0.186	0.0000389	0.00105	6.08
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	0.000123	0.00687	0.00001	0.000005	0.011	0.000005	9.11	0.00016	0.0000772	0.00162	0.0287	0.0000124	0.0005	2.14
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	0.000115	0.0163	0.000011	0.000005	0.014	0.0000222	18.3	0.0001	0.000121	0.00171	0.0176	0.000005	0.0005	4.21
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	0.000136	0.0145	0.00001	0.000005	0.01	0.0000061	14.5	0.00023	0.000188	0.00153	0.179	0.0000629	0.00067	3.38
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	0.000153	0.00859	0.00001	0.000005	0.013	0.000005	7.26	0.00011	0.0000478	0.0021	0.0245	0.0000159	0.00129	1.2
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	0.000168	0.0098	0.000016	0.000005	0.01	0.000005	5.66	0.0001	0.0000901	0.00293	0.0558	0.0000184	0.00134	1
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	0.000154	0.00994	0.000021	0.000005	0.014	0.000005	6.83	0.0001	0.0000532	0.00258	0.0172	0.0000055	0.00168	1.22
Seep-03	Camp pad N	Contact water?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	6/14/2022	0.00122	0.0239	0.00001	0.000005	0.044	0.0000108	99.4	0.00011	0.000422	0.00163	0.0497	0.0000459	0.0085	5.41

Sample ID Convention	Area	Represents	Sampling Date	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00002	0.00002	0.00001	0.000005	0.01	0.000005	0.05	0.0001	0.000005	0.00005	0.001	0.000005	0.0005	0.05
Seep-07	Camp pad N	Contact water	6/14/2021	0.000789	0.012	0.00001	0.0000103	0.025	0.000028	21	0.00033	0.00503	0.00342	0.549	0.00064	0.00196	2.62
Seep-08	Camp pad N	Contact water	6/14/2021	0.000503	0.00844	0.00001	0.000005	0.016	0.0000168	20.6	0.00011	0.00229	0.00174	0.12	0.000169	0.00176	2.61
Seep-08	Camp pad N	Contact water	6/13/2022	0.000983	0.0174	0.000014	0.000005	0.112	0.0000254	41.7	0.00022	0.00446	0.00327	0.167	0.000214	0.00252	5.15
Seep-08	Camp pad N	Contact water	6/9/2023	0.000506	0.0179	0.00001	0.000005	0.029	0.000012	41.1	0.0001	0.000241	0.00207	0.0121	0.0000173	0.00258	5.1
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	0.00022	0.00732	0.00001	0.000005	0.019	0.0000085	25.7	0.00018	0.00027	0.00239	0.0802	0.0000287	0.00087	3.49
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	0.000236	0.0166	0.00001	0.000005	0.037	0.0000142	52.9	0.0001	0.000286	0.00258	0.017	0.0000253	0.00211	7.77
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	0.000218	0.0176	0.00001	0.000005	0.031	0.0000264	62.2	0.0001	0.000384	0.00327	0.0118	0.000136	0.00149	7.6
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	0.000502	0.0192	0.000029	0.0000055	0.03	0.0000568	49.1	0.00021	0.00549	0.00346	0.408	0.000134	0.00184	7.55
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	0.000191	0.0121	0.00001	0.000005	0.028	0.0000147	43.3	0.00011	0.000359	0.00237	0.0046	0.000013	0.00205	5.13
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	0.000346	0.0214	0.00001	0.000005	0.034	0.0000188	74.8	0.0001	0.000495	0.00251	0.0381	0.000026	0.00313	8.31
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	0.000368	0.0102	0.00001	0.000005	0.026	0.0000108	33.1	0.0001	0.000373	0.00272	0.0136	0.0000204	0.00178	4.84
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	0.000425	0.0117	0.00001	0.000005	0.027	0.0000105	47	0.0001	0.000329	0.00261	0.0026	0.0000124	0.00191	5.32
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	0.000518	0.0218	0.00001	0.000005	0.04	0.0000228	72	0.0001	0.000371	0.00233	0.0113	0.0000054	0.00377	8.18
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	0.000502	0.0192	0.000029	0.0000055	0.03	0.0000568	49.1	0.00021	0.00549	0.00346	0.408	0.000134	0.00184	7.55
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	0.000288	0.0176	0.00001	0.00001	0.03	0.0000241	63.5	0.00015	0.000929	0.00263	0.13	0.000131	0.0014	7.4
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	0.000239	0.0148	0.00001	0.00001	0.03	0.0000199	60.3	0.00012	0.000612	0.00241	0.0606	0.000141	0.00151	6.9
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	0.000184	0.0134	0.00001	0.00001	0.032	0.0000117	50.3	0.0001	0.000403	0.00207	0.0196	0.000026	0.00188	5.77
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	0.000286	0.0189	0.00001	0.00001	0.028	0.0000073	64.3	0.0001	0.000279	0.00187	0.0151	0.000031	0.00142	7.9
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	0.000172	0.00893	0.00001	0.000005	0.024	0.0000051	32	0.0001	0.000284	0.0022	0.0069	0.0000272	0.00111	4.49
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	0.000244	0.00888	0.000028	0.000005	0.023	0.0000186	35.9	0.0001	0.00066	0.00224	0.0157	0.0000266	0.00144	4.47
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	0.000307	0.0197	0.00001	0.000005	0.031	0.0000092	64.6	0.0001	0.000342	0.00192	0.0166	0.0000089	0.00193	7.96
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	0.000593	0.0225	0.00001	0.000005	0.029	0.000218	35.5	0.00016	0.000301	0.00408	0.0894	0.0000674	0.00207	5.21
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	0.00133	0.0406	0.00001	0.000005	0.188	0.000467	123	0.00019	0.000377	0.00602	0.167	0.000182	0.00277	13.8
Seep-16	Portal	Contact water/snow melt	6/19/2021	0.0603	0.00821	0.000056	0.0000685	0.01	0.0000315	6.15	0.00173	0.00173	0.00393	2.51	0.0019	0.00234	1.09
Seep-24	Portal	Contact water	6/10/2023	0.00448	0.0213	0.00001	0.000005	0.016	0.000033	28.5	0.00012	0.0017	0.00442	0.0513	0.0000337	0.00381	5.17
ULU-4a	Portal	Portal Pond	7/29/2020	0.00313	0.0121	0.0001	0.00005	0.0088	0.0000827	17.6	0.00036	0.00238	0.00675	0.236	0.000226	0.0028	3.07
ULU-4a	Portal	Portal Pond	8/26/2020	0.00255	0.012	0.0001	0.00005	0.0104	0.0000628	18.1	0.0003	0.00191	0.00498	0.216	0.000242	0.0031	3.17
ULU-4a	Portal	Portal Pond	9/5/2020	0.00369	0.0163	0.0001	0.00005	0.0099	0.0000806	25	0.00068	0.00218	0.00463	0.609	0.000318	0.0041	4.33
ULU-4a	Portal	Portal Pond	7/29/2021	0.00325	0.0144	0.000012	0.0000072	0.018	0.0000881	19.3	0.00038	0.00261	0.00425	0.367	0.000533	0.00436	3.97
Seep-09	Waste rock pad	Contact water	6/15/2021	0.00429	0.0173	0.00007	0.000048	0.013	0.000071	26.3	0.00313	0.00407	0.00556	2.12	0.00159	0.00508	3.65
Seep-10	Waste rock pad	Contact water	6/15/2021	0.0037	0.0182	0.00001	0.0000052	0.038	0.0000237	41.5	0.00026	0.000749	0.00257	0.222	0.000282	0.0018	3.8
Seep-10	Waste rock pad	Contact water	6/6/2022	0.00403	0.0141	0.00001	0.0000054	0.031	0.0000153	41.6	0.00042	0.000482	0.00305	0.237	0.000325	0.00205	2.92
Seep-25	Waste rock pad	Contact water	6/11/2023	0.0242	0.0526	0.000245	0.000312	0.03	0.000131	76.2	0.009	0.00642	0.0242	9.66	0.00724	0.0173	6.83
ULU-7	Waste rock pad	Contact water	7/31/2020	0.00172	0.0164	0.0001	0.00005	0.0553	0.000006	42.7	0.00014	0.00017	0.00315	0.051	0.00005	0.0044	5.48

Sample ID Convention	Area	Represents	Sampling Date	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00002	0.00002	0.00001	0.000005	0.01	0.000005	0.05	0.0001	0.000005	0.00005	0.001	0.000005	0.0005	0.05
Seep-11	Waste rock pad	Contact water	6/15/2021	0.00198	0.00642	0.00001	0.000005	0.013	0.0000155	15.7	0.00023	0.00268	0.00529	0.406	0.000424	0.0017	2.24
Seep-11	Waste rock pad	Contact water	6/6/2022	0.00344	0.00469	0.00001	0.000005	0.027	0.000014	13.5	0.00021	0.00165	0.00474	0.223	0.000314	0.00259	1.55
Seep-11	Waste rock pad	Contact water	6/11/2023	0.00147	0.00993	0.00001	0.0000064	0.023	0.0000106	28.6	0.00011	0.00238	0.00511	0.435	0.000344	0.00297	3.6
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	8/27/2020	0.00064	0.0234	0.0001	0.00005	0.0178	0.0000726	62.4	0.00018	0.00018	0.00331	0.061	0.000072	0.0017	10.8
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/29/2021	0.000455	0.0183	0.00001	0.000005	0.026	0.0000335	58.5	0.00014	0.000266	0.00252	0.0371	0.0000629	0.00077	9.8
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	9/1/2021	0.00047	0.0157	0.00001	0.000005	0.021	0.0000337	62.1	0.00016	0.000314	0.00225	0.0338	0.0000455	0.0005	8.99
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/28/2022	0.000643	0.0256	0.00001	0.0000052	0.031	0.0000791	74.3	0.00026	0.000441	0.00258	0.0992	0.000122	0.00094	8.91
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/24/2022	0.000509	0.0245	0.00001	0.000005	0.022	0.0000626	82.7	0.00012	0.000252	0.00234	0.0432	0.000033	0.00065	11
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/11/2023	0.000679	0.0202	0.00001	0.000006	0.038	0.0000495	54	0.0003	0.000333	0.0022	0.278	0.000142	0.00111	6.21
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/8/2023	0.000511	0.0228	0.00001	0.000005	0.042	0.0000593	81.2	0.00014	0.000252	0.00258	0.0491	0.0000453	0.00074	11.3
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	6/12/2023	0.00034	0.0179	0.00001	0.000005	0.04	0.0000356	51.5	0.00011	0.000168	0.00165	0.0403	0.0000431	0.00067	7.05
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	8/1/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.000375	0.00819	0.00001	0.000005	0.015	0.0000158	13.4	0.0001	0.0000962	0.00189	0.0153	0.0000088	0.0005	1.81
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/29/2021	0.000429	0.0171	0.000011	0.000005	0.028	0.0000601	30.1	0.00018	0.000237	0.00225	0.0401	0.0000472	0.0005	6.2
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	9/1/2021	0.000353	0.0148	0.00001	0.000005	0.021	0.0000574	28.2	0.00011	0.000211	0.00174	0.0335	0.0000375	0.0005	4.47
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.000338	0.0238	0.000016	0.000005	0.025	0.0000919	35.1	0.00013	0.000506	0.00191	0.0128	0.0000533	0.0005	5.13
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/24/2022	0.000357	0.0248	0.00001	0.000005	0.023	0.0000775	48.2	0.0001	0.000214	0.00167	0.0249	0.000007	0.0005	7.76
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/12/2023	0.000329	0.0147	0.00001	0.000005	0.012	0.000029	26.5	0.0001	0.000136	0.00194	0.016	0.0000114	0.0005	3.44
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.000472	0.00768	0.000014	0.000005	0.014	0.0000202	25.5	0.00013	0.000112	0.00147	0.0395	0.0000461	0.00051	3.17
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.000262	0.0189	0.000014	0.000005	0.024	0.000067	61.4	0.0001	0.00017	0.00164	0.0093	0.0000285	0.00055	7.61
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.000226	0.0124	0.00001	0.000005	0.019	0.0000196	39.2	0.0001	0.0000814	0.00139	0.0142	0.0000111	0.0005	4.94
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.000186	0.00502	0.000021	0.000005	0.01	0.0000392	9.57	0.00015	0.000159	0.00213	0.0553	0.0000641	0.0005	1.86
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.00016	0.0154	0.000026	0.000005	0.011	0.0000732	26.7	0.0001	0.000172	0.00185	0.0391	0.0000631	0.0005	5.35
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	7/25/2022	0.000247	0.0224	0.000026	0.00001	0.01	0.000105	36.7	0.0002	0.000275	0.00224	0.137	0.000131	0.0005	7.64
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.000279	0.0123	0.000022	0.000005	0.012	0.0000728	19.3	0.00037	0.000378	0.00333	0.0488	0.0000614	0.0005	4.45
Seep-19	Camp 3	Contact water?	7/30/2021	0.000151	0.0177	0.00001	0.000005	0.013	0.0000099	29.2	0.0001	0.000229	0.002	0.0155	0.0000116	0.00148	5.23
Ref-03		Camp impacted background	6/14/2022	0.000137	0.0081	0.000043	0.000005	0.01	0.0000281	4.98	0.00018	0.0000579	0.00244	0.0511	0.0000403	0.00117	1.42
Ref-03		Camp impacted background	6/13/2023	0.000097	0.00849	0.000024	0.000005	0.01	0.0000141	7.01	0.0001	0.0000298	0.0019	0.0312	0.0000075	0.00085	2
Ref-03		Camp impacted background	7/3/2023	0.000107	0.0124	0.000021	0.000005	0.01	0.0000204	8.99	0.00018	0.0000442	0.0024	0.0257	0.0000067	0.00105	3.24
Ref-06		Background	7/3/2022	0.000054	0.00259	0.000022	0.000005	0.043	0.0000166	2.32	0.0001	0.000311	0.0021	0.0125	0.0000251	0.0005	0.584
Ref-06		Background	6/13/2023	0.000061	0.00209	0.000013	0.000005	0.01	0.0000134	1.96	0.0001	0.0000902	0.00175	0.0107	0.0000121	0.0005	0.444
Ref-06		Background	7/3/2023	0.000093	0.00337	0.000019	0.000005	0.01	0.0000169	3.25	0.00013	0.000154	0.00281	0.026	0.0000449	0.0005	0.923
Notes																	
Renamed ID's																	
Italics <DL																	
Calculated from other value																	

Sample ID Convention	Area	Represents	Sampling Date	Total Manganese (Mn)	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00005	0.0000019	0.00005	0.00002	0.002	0.05	0.00004	0.05	0.000005	0.05	0.00005	3	0.000002
ULU-8	Ore pad E	Contact water?	7/31/2020	0.0755	0.000005	0.000364	0.0106	0.05	7.59	0.000738	3.35	0.00001	63.9	0.098	95.5	0.000013
ULU-8	Ore pad E	Contact water?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	8/26/2020	0.44	0.000005	0.000178	0.0202	0.05	10.6	0.000631	3.37	0.00001	126	0.18	129	0.000017
ULU-8	Ore pad E	Contact water	6/6/2022	0.261	0.0000073	0.000153	0.00784	0.0392	3.35	0.000273	2.09	0.0000081	11.1	0.0378	27.4	0.000004
ULU-8	Ore pad E	Contact water?	6/12/2023	0.0122	0.0000019	0.0001	0.00698	0.0074	5.93	0.000602	2.34	0.000005	12.6	0.0967	98.5	0.0000041
ULU-8	Ore pad E	Contact water	7/3/2023	0.132	0.0000019	0.00038	0.0162	0.0051	8.16	0.000941	2.26	0.000005	9.94	0.142	133	0.000005
ULU-8A	Ore pad E	Contact water	7/1/2023	0.532	0.0000021	0.000922	0.0417	0.0262	9.61	0.00148	2.35	0.0000056	7.19	0.169	161	0.0000093
ULU-8A	Ore pad E	Contact water	7/7/2023	0.597	0.0000019	0.000809	0.0183	0.0303	8.07	0.00139	2.42	0.00001	9.78	0.151	153	0.000009
ULU-8A	Ore pad E	Contact water	7/16/2023	0.693	0.0000034	0.000723	0.0123	0.009	7.86	0.000981	2.4	0.000005	14.1	0.154	142	0.0000087
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	0.167	0.000005	0.000108	0.0248	0.05	6.96	0.000803	3.41	0.00001	8.12	0.139	125	0.00001
Seep-01	Ore pad S	Surface flow?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	0.0303	0.0000019	0.00005	0.00759	0.0108	1.65	0.00023	1.31	0.0000088	2.22	0.0297	19.3	0.0000037
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	0.208	#N/A	0.000188	0.00318	0.0254	2.62	0.000225	2.45	0.0000069	1.02	0.041	25.1	0.0000042
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	0.0873	#N/A	0.000147	0.00126	0.0114	2.54	0.000146	1.69	0.000009	5.09	0.0375	25.6	0.0000097
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	0.123	0.0000043	0.000152	0.00916	0.0243	1.29	0.000361	1.24	0.0000083	1.66	0.0198	7.6	0.0000073
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	0.351	0.0000019	0.00005	0.0213	0.0052	1.41	0.000556	1.6	0.000005	4.46	0.0296	22.5	0.0000104
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	0.136	0.0000019	0.00005	0.0118	0.0075	1.2	0.000212	1.63	0.000005	1.88	0.0212	8.8	0.0000098
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	0.989	0.0000019	0.000056	0.13	0.0073	7.15	0.00262	5.68	0.000005	10.5	0.14	196	0.0000567
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.235	0.0000025	0.00005	0.0198	0.0071	1.96	0.000216	1.88	0.0000089	8.66	0.0744	57.1	0.0000068
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	1.52	0.0000028	0.00005	0.102	0.005	3.33	0.00151	4.7	0.00001	13.8	0.0747	80.6	0.0000506
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.0358	0.0000038	0.00005	0.00102	0.0157	1.42	0.000049	1.08	0.0000054	2.98	0.0428	15	0.0000051
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	0.00188	0.000003	0.00005	0.00148	0.0057	0.941	0.00004	0.959	0.000005	3.24	0.0115	5.6	0.000002
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	0.00322	0.0000019	0.00005	0.00219	0.002	1.32	0.00004	2.41	0.000005	5.89	0.027	12.5	0.000002
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	0.00466	0.0000019	0.00005	0.00171	0.006	1.16	0.00004	1.59	0.000005	4.67	0.0209	10.5	0.000002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	0.000488	0.0000056	0.00005	0.000727	0.0065	0.801	0.00004	1.07	0.0000054	1.53	0.0201	3	0.000002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	0.00265	0.0000019	0.00005	0.000987	0.0052	0.619	0.00004	1.63	0.0000105	1.54	0.0247	3	0.000002
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	0.00056	0.0000035	0.00005	0.000929	0.0058	0.565	0.00004	2.13	0.0000055	1.65	0.0269	7	0.000002
Seep-03	Camp pad N	Contact water?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	6/14/2022	0.00387	0.0000019	0.00164	0.00102	0.008	4.87	0.000531	2.22	0.000005	2.64	0.106	61.2	0.0000134

Sample ID Convention	Area	Represents	Sampling Date	Total Manganese (Mn)	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00005	0.0000019	0.00005	0.00002	0.002	0.05	0.00004	0.05	0.000005	0.05	0.00005	3	0.000002
Seep-07	Camp pad N	Contact water	6/14/2021	0.0265	0.0000023	0.000544	0.00292	0.0192	1.82	0.000219	1.29	0.0000423	0.587	0.0198	9.8	0.0000111
Seep-08	Camp pad N	Contact water	6/14/2021	0.0186	0.0000019	0.000708	0.00196	0.0086	1.9	0.000156	0.715	0.000005	0.658	0.0198	11.9	0.0000077
Seep-08	Camp pad N	Contact water	6/13/2022	0.0222	0.0000019	0.00318	0.00322	0.0118	3.13	0.000532	0.865	0.000005	0.98	0.0414	25.8	0.0000097
Seep-08	Camp pad N	Contact water	6/9/2023	0.000329	0.0000019	0.00192	0.00209	0.0044	4.15	0.000121	0.943	0.000005	1.67	0.042	21.7	0.0000106
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	0.00213	0.0000025	0.000395	0.00132	0.009	2.23	0.000203	1.28	0.000005	2.38	0.029	8.1	0.0000036
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	0.00603	0.0000019	0.000526	0.00203	0.0056	4.24	0.000215	1.65	0.000005	5.98	0.0617	39.9	0.0000023
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	0.00602	0.0000019	0.000404	0.00201	0.004	3.96	0.000191	1.45	0.0000123	6.4	0.0696	29.3	0.0000042
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	0.224	0.000003	0.000456	0.00363	0.0176	3.67	0.000109	0.982	0.0000076	5.95	0.0594	39.2	0.0000056
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	0.00208	0.0000019	0.000426	0.00158	0.002	2.99	0.000209	1.41	0.000005	3.37	0.048	33.4	0.0000038
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	0.00572	0.0000019	0.000712	0.00237	0.004	4.99	0.000232	1.73	0.000005	4.96	0.0865	58	0.0000042
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	0.00195	0.0000019	0.000575	0.00161	0.0028	2.98	0.000217	1.47	0.0000054	3.62	0.0381	22.9	0.0000036
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	0.0019	0.0000021	0.000635	0.00172	0.003	3.16	0.000153	1.77	0.000005	3.96	0.0445	28.9	0.0000042
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	0.00547	0.0000019	0.00068	0.00232	0.002	5.18	0.000167	1.83	0.0000051	5.46	0.0824	53	0.0000058
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	0.224	0.000003	0.000456	0.00363	0.0176	3.67	0.000109	0.982	0.0000076	5.95	0.0594	39.2	0.0000056
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	0.0337	0.0000019	0.000245	0.00186	0.0133	3.6	0.000139	0.809	0.00001	6.51	0.068	29.9	0.0000071
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	0.0191	0.0000019	0.000338	0.00156	0.0075	3.82	0.000216	1.19	0.00001	5.89	0.0668	29.7	0.0000042
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	0.00387	0.0000019	0.000308	0.00115	0.0084	2.93	0.000129	0.928	0.00001	3.9	0.0528	36.5	0.0000028
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	0.00553	0.0000019	0.000173	0.0011	0.0065	3.87	0.000064	0.758	0.00001	5.28	0.0785	51.3	0.0000032
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	0.00145	0.0000019	0.000219	0.000888	0.0049	2.78	0.000082	1	0.000005	4.22	0.0364	21.9	0.000002
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	0.0293	0.000002	0.000194	0.000992	0.0061	2.55	0.000064	0.969	0.000005	3.74	0.0388	25.9	0.0000036
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	0.00993	0.0000019	0.000234	0.00122	0.0025	4.09	0.000063	1.38	0.000005	5.54	0.0806	47.8	0.0000048
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	0.0246	0.0000019	0.000314	0.00164	0.0154	2.75	0.000132	1.42	0.0000052	2.35	0.0693	13.6	0.0000076
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	0.0379	0.0000019	0.00129	0.00361	0.0221	10.3	0.000206	2.33	0.0000089	15.9	0.158	83.7	0.0000233
Seep-16	Portal	Contact water/snow melt	6/19/2021	0.0353	0.0000019	0.000151	0.00314	0.0302	1.21	0.000065	2.05	0.000005	0.384	0.00555	3	0.0000174
Seep-24	Portal	Contact water	6/10/2023	0.0152	0.0000019	0.000096	0.00264	0.0043	2.46	0.000063	2.67	0.0000232	11	0.117	9.9	0.0000105
ULU-4a	Portal	Portal Pond	7/29/2020	0.0366	0.000005	0.000497	0.00594	0.05	1.91	0.000106	1.51	0.000012	8.62	0.0264	13.9	0.00001
ULU-4a	Portal	Portal Pond	8/26/2020	0.0341	0.000005	0.000438	0.0058	0.05	1.96	0.000124	1.36	0.00001	9.84	0.03	14.5	0.000017
ULU-4a	Portal	Portal Pond	9/5/2020	0.0864	0.000005	0.00135	0.00683	0.05	2.58	0.000136	1.66	0.00001	13.4	0.041	18.5	0.00001
ULU-4a	Portal	Portal Pond	7/29/2021	0.0349	0.0000019	0.000348	0.00646	0.0163	2.14	0.000237	1.24	0.0000168	11	0.0529	13.3	0.0000092
Seep-09	Waste rock pad	Contact water	6/15/2021	0.0503	0.0000019	0.000313	0.00629	0.0495	2.8	0.000225	2.79	0.000014	2.35	0.03	19.9	0.0000285
Seep-10	Waste rock pad	Contact water	6/15/2021	0.035	0.0000019	0.000372	0.00166	0.0185	2.96	0.000377	1.76	0.000005	3.07	0.0418	15.1	0.0000074
Seep-10	Waste rock pad	Contact water	6/6/2022	0.00675	0.0000019	0.000422	0.00151	0.0135	3.48	0.000255	1.77	0.0000092	2.15	0.0642	27.7	0.0000114
Seep-25	Waste rock pad	Contact water	6/11/2023	0.124	0.0000019	0.00104	0.0177	0.113	5.14	0.000376	8	0.000122	4.4	0.082	31.4	0.000102
ULU-7	Waste rock pad	Contact water	7/31/2020	0.0018	0.000005	0.000342	0.00156	0.05	2.88	0.000152	3.05	0.00001	6.33	0.0597	29.4	0.00001

Sample ID Convention	Area	Represents	Sampling Date	Total Manganese (Mn)	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.00005	0.0000019	0.00005	0.00002	0.002	0.05	0.00004	0.05	0.000005	0.05	0.00005	3	0.000002
Seep-11	Waste rock pad	Contact water	6/15/2021	0.0125	0.0000042	0.000181	0.0027	0.0246	1.39	0.000136	1.3	0.0000101	1.34	0.0169	3.4	0.0000057
Seep-11	Waste rock pad	Contact water	6/6/2022	0.00869	0.0000023	0.000161	0.0023	0.0104	1.25	0.000147	0.956	0.0000054	0.82	0.017	7.2	0.0000074
Seep-11	Waste rock pad	Contact water	6/11/2023	0.0104	0.0000019	0.000149	0.00314	0.0191	1.74	0.000169	2.01	0.000009	2.04	0.035	9.9	0.0000063
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	8/27/2020	0.00872	0.0000005	0.000136	0.00359	0.05	4.26	0.000196	2.21	0.000001	27.1	0.0884	51.9	0.000023
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/29/2021	0.00132	0.0000019	0.000418	0.00185	0.0118	3.79	0.000294	1.69	0.0000005	11	0.0741	49.6	0.0000071
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	9/1/2021	0.00228	0.0000019	0.000286	0.00228	0.0039	3.46	0.000342	1.82	0.0000005	13.6	0.0727	32.4	0.0000057
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/28/2022	0.019	0.0000019	0.000262	0.00273	0.0078	4.05	0.000279	1.73	0.0000052	8.86	0.0849	47.7	0.0000114
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/24/2022	0.00398	0.0000027	0.000243	0.00247	0.007	4.33	0.000181	1.89	0.0000056	15.1	0.0997	56.9	0.0000097
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	6/11/2023	0.00751	0.0000019	0.0003	0.00229	0.0087	3.46	0.000207	1.53	0.0000005	6.92	0.0657	27.6	0.0000133
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	7/8/2023	0.00714	0.0000019	0.00029	0.0029	0.0086	4.59	0.000165	1.77	0.0000005	11.9	0.0973	55.9	0.0000107
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	6/12/2023	0.00321	0.0000019	0.000297	0.00182	0.007	3.62	0.000205	1.5	0.0000005	9.12	0.0622	35.5	0.0000053
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	8/1/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.000526	0.0000037	0.000125	0.00224	0.012	1.08	0.000043	1.03	0.0000005	1.91	0.0167	5	0.0000002
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/29/2021	0.00379	0.0000019	0.000159	0.00508	0.0102	2.4	0.000127	2.14	0.0000005	11.7	0.0523	34.2	0.0000044
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	9/1/2021	0.00473	0.0000019	0.000141	0.00475	0.0025	1.81	0.000112	2.24	0.0000005	9.38	0.0425	17.4	0.0000037
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.00518	0.0000027	0.000324	0.00428	0.017	1.43	0.000069	1.92	0.0000092	5.45	0.0514	31.1	0.0000099
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	7/24/2022	0.00341	0.0000019	0.000099	0.00588	0.0021	2.57	0.000097	2.38	0.0000005	9.94	0.0735	47.2	0.0000043
Seep-13	Waste rock pad-East L	WR pad-downstream flow into lake	6/12/2023	0.00172	0.0000019	0.00017	0.00325	0.0028	1.46	0.000073	1.74	0.0000005	3.21	0.0377	16.4	0.0000028
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.00246	0.0000029	0.000259	0.00114	0.0074	2.07	0.000196	1.05	0.0000005	2.71	0.0268	7.8	0.0000031
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.00172	0.0000019	0.000232	0.00189	0.0076	2.95	0.000256	1.67	0.0000005	9.7	0.0694	38	0.0000066
Seep-14	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.000909	0.0000019	0.000265	0.00125	0.004	2.73	0.000078	1.32	0.0000005	7	0.0484	19.3	0.0000042
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/17/2021	0.00207	0.0000002	0.000053	0.00115	0.0075	0.84	0.000062	1.41	0.0000005	1.54	0.0117	4.6	0.0000032
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/30/2022	0.00229	0.0000019	0.000053	0.00144	0.0095	1.29	0.000088	1.85	0.0000005	3.54	0.0344	22.7	0.0000051
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	7/25/2022	0.00566	0.0000019	0.000057	0.0022	0.0155	1.82	0.00004	2.31	0.000001	5.45	0.0515	32.9	0.0000068
Seep-15	Waste rock pad-East L	WR pad-downstream flow into lake	6/11/2023	0.00484	0.0000019	0.000066	0.00177	0.0263	1.39	0.000045	1.6	0.0000005	3.79	0.0253	17.7	0.0000052
Seep-19	Camp 3	Contact water?	7/30/2021	0.00118	0.0000019	0.000524	0.00181	0.0085	3.26	0.000156	1.77	0.0000005	0.905	0.0328	13.6	0.0000066
Ref-03		Camp impacted background	6/14/2022	0.00182	0.0000035	0.00005	0.00123	0.006	0.446	0.000054	1.61	0.0000005	0.895	0.00892	3	0.0000035
Ref-03		Camp impacted background	6/13/2023	0.00193	0.0000019	0.00005	0.000973	0.0023	0.433	0.00004	1.87	0.0000005	1.15	0.0131	3	0.0000002
Ref-03		Camp impacted background	7/3/2023	0.00379	0.0000019	0.00005	0.00245	0.002	0.581	0.00004	2.54	0.0000005	1.83	0.0199	3	0.0000002
Ref-06		Background	7/3/2022	0.0129	0.0000019	0.00191	0.000818	0.002	0.137	0.000093	1.33	0.0000005	0.581	0.00358	3	0.0000032
Ref-06		Background	6/13/2023	0.000552	0.0000019	0.00005	0.000662	0.0042	0.139	0.00004	0.985	0.0000005	0.324	0.00302	3	0.0000002
Ref-06		Background	7/3/2023	0.00105	0.0000019	0.00005	0.00218	0.002	0.232	0.00004	1.49	0.0000005	0.514	0.00535	3	0.0000037
Notes																
Renamed ID's																
Italics <DL																
Calculated from other value																

Sample ID Convention	Area	Represents	Sampling Date	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Lanthanum (La)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.0002	0.0005	0.000002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0004	0.00001	0.0002	0.0002	0.5	0.0005
ULU-8	Ore pad E	Contact water?	7/31/2020	0.0001	0.00133	0.000132	0.0005	0.0976	0.00033	0.0001	0.0001	#N/A	0.000263	0.0002	0.0113	#N/A	0.028
ULU-8	Ore pad E	Contact water?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.033
ULU-8	Ore pad E	Contact water?	8/26/2020	0.0001	0.00036	0.000077	0.0005	0.171	0.0002	0.0001	0.0001	#N/A	0.000286	0.0002	0.0131	#N/A	0.0203
ULU-8	Ore pad E	Contact water	6/6/2022	0.0002	0.00293	0.000145	0.0002	0.046	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	112	0.0445
ULU-8	Ore pad E	Contact water?	6/12/2023	0.0002	0.00091	0.0000682	0.0002	0.0409	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	306	0.0105
ULU-8	Ore pad E	Contact water	7/3/2023	0.0002	0.0005	0.000227	0.0002	0.0974	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	408	0.0118
ULU-8A	Ore pad E	Contact water	7/1/2023	0.0002	0.00138	0.000678	0.0002	0.29	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	478	0.0182
ULU-8A	Ore pad E	Contact water	7/7/2023	0.0002	0.0071	0.000336	0.00052	0.116	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	590	0.00865
ULU-8A	Ore pad E	Contact water	7/16/2023	0.0002	0.0005	0.000327	0.0002	0.0842	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	391	0.007
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	9/5/2019	0.0001	0.0015	0.000026	0.0005	0.0543	0.0002	0.0001	0.0001	#N/A	0.00006	0.0002	0.00832	366	0.0151
Seep-01	Ore pad S	Surface flow?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0231
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0556
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0119
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	6/10/2023	0.0002	0.0005	0.0000403	0.0002	0.0146	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	86	0.0239
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	6/10/2023	0.0002	0.00147	0.0000563	0.00032	0.00579	0.00037	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	111	0.0744
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	6/10/2023	0.0002	0.00138	0.000322	0.0002	0.00162	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	107	0.00738
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.632
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/7/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.639
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	8/26/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.22
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/16/2021	0.0002	0.00487	0.000197	0.00021	0.017	0.00014							47.7	0.0446
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/30/2022	0.0002	0.0005	0.000161	0.0002	0.0429	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	68.7	0.0592
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	6/9/2023	0.0002	0.00054	0.000235	0.0002	0.0242	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	48.5	0.0502
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	7/22/2023	0.0002	0.0005	0.00413	0.0002	0.3	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	537	7.2
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.0002	0.0005	0.000034	0.0002	0.0263	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	154	0.0262
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.0002	0.002	0.00101	0.0002	0.22	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	193	4.45
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	7/22/2023	0.0002	0.0005	0.0000391	0.0002	0.00377	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	69.4	0.0102
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/2/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0492
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	8/27/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.032
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/16/2021	0.0002	0.00081	0.0000417	0.0002	0.00089	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	28.7	0.037
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	9/1/2021	0.0002	0.0005	0.0000349	0.0002	0.00196	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	63.3	0.0347
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	6/12/2023	0.0002	0.00392	0.0000365	0.00021	0.00252	0.00019	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	51.5	0.0272
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/16/2021	0.0002	0.00089	0.0000712	0.0002	0.00709	0.00019							21.1	0.0389
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/9/2023	0.0002	0.00119	0.0000714	0.0002	0.00075	0.00027	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	18.1	0.0623
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	6/19/2023	0.0002	0.0005	0.0000648	0.0002	0.00213	0.00021	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	25.1	0.0662
Seep-03	Camp pad N	Contact water?	7/31/2020	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0149
Seep-21	Camp pad N	Contact water?	6/14/2022	0.0002	0.001	0.00128	0.0002	0.00151	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	272	0.00432

Sample ID Convention	Area	Represents	Sampling Date	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Lanthanum (La)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)
Units				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL				0.0002	0.0005	0.000002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0004	0.00001	0.0002	0.0002	0.5	0.0005
Seep-07	Camp pad N	Contact water	6/14/2021	0.0002	0.0124	0.000304	0.00062	0.00949	0.00011							60.3	0.0263
Seep-08	Camp pad N	Contact water	6/14/2021	0.0002	0.00193	0.000404	0.0002	0.0045	0.0001							62.3	0.0135
Seep-08	Camp pad N	Contact water	6/13/2022	0.0002	0.00402	0.00128	0.00027	0.00698	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	128	0.0254
Seep-08	Camp pad N	Contact water	6/9/2023	0.0002	0.0005	0.000602	0.0002	0.0028	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	118	0.01
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2021	0.0002	0.0024	0.000239	0.0002	0.0001	0.00013							79.2	0.0214
Seep-17	Drill core/Camp pad	Tundra seep	7/29/2021	0.0002	0.0005	0.000638	0.0002	0.0022	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	139	0.0118
Seep-17	Drill core/Camp pad	Tundra seep	8/26/2021	0.0002	0.0005	0.000805	0.0002	0.00247	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	188	0.0105
Seep-17	Drill core/Camp pad	Tundra seep	9/1/2021	0.0002	0.00199	0.000351	0.00027	0.00707	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	133	0.00708
Seep-17	Drill core/Camp pad	Tundra seep	6/27/2022	0.0002	0.0005	0.000272	0.0002	0.00173	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	128	0.0104
Seep-17	Drill core/Camp pad	Tundra seep	7/24/2022	0.0002	0.0005	0.000946	0.0002	0.00274	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	233	0.00921
Seep-17	Drill core/Camp pad	Tundra seep	6/12/2023	0.0002	0.0005	0.000294	0.0002	0.00106	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	98.7	0.00889
Seep-17	Drill core/Camp pad	Tundra seep	6/19/2023	0.0002	0.0005	0.000405	0.0002	0.00134	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	127	0.0101
Seep-17	Drill core/Camp pad	Tundra seep	7/27/2023	0.0002	0.0005	0.00106	0.0002	0.00201	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	208	0.00748
Seep-18	Drill core/Camp pad	Downstream flow in tundra	7/29/2021	0.0002	0.00199	0.000351	0.00027	0.00707	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	133	0.00708
Seep-18	Drill core/Camp pad	Downstream flow in tundra	8/26/2021	0.0002	0.002	0.000265	0.0002	0.0041	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	178	0.00594
Seep-18	Drill core/Camp pad	Downstream flow in tundra	9/1/2021	0.0002	0.002	0.000364	0.0002	0.0021	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	171	0.00573
Seep-18	Drill core/Camp pad	Downstream flow in tundra	6/27/2022	0.0002	0.002	0.000133	0.0002	0.0025	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	130	0.00671
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/24/2022	0.0002	0.002	0.000142	0.0002	0.002	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	203	0.00858
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/12/2023	0.0002	0.0005	0.000113	0.0002	0.00043	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	95.1	0.00729
Seep-20	Drill core/Camp pad	Downstream flow in tundra	6/19/2023	0.0002	0.0005	0.000118	0.0002	0.00117	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	123	0.00914
Seep-20	Drill core/Camp pad	Downstream flow in tundra	7/27/2023	0.0002	0.0005	0.000296	0.0002	0.00086	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	190	0.00733
ULU-15	Landfill	Pre-land fill run off from Camp pad S	6/23/2021	0.0002	0.00183	0.000735	0.0002	0.132	0.00012							#N/A	#N/A
ULU-15	Landfill	Run off from Camp pad S/landfill	6/11/2023	0.0002	0.00105	0.00535	0.0002	0.33	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	382	0.00451
Seep-16	Portal	Contact water/snow melt	6/19/2021	0.0002	0.0562	0.00013	0.00427	0.0125	0.00025							15.5	0.06
Seep-24	Portal	Contact water	6/10/2023	0.0002	0.00067	0.000101	0.0002	0.00413	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	87.4	0.0301
ULU-4a	Portal	Portal Pond	7/29/2020	0.0001	0.00305	0.000232	0.0005	0.167	0.0002	0.00047	0.0001	#N/A	0.000067	0.0002	0.00282	#N/A	#N/A
ULU-4a	Portal	Portal Pond	8/26/2020	0.0001	0.00097	0.000251	0.0005	0.167	0.0002	0.00066	0.0001	#N/A	0.000063	0.0002	0.00295	#N/A	0.023
ULU-4a	Portal	Portal Pond	9/5/2020	0.0001	0.00108	0.00067	0.0005	0.145	0.0002	0.00068	0.0001	#N/A	0.000072	0.0002	0.00388	#N/A	0.0202
ULU-4a	Portal	Portal Pond	7/29/2021	0.0002	0.0046	0.000233	0.00035	0.186	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	54.8	0.0159
Seep-09	Waste rock pad	Contact water	6/15/2021	0.0002	0.0679	0.000348	0.00339	0.0226	0.00022							79.1	0.0198
Seep-10	Waste rock pad	Contact water	6/15/2021	0.0002	0.00554	0.000267	0.00039	0.0053	0.00012							107	0.00783
Seep-10	Waste rock pad	Contact water	6/6/2022	0.00025	0.00555	0.000258	0.00044	0.00524	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	125	0.0059
Seep-25	Waste rock pad	Contact water	6/11/2023	0.0002	0.243	0.00106	0.0151	0.0905	0.00045	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	216	0.00357
ULU-7	Waste rock pad	Contact water	7/31/2020	0.0001	0.00111	0.000142	0.0005	0.0056	0.00024	0.0001	0.0001	#N/A	0.000071	0.0002	0.00416	#N/A	0.018