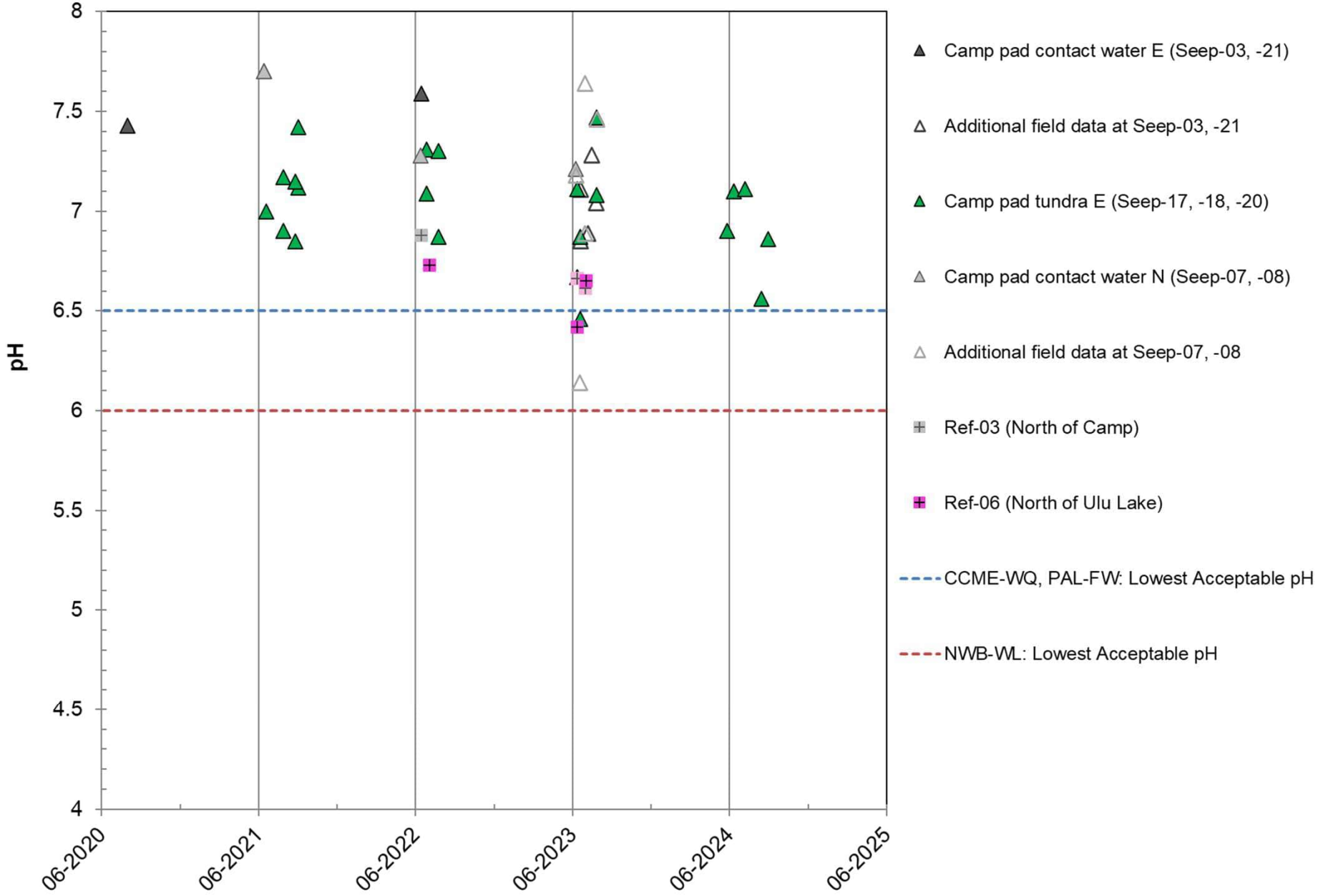
Camp Pad Seepage Charts



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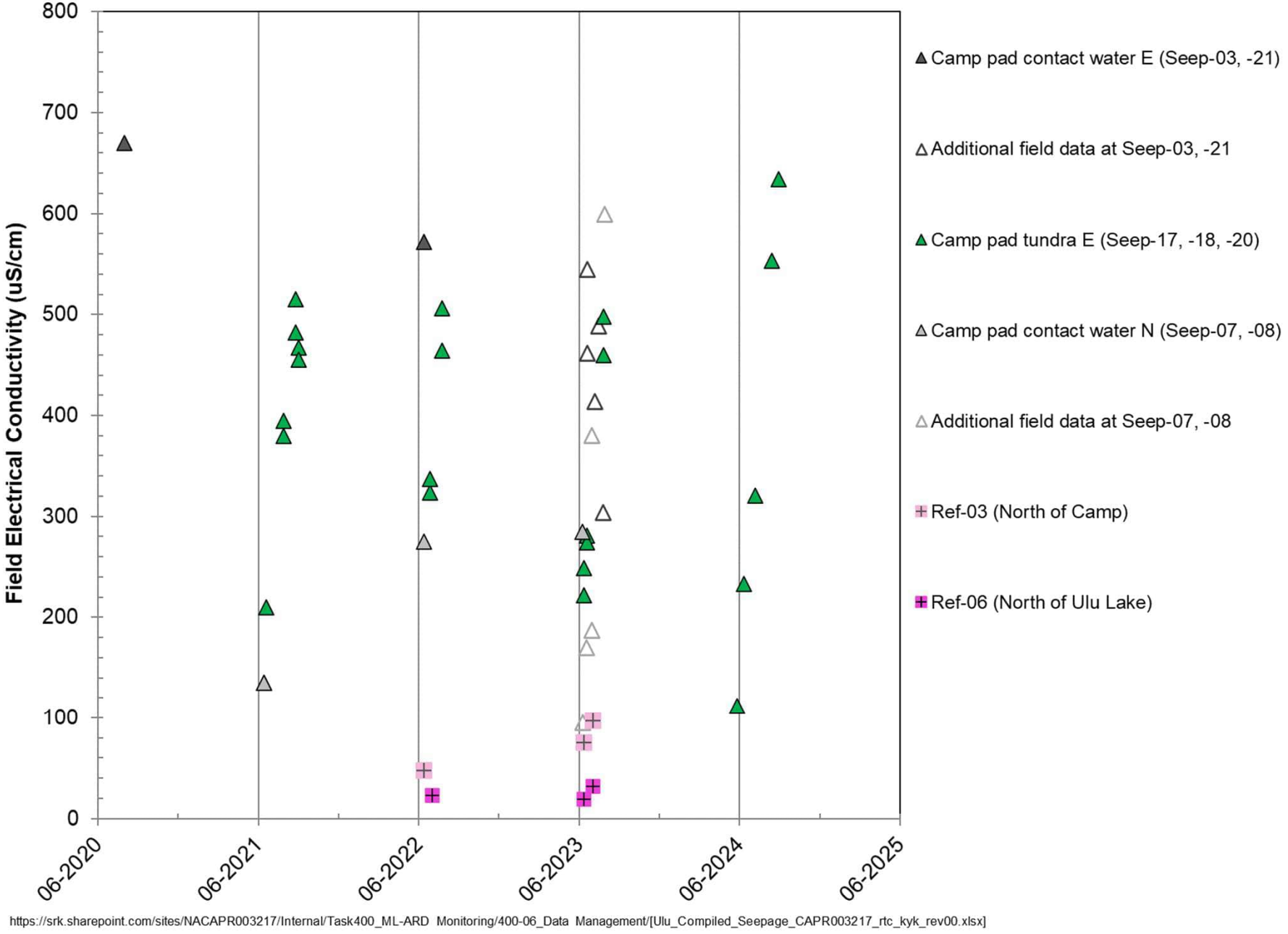

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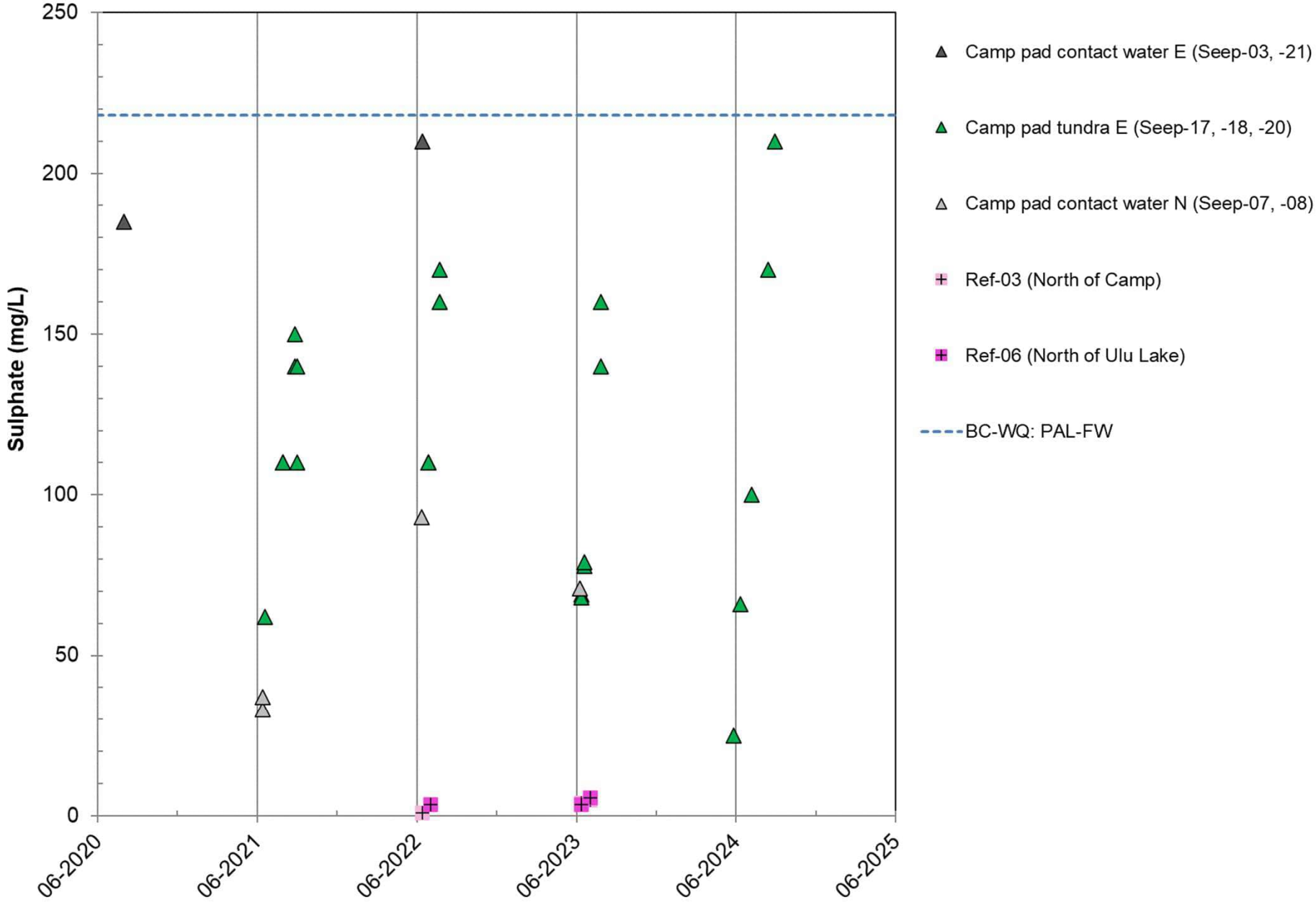

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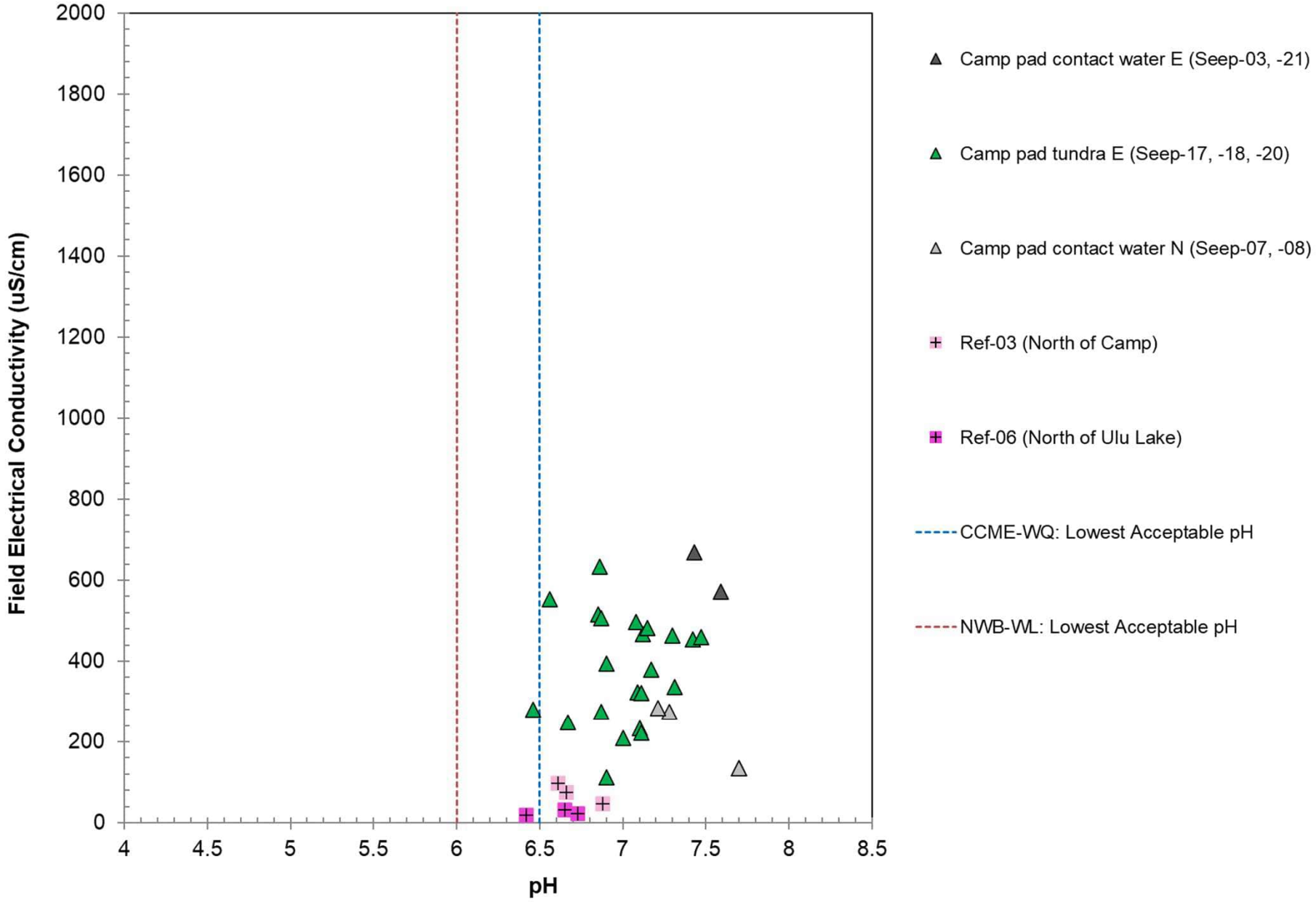

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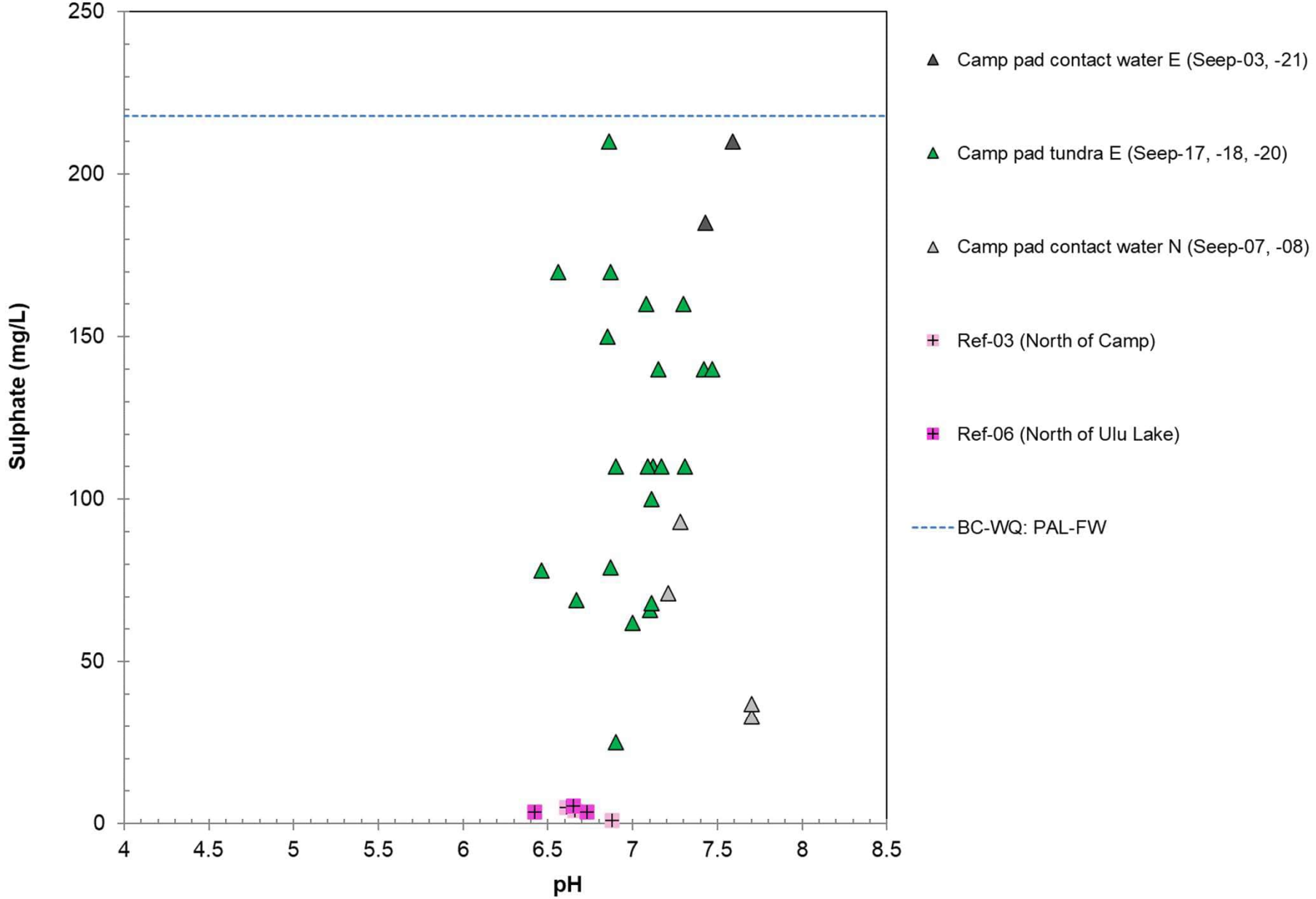

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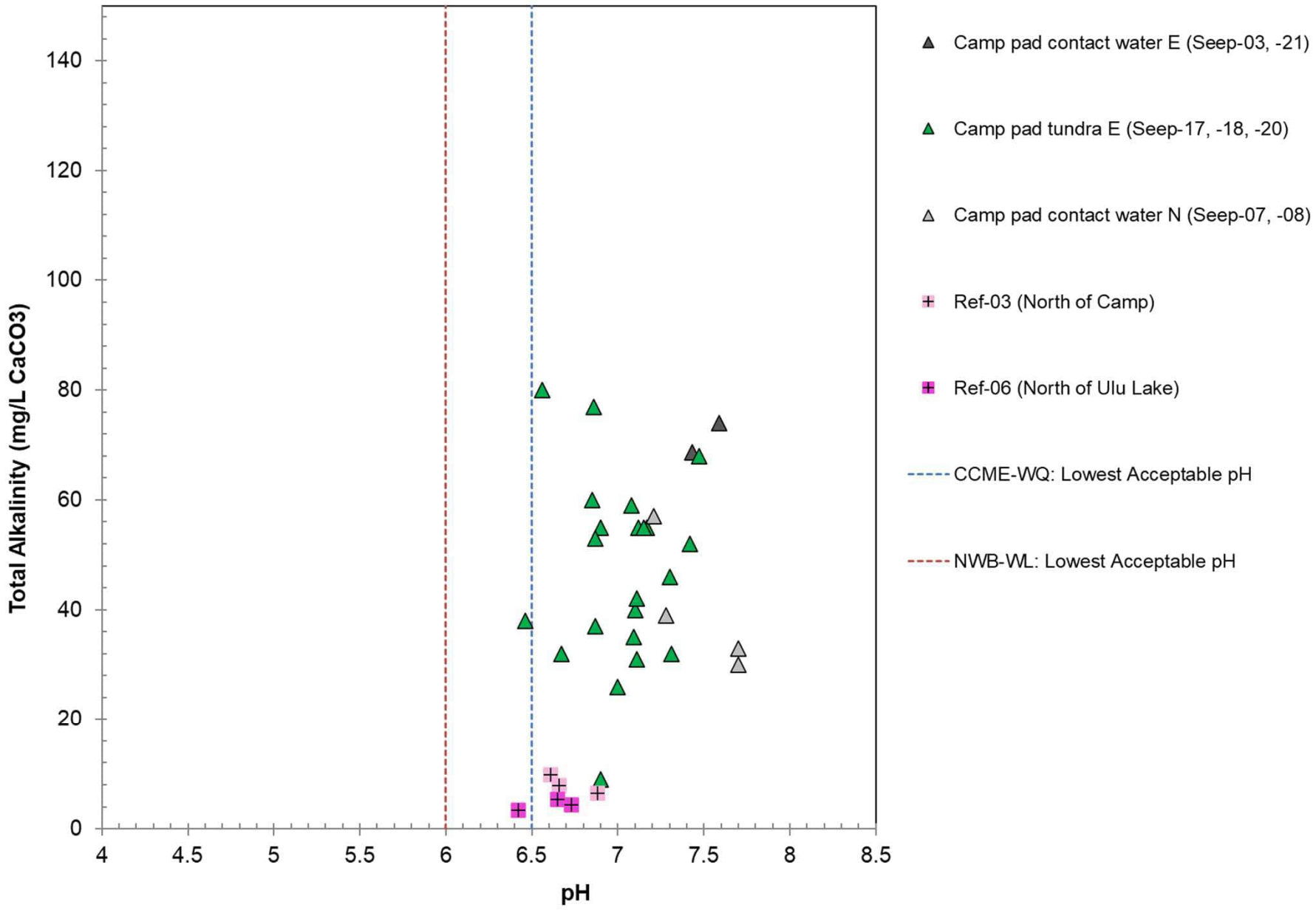

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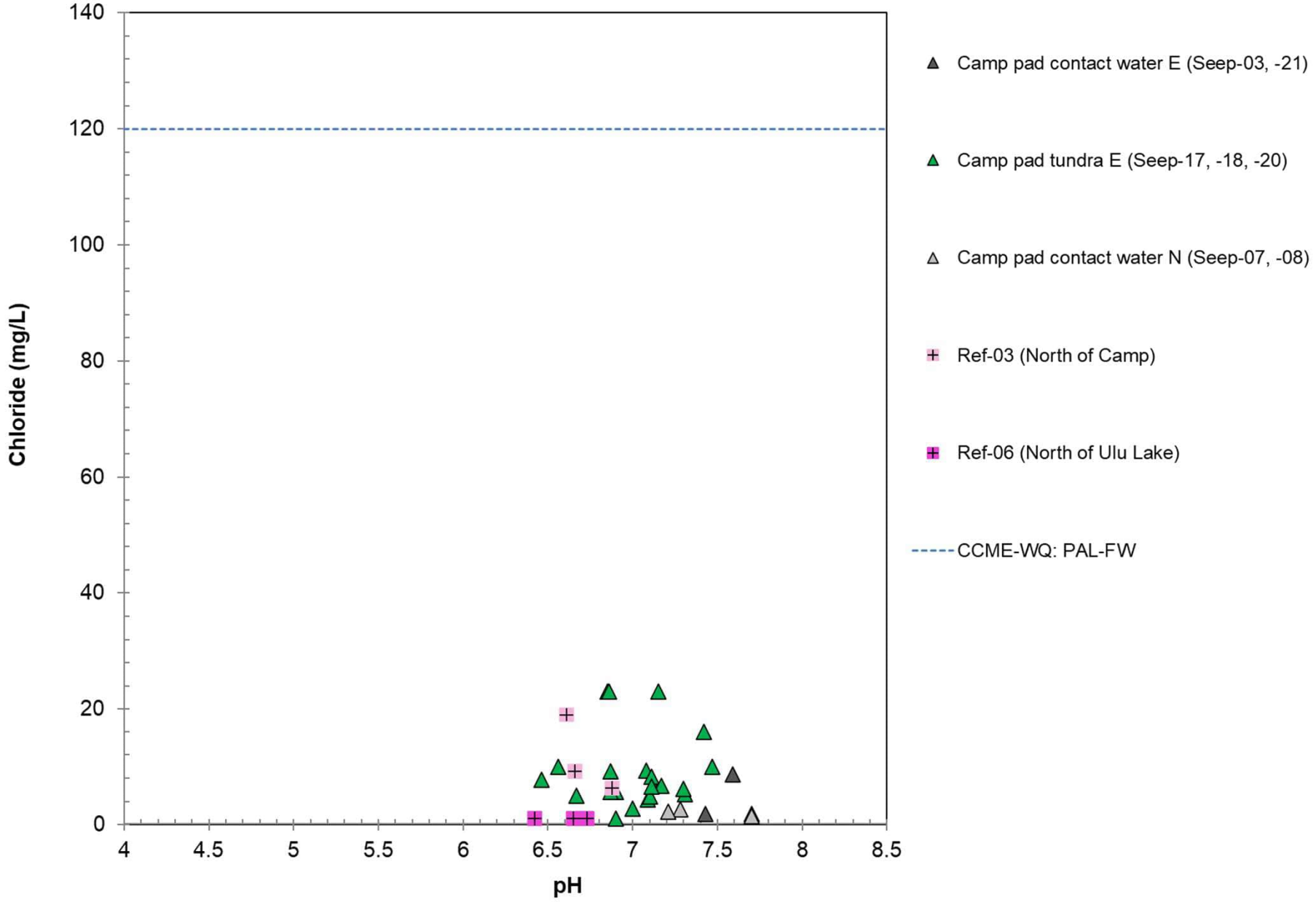

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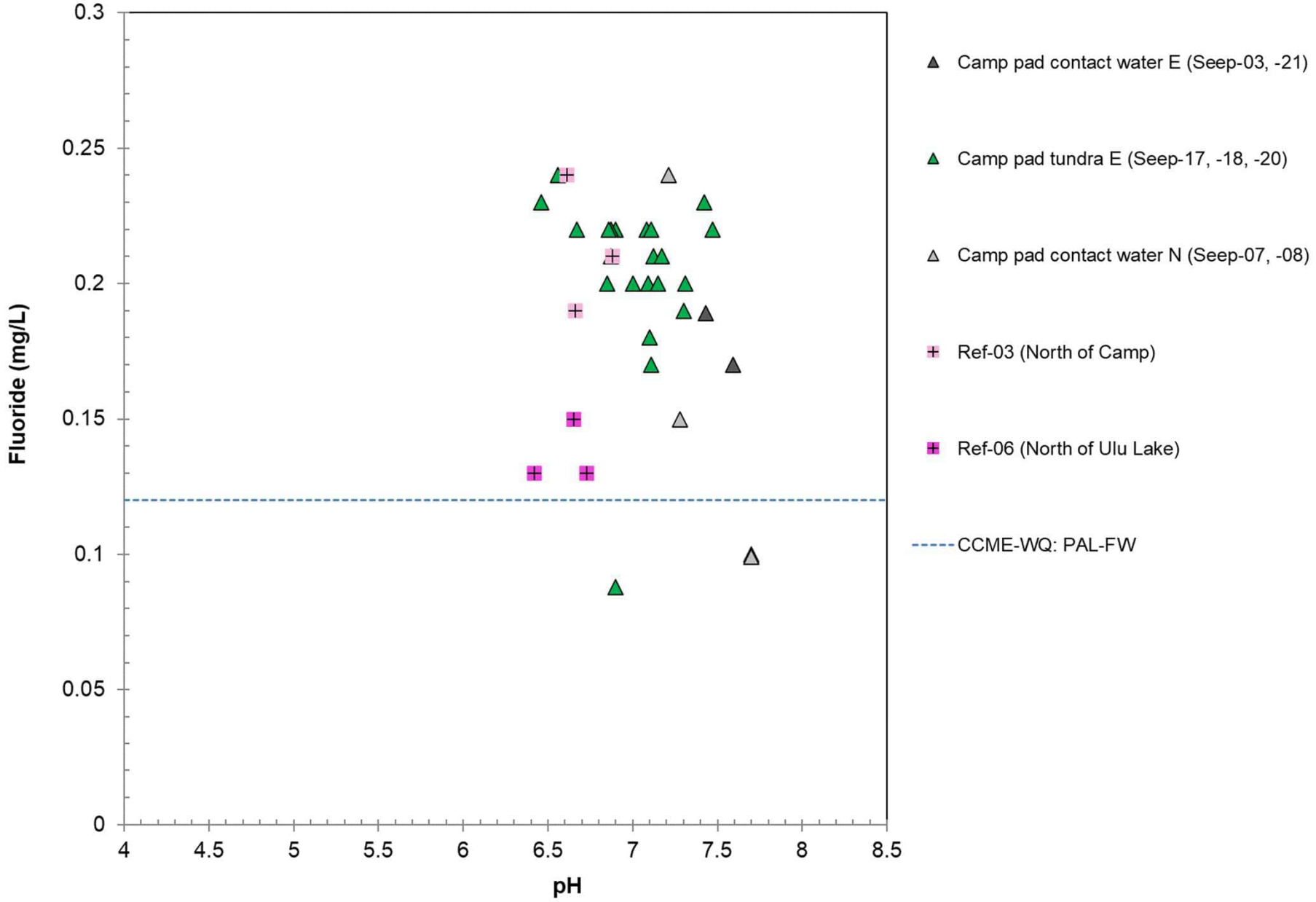

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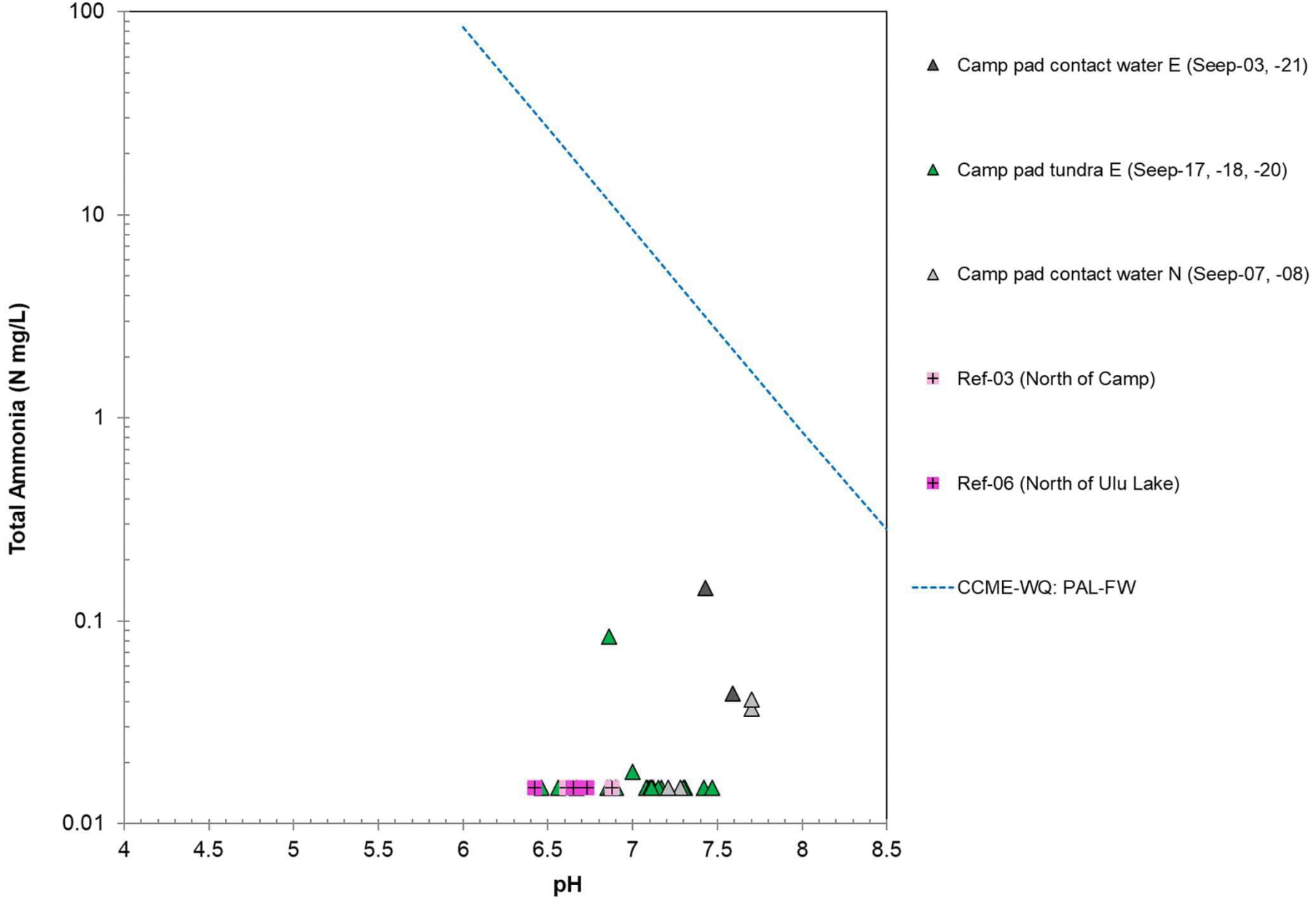

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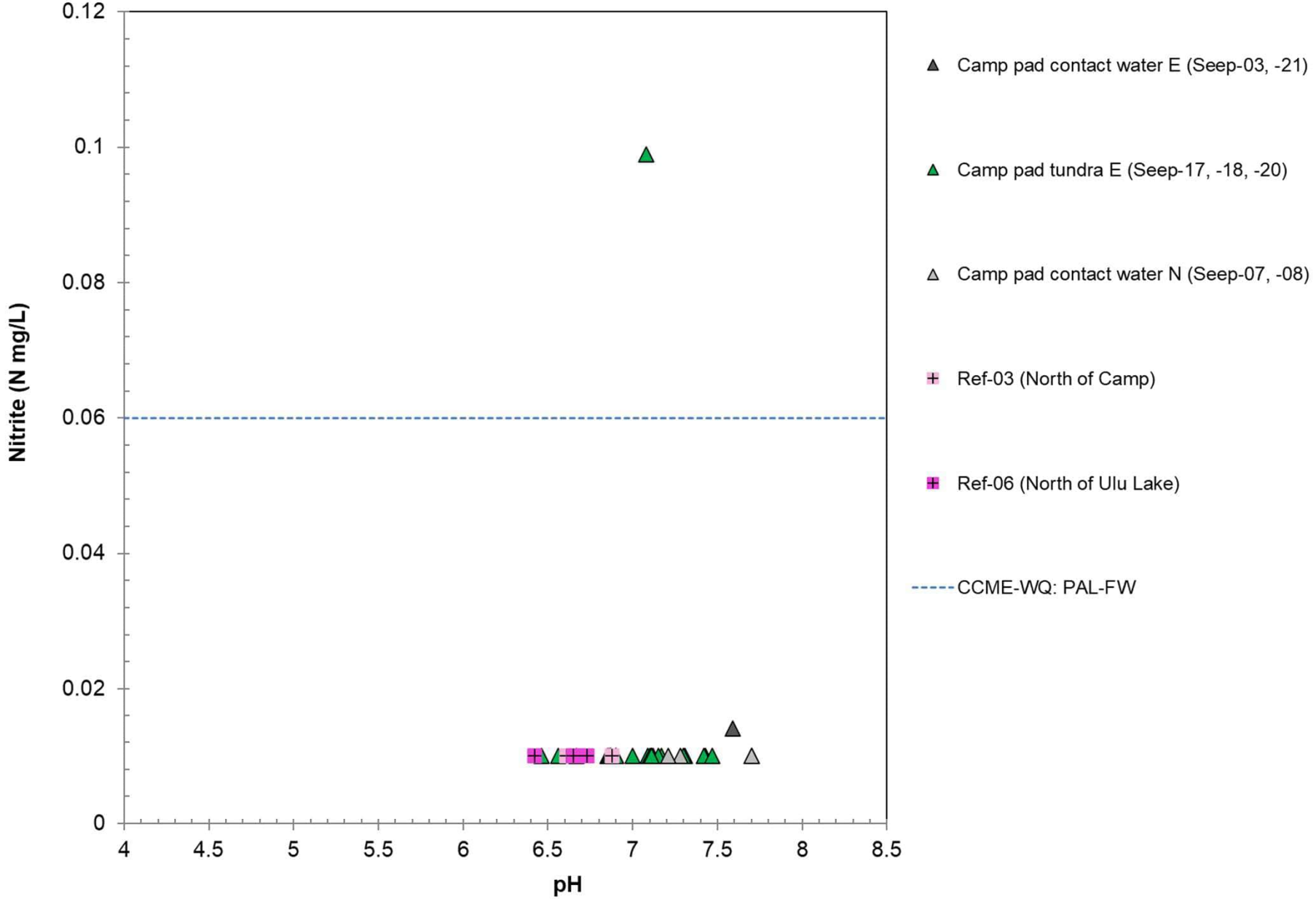

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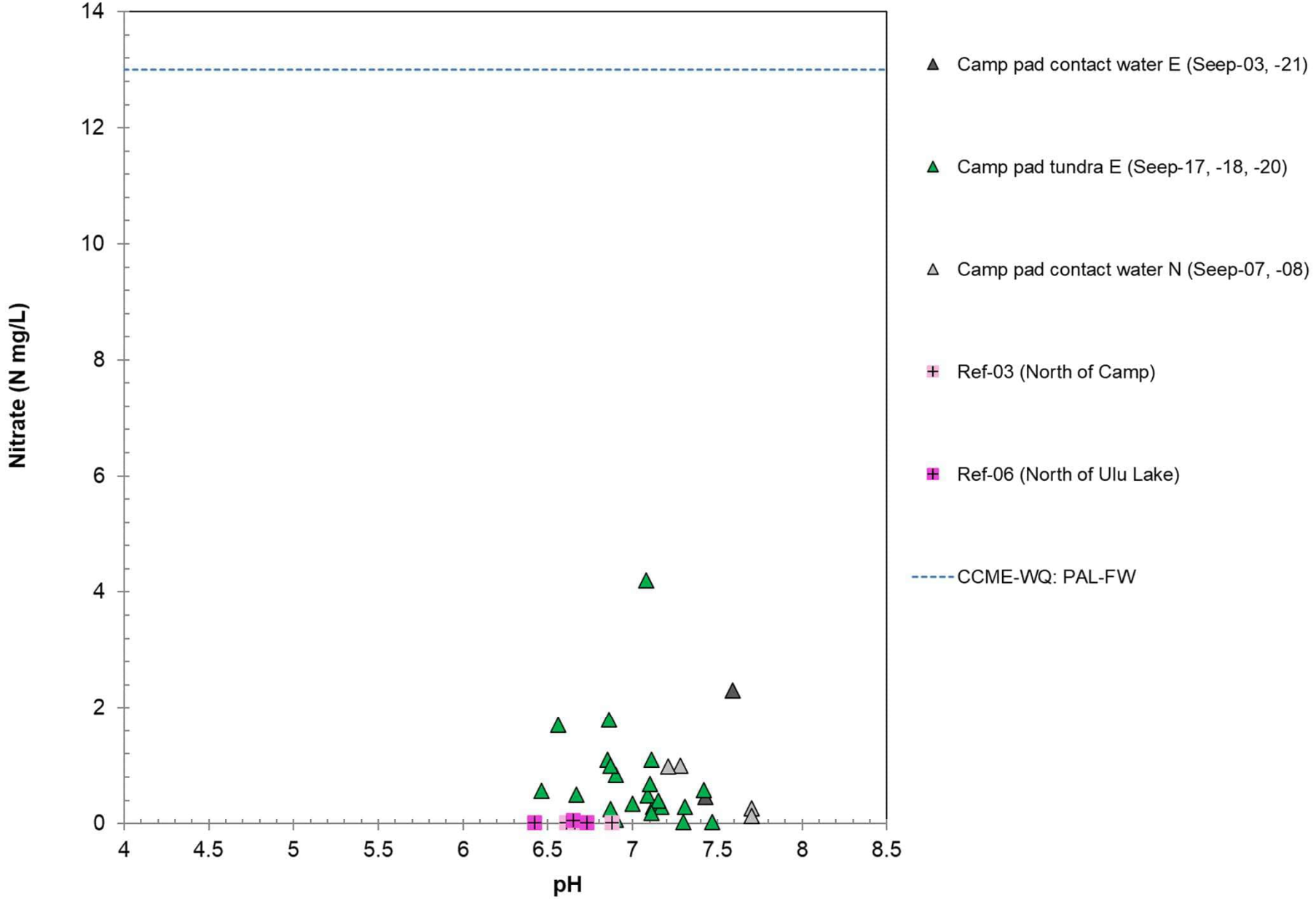

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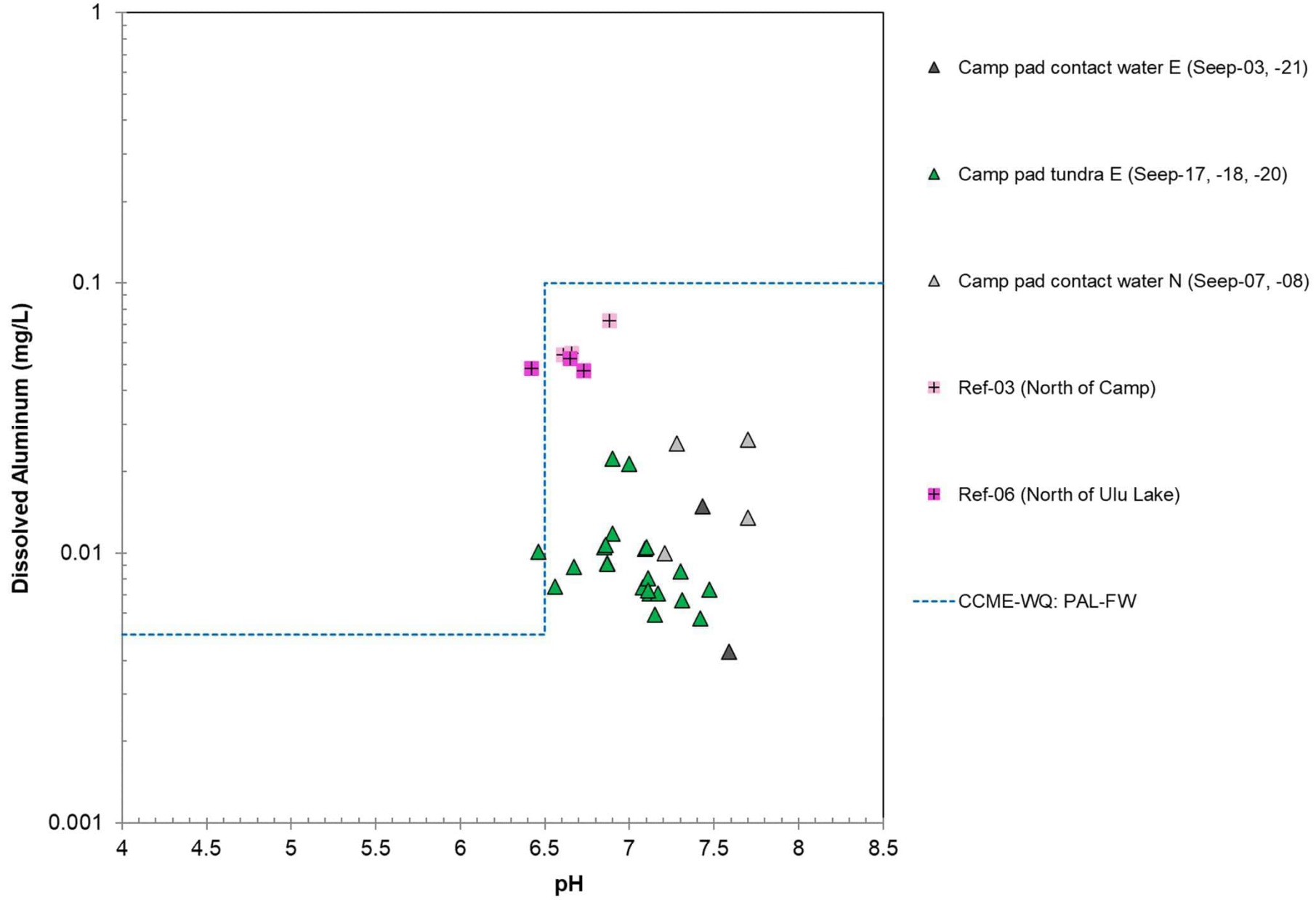

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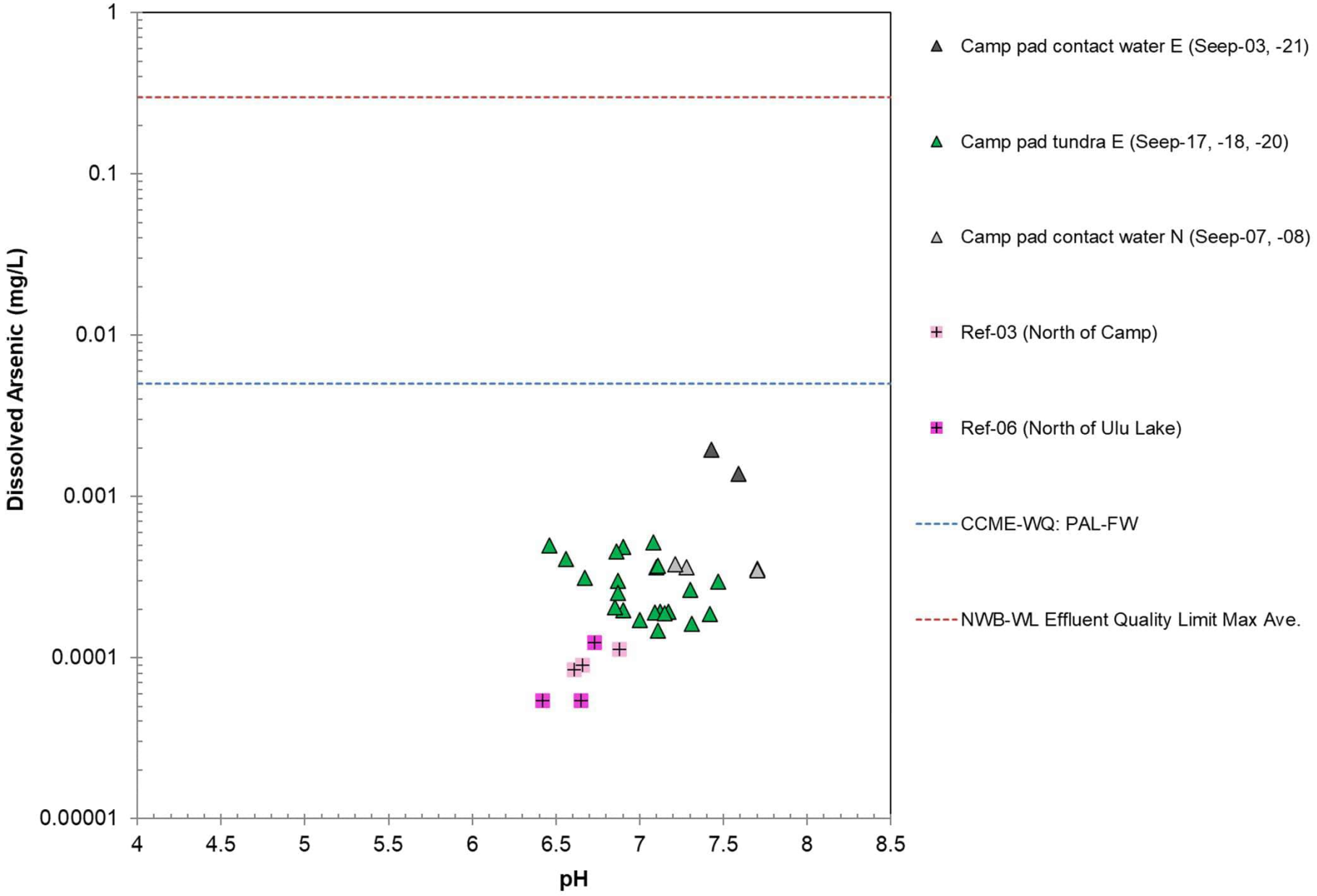

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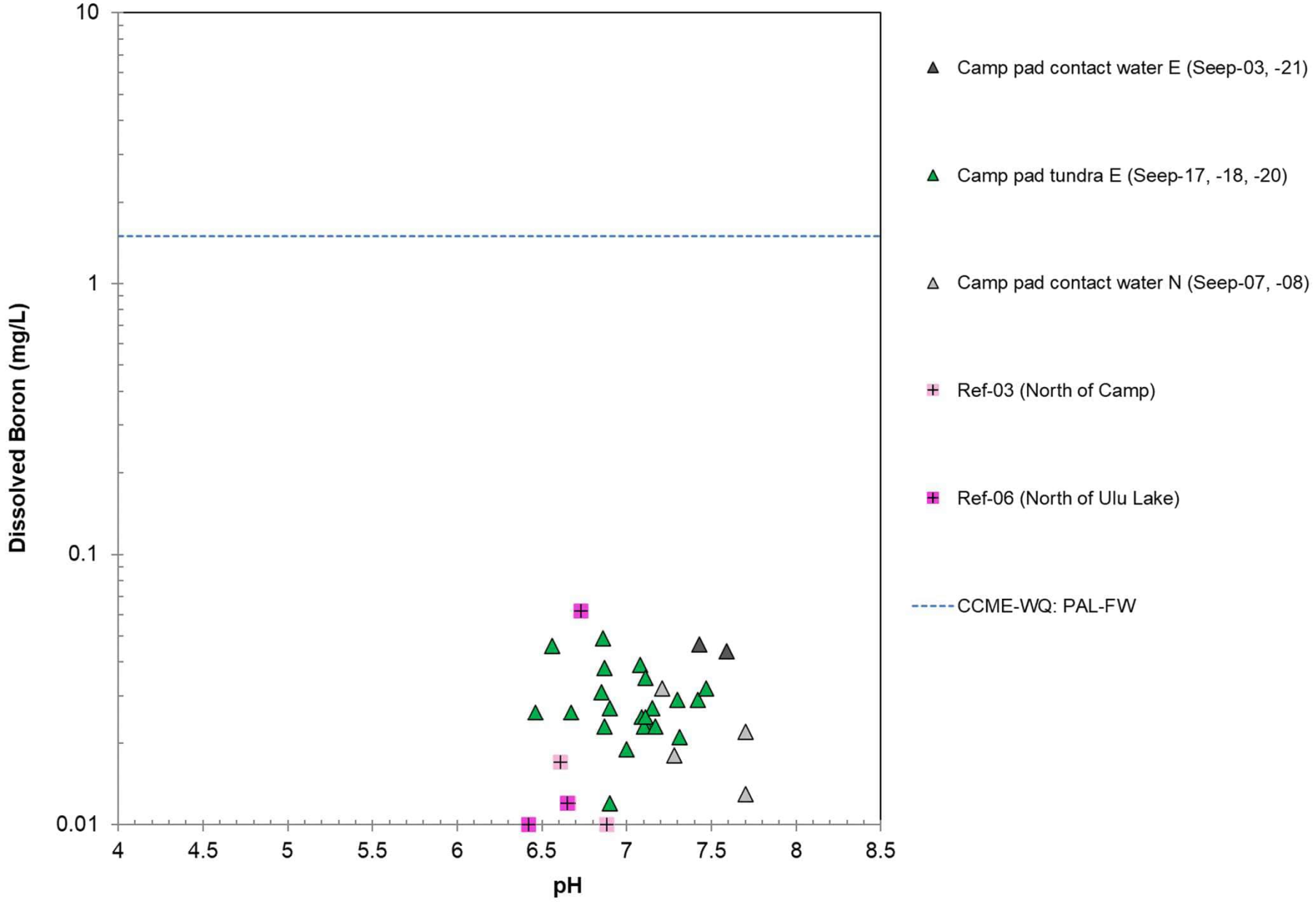

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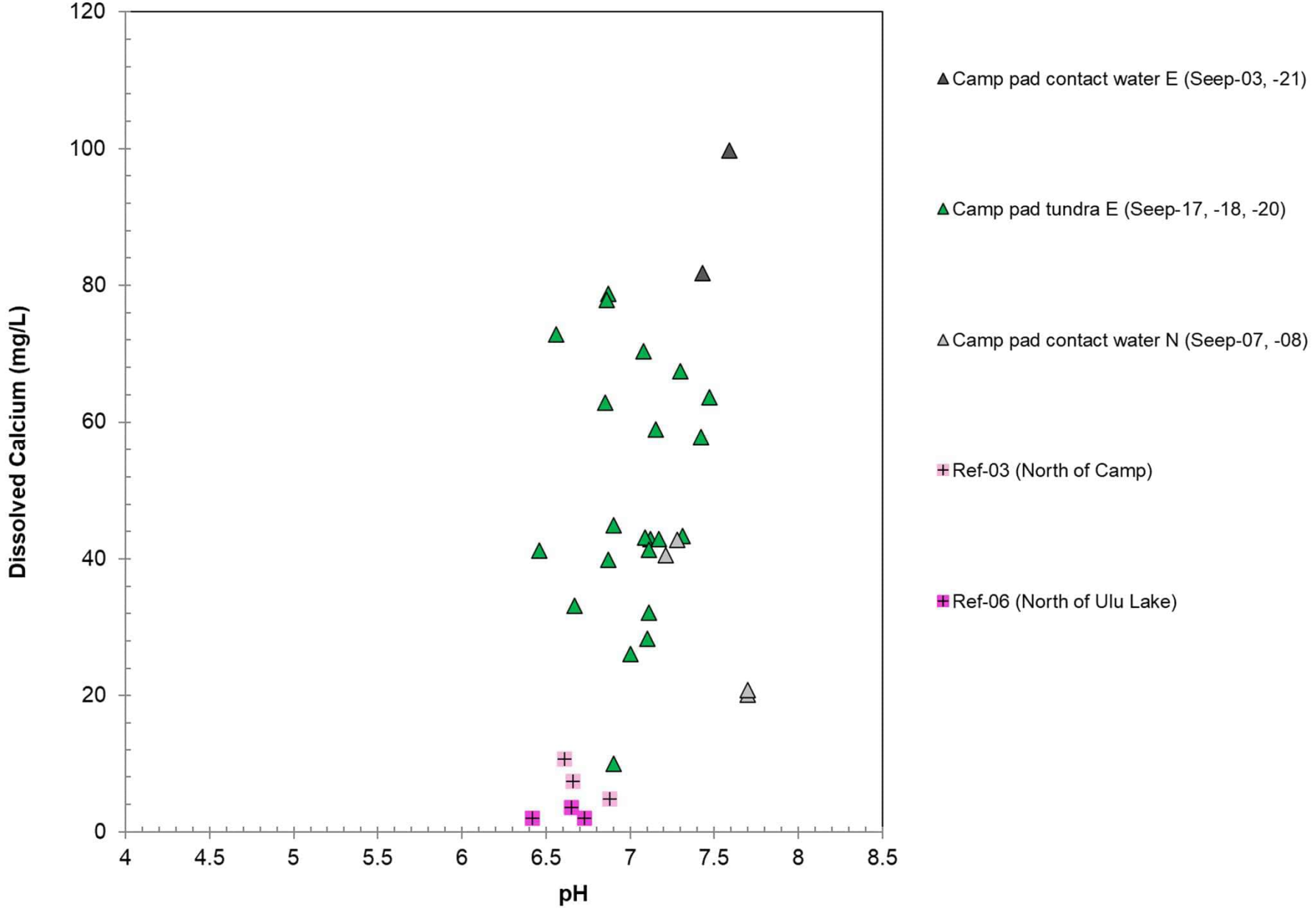

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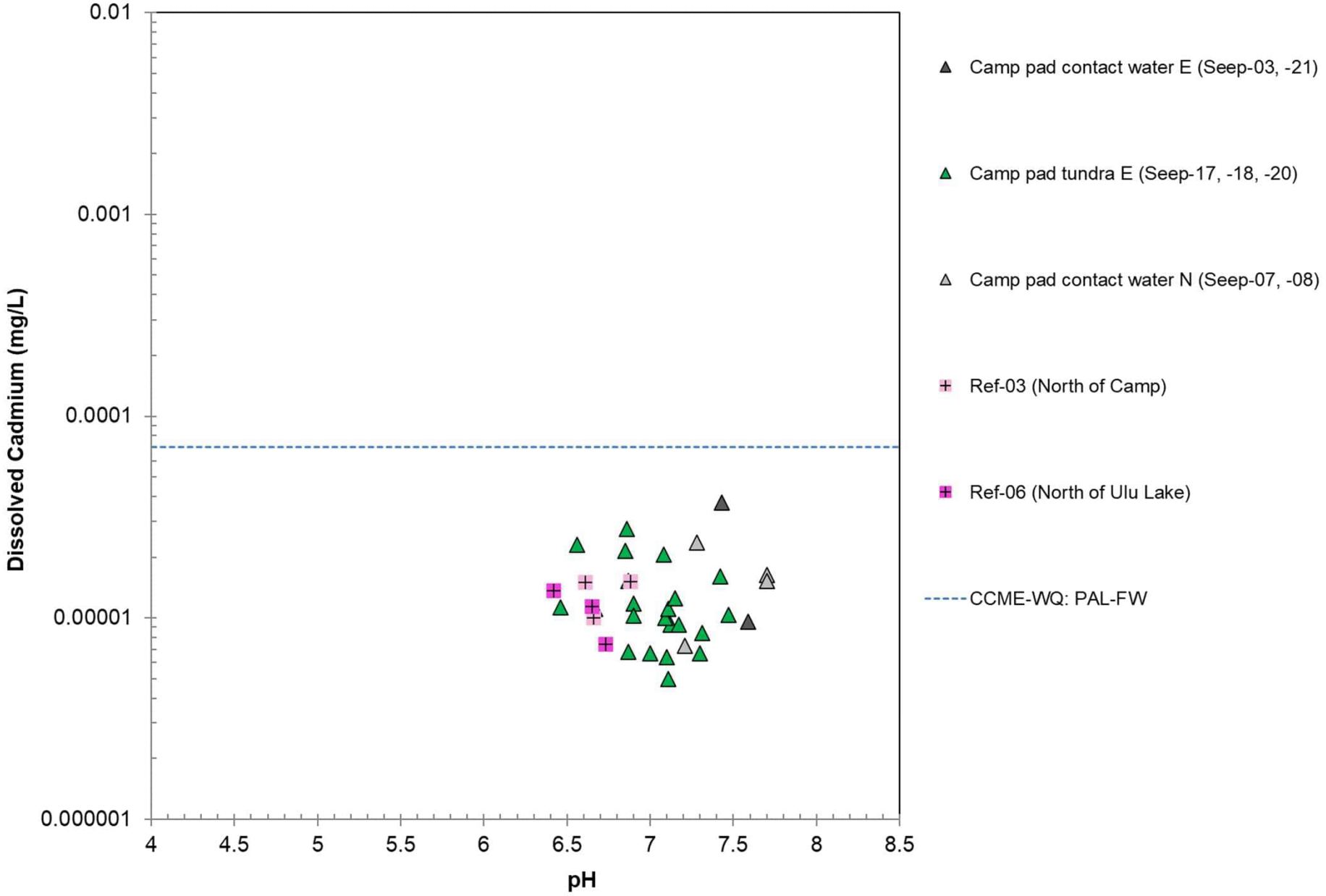

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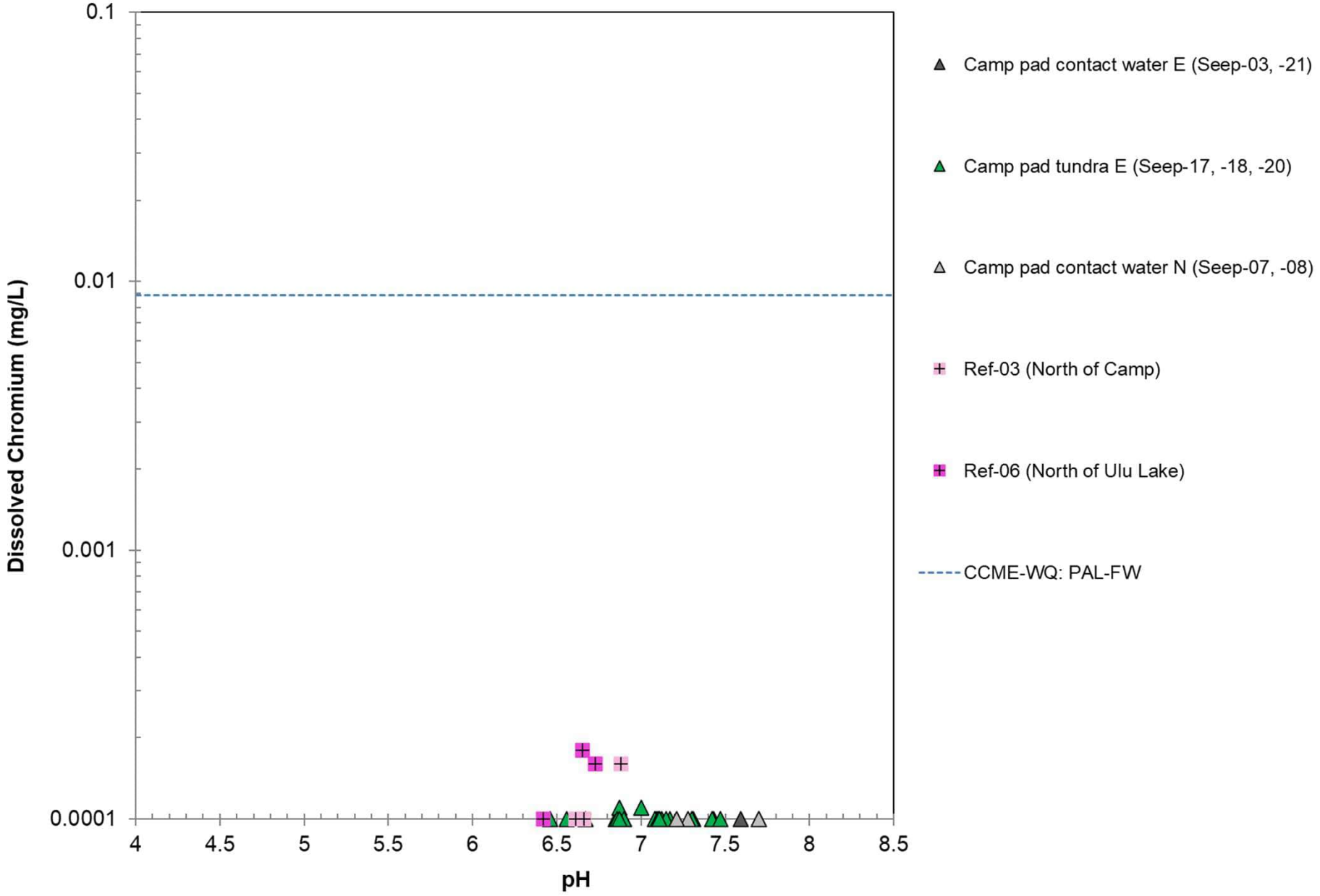

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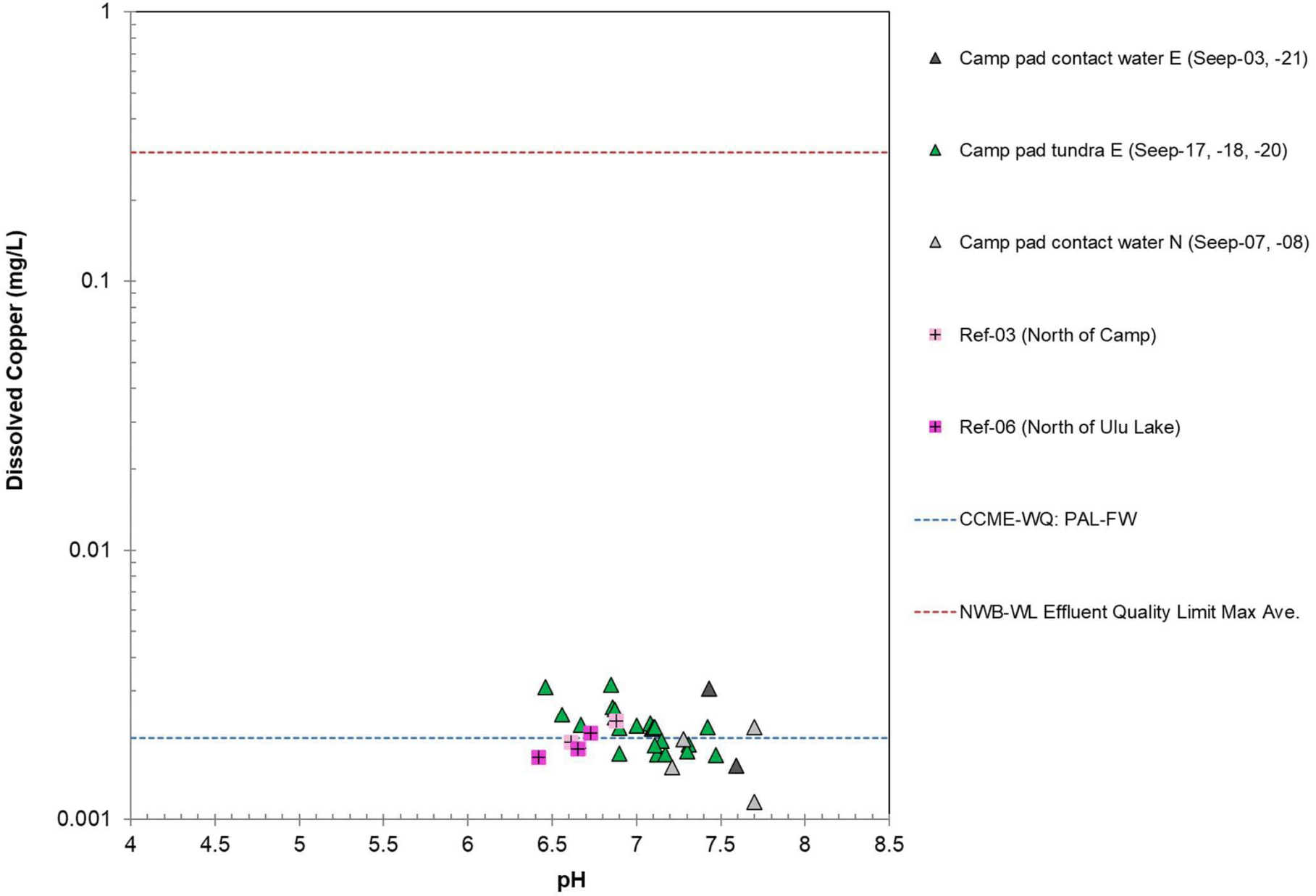

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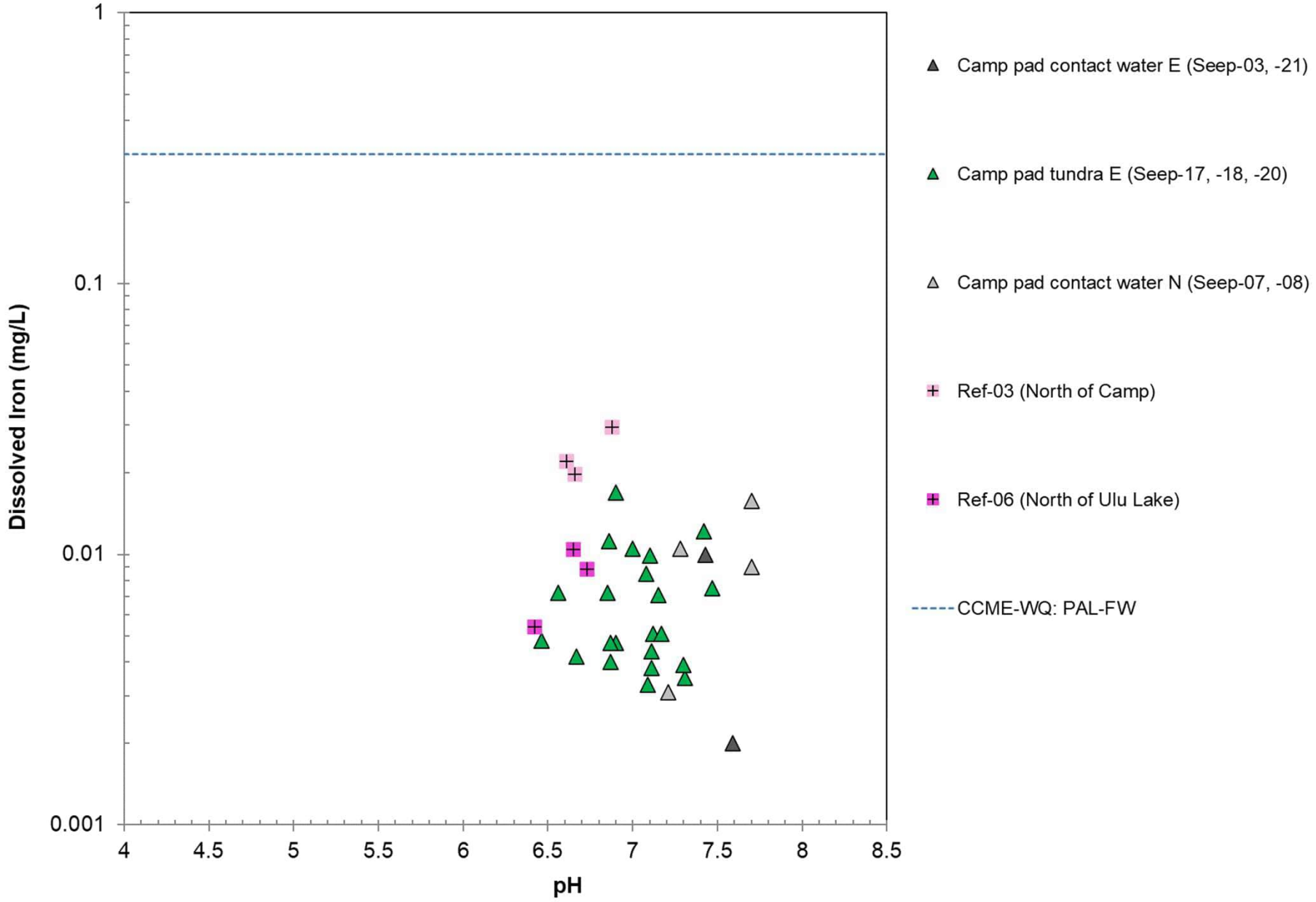

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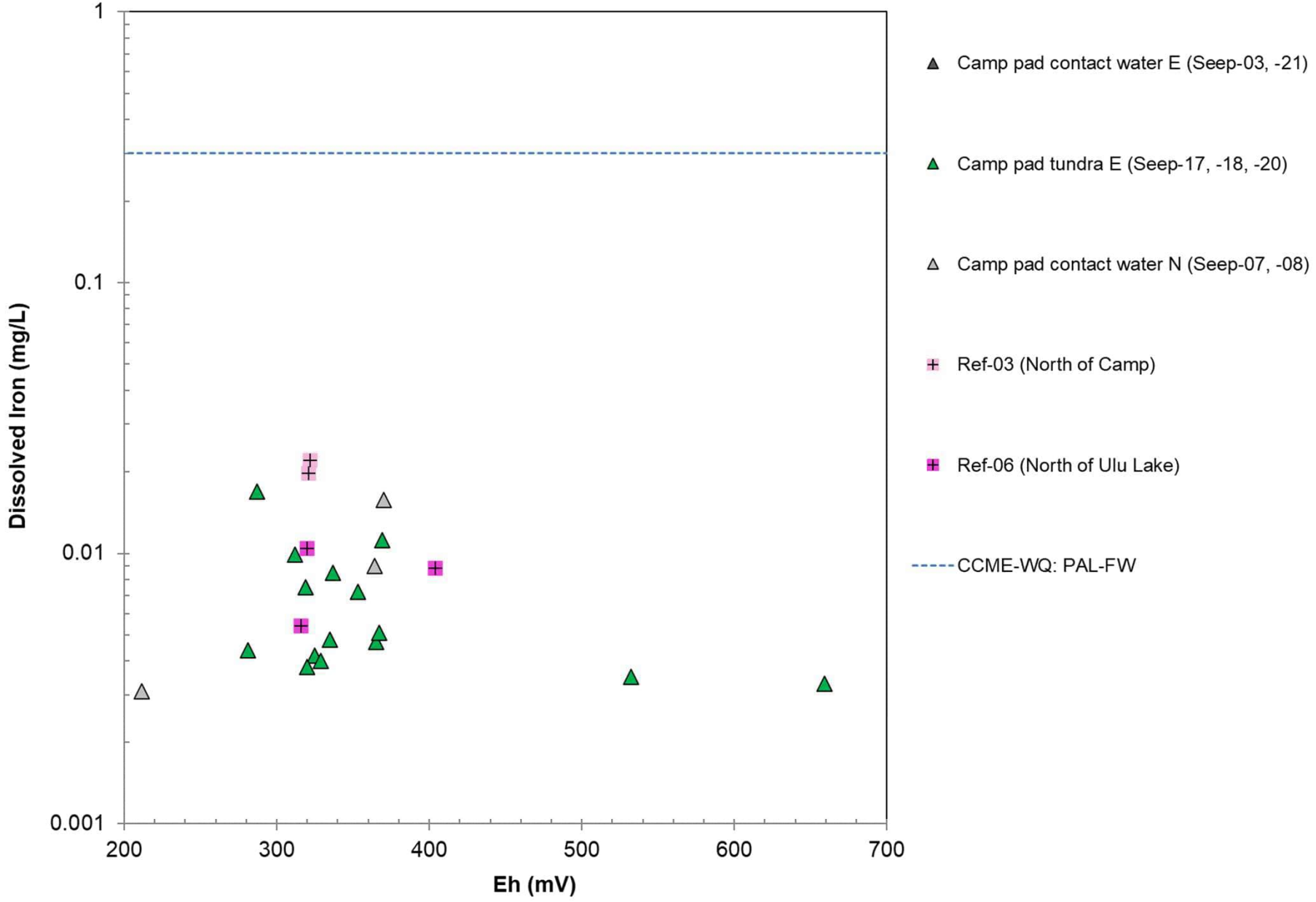

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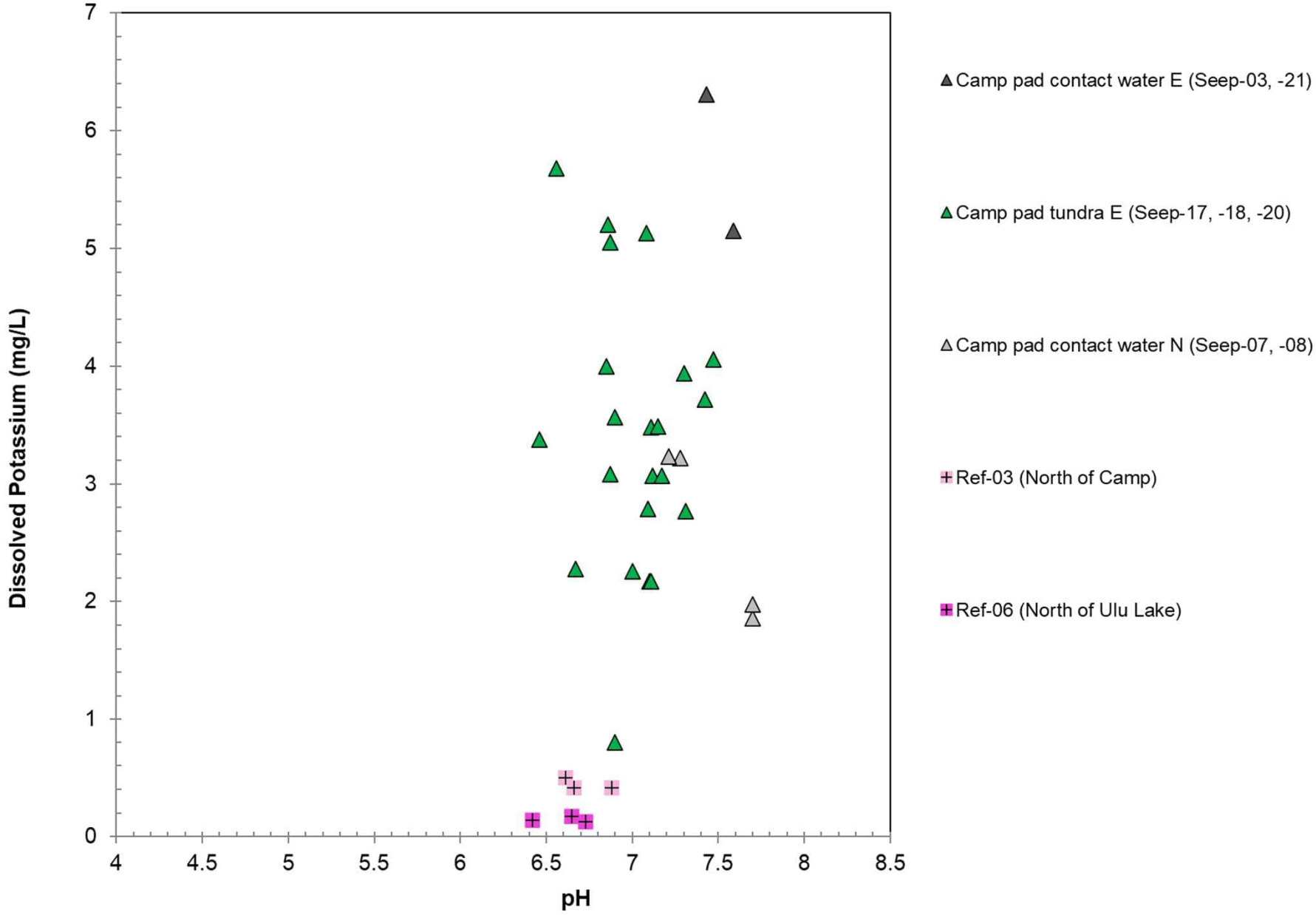

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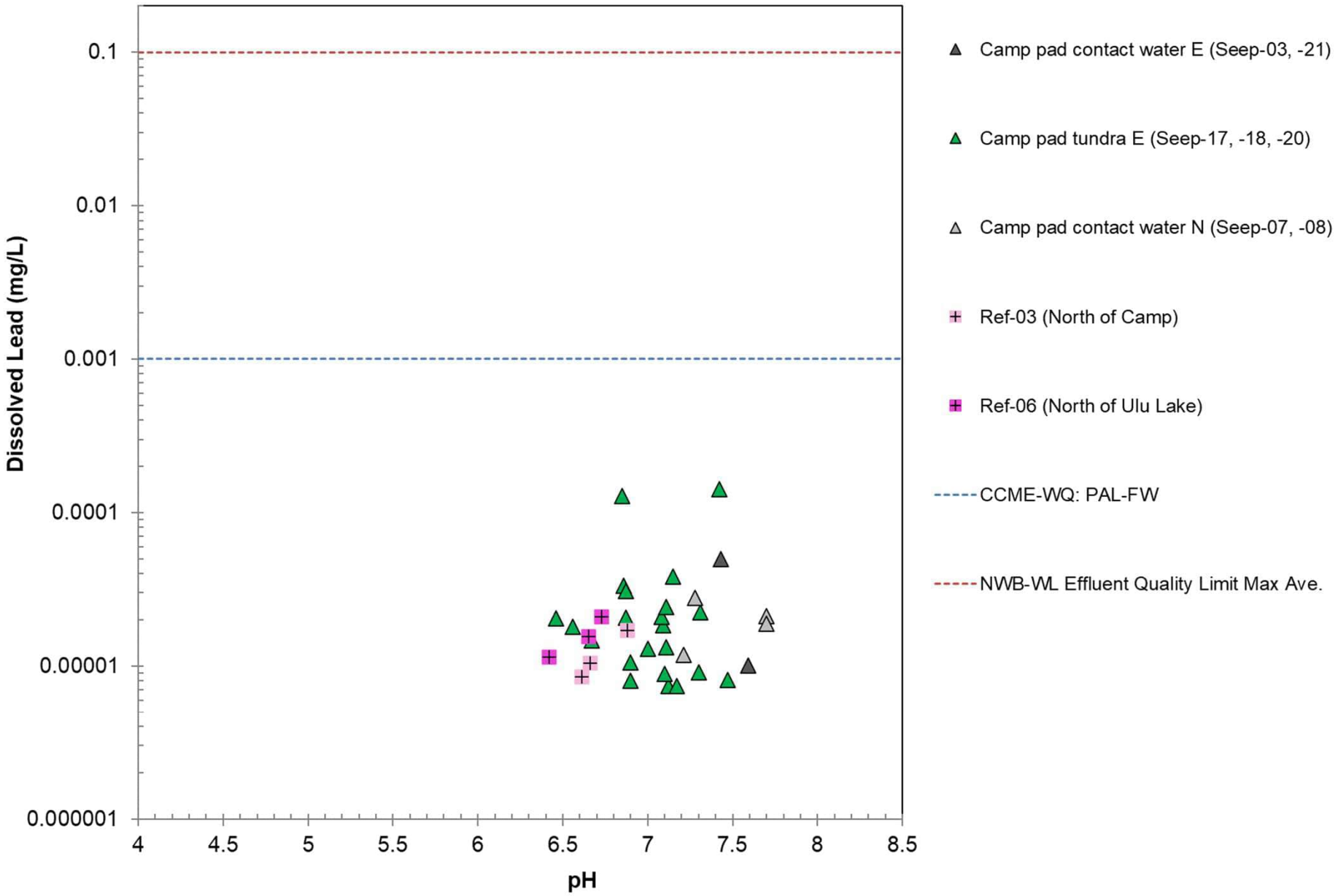

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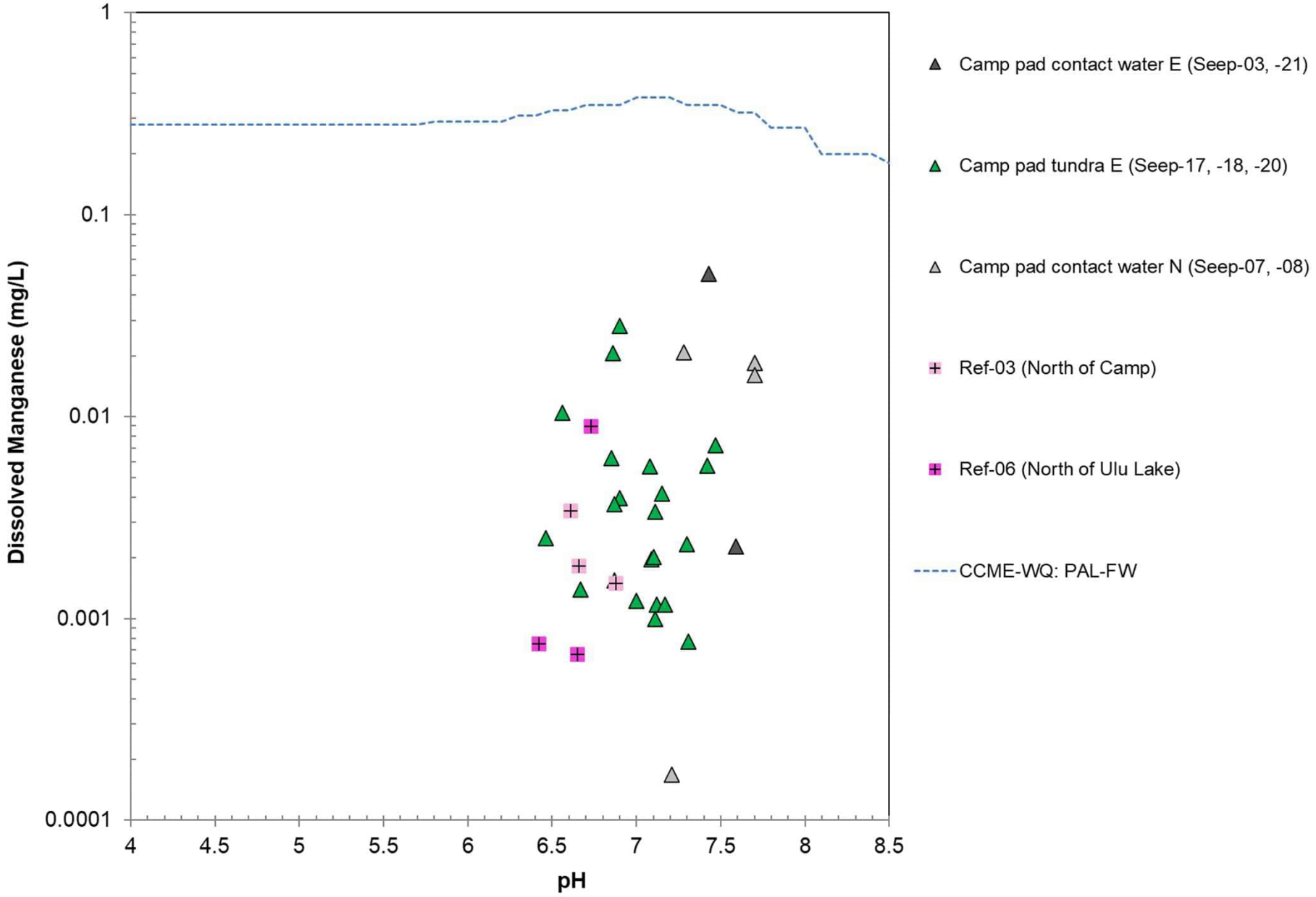

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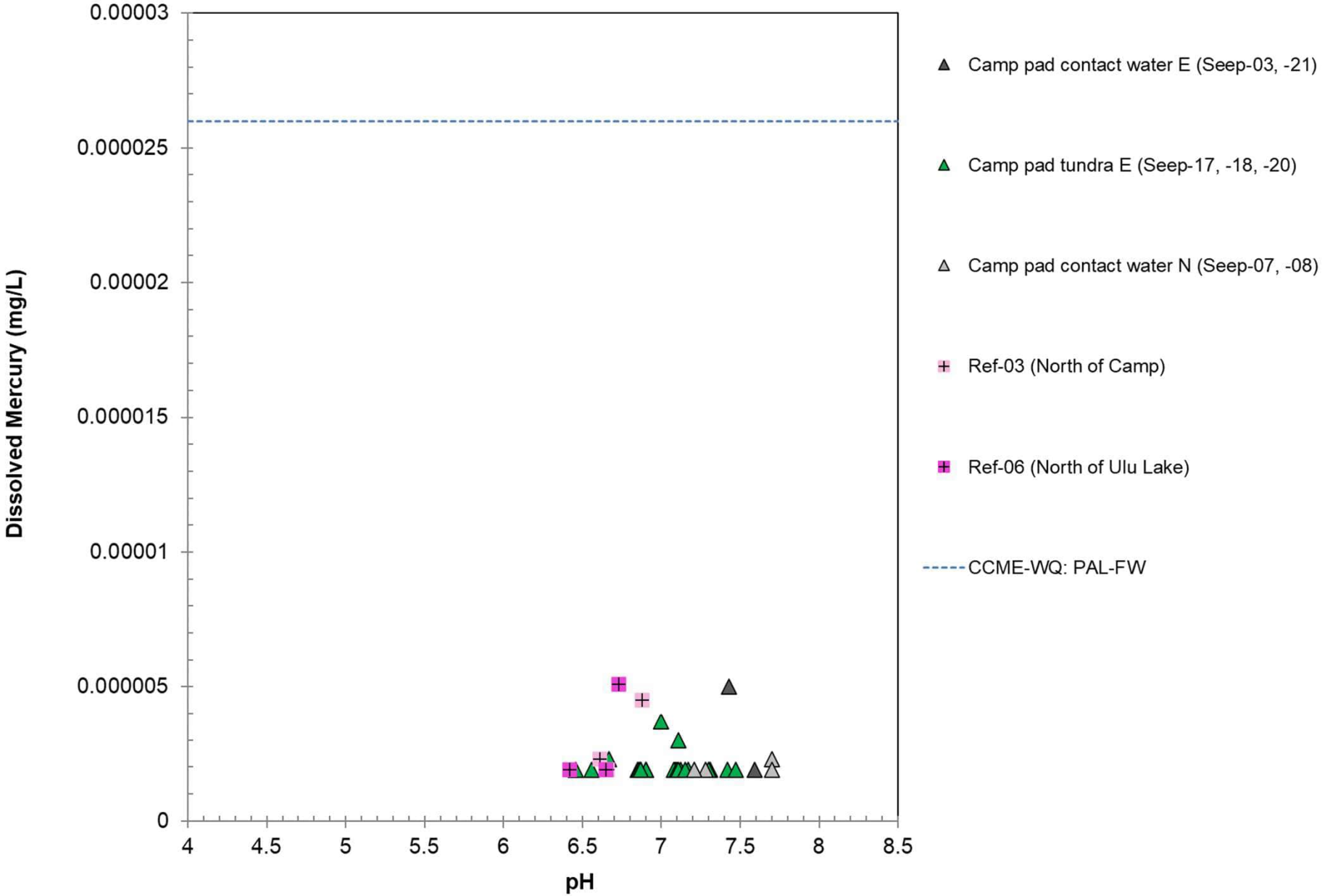

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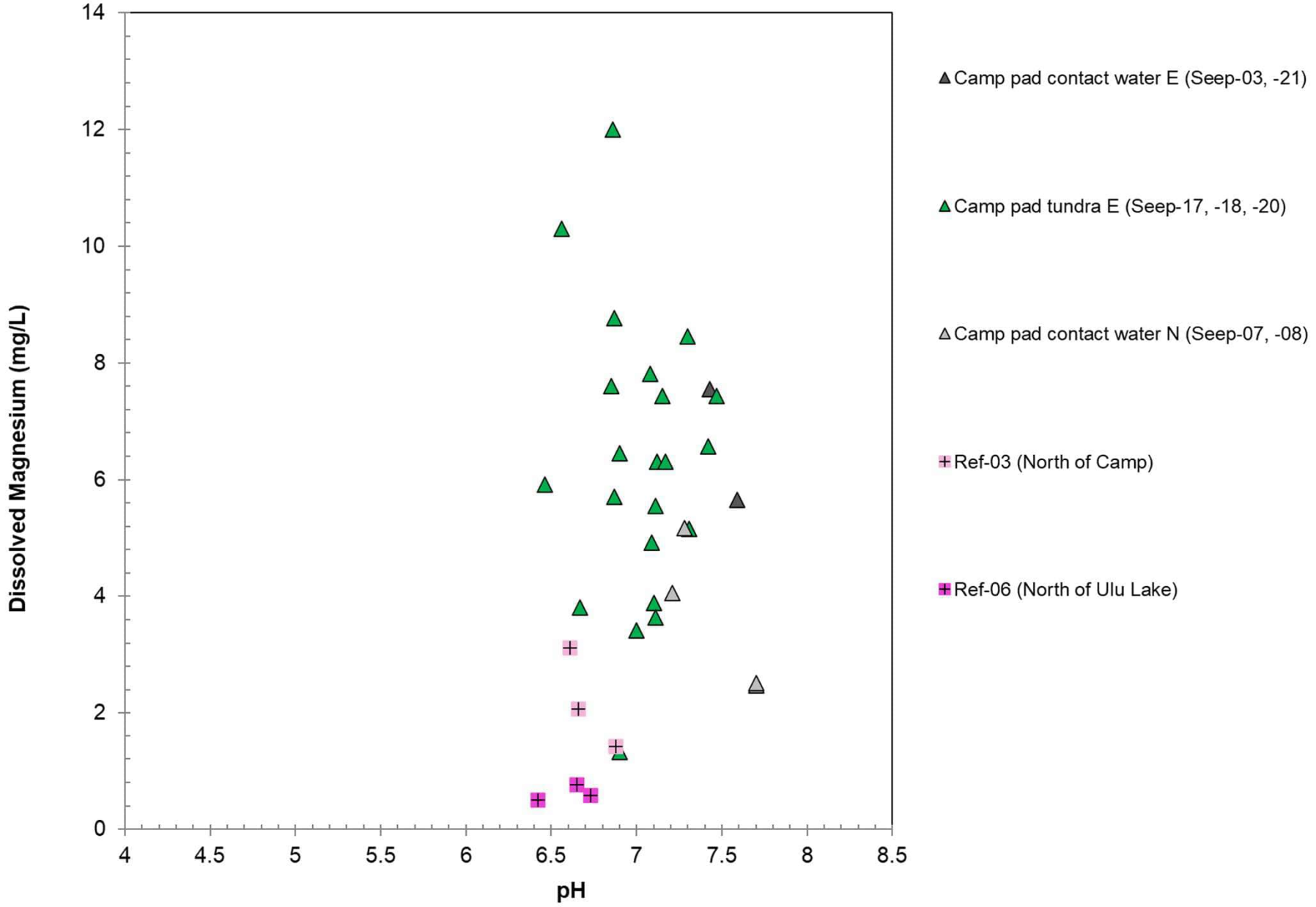

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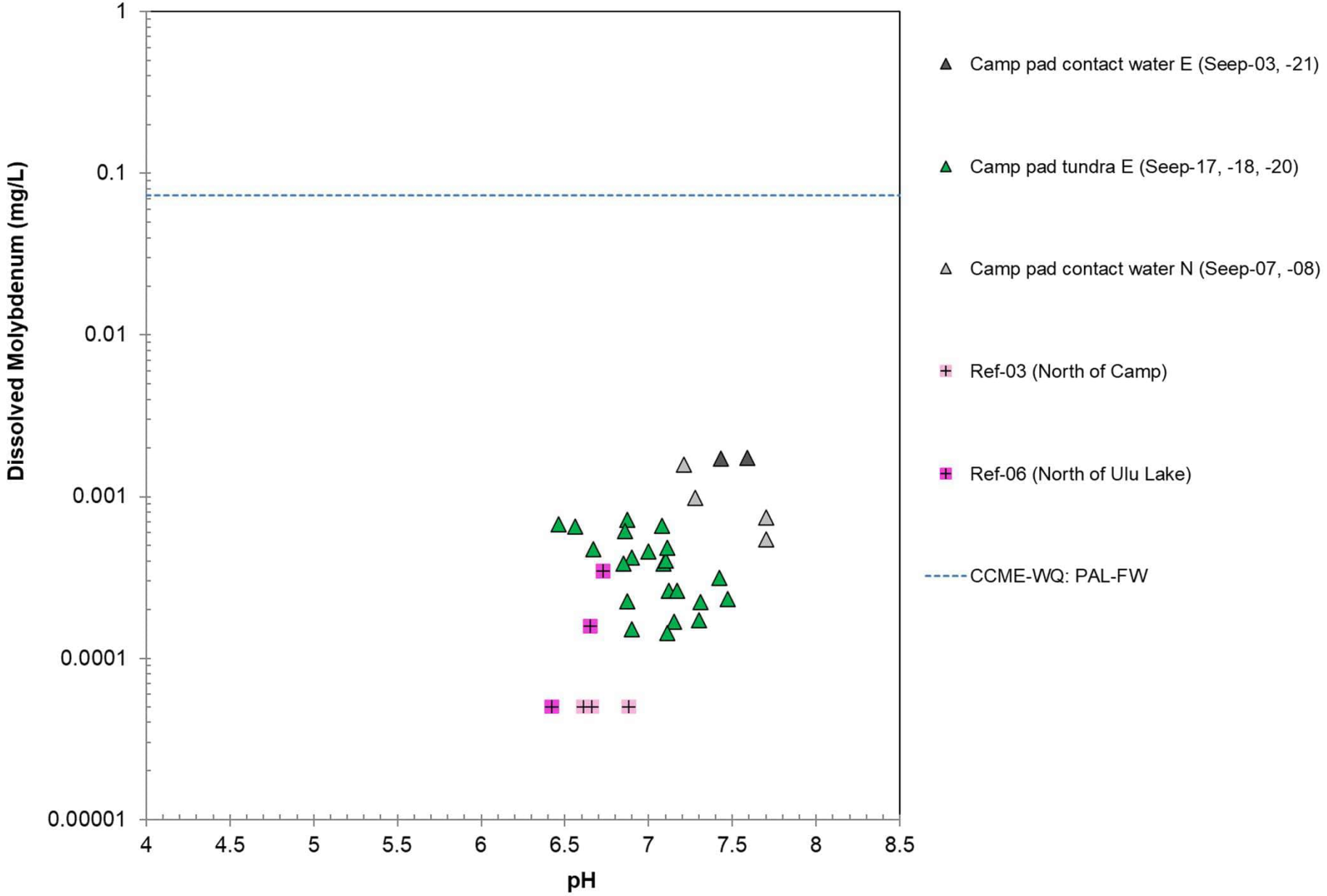

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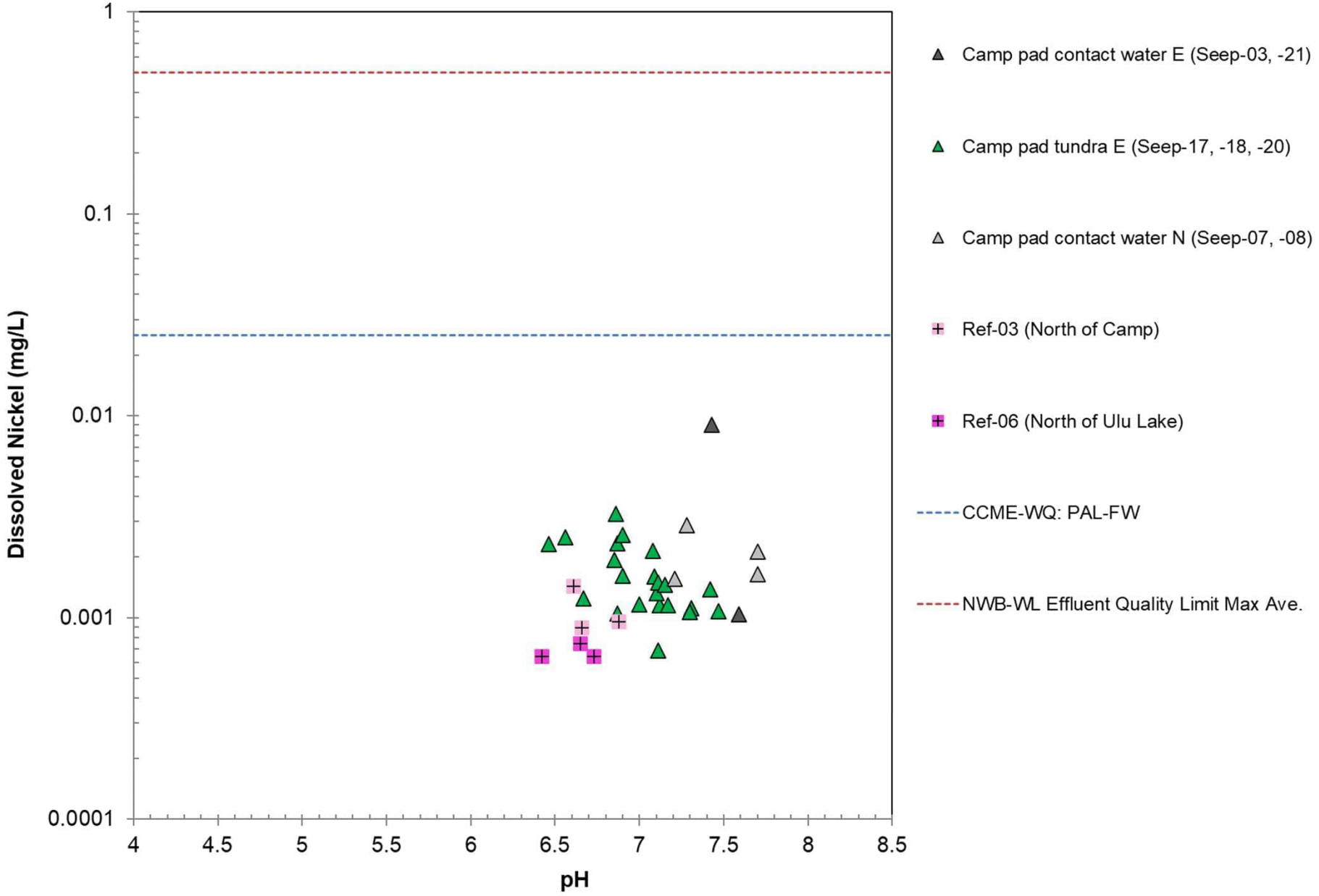

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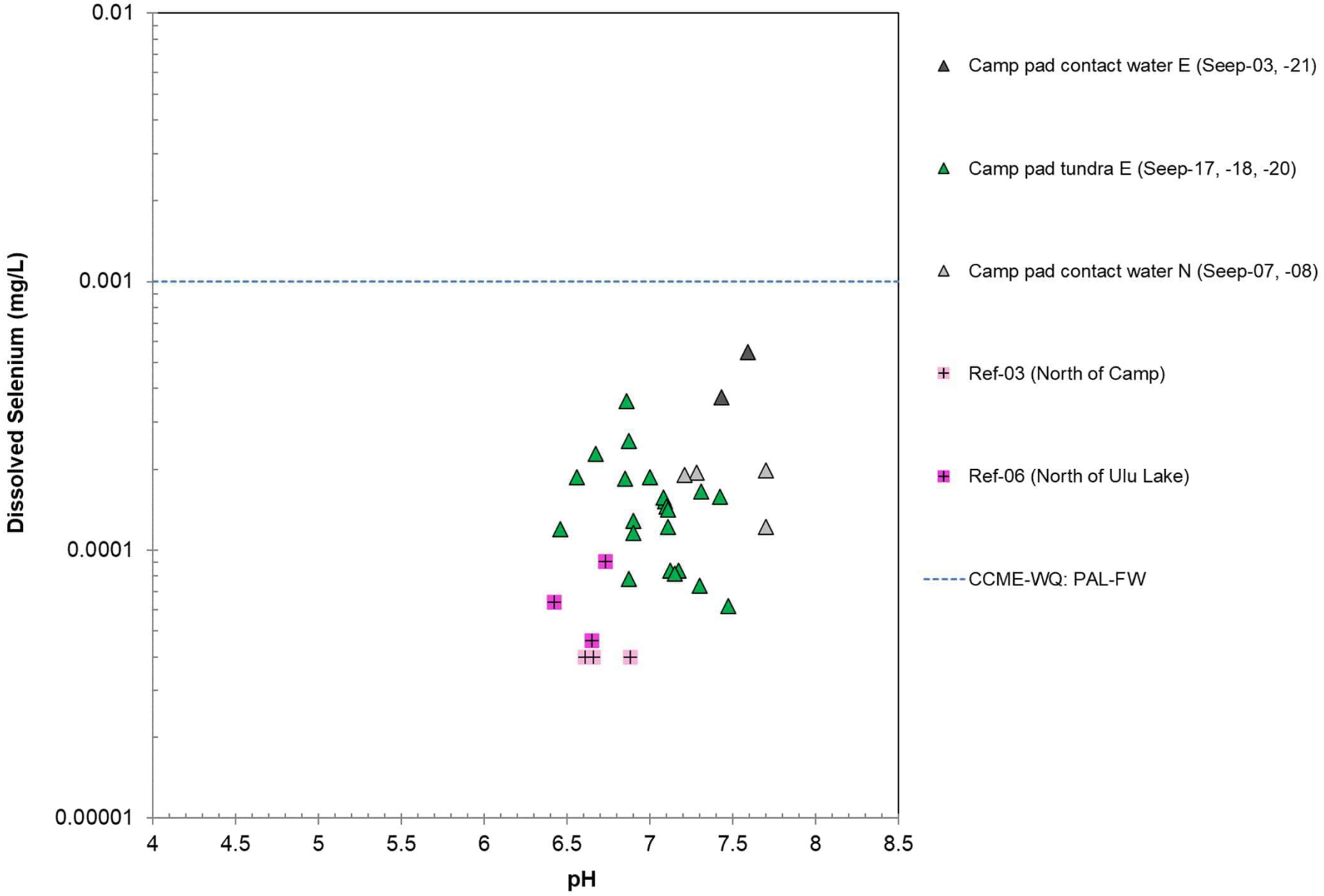

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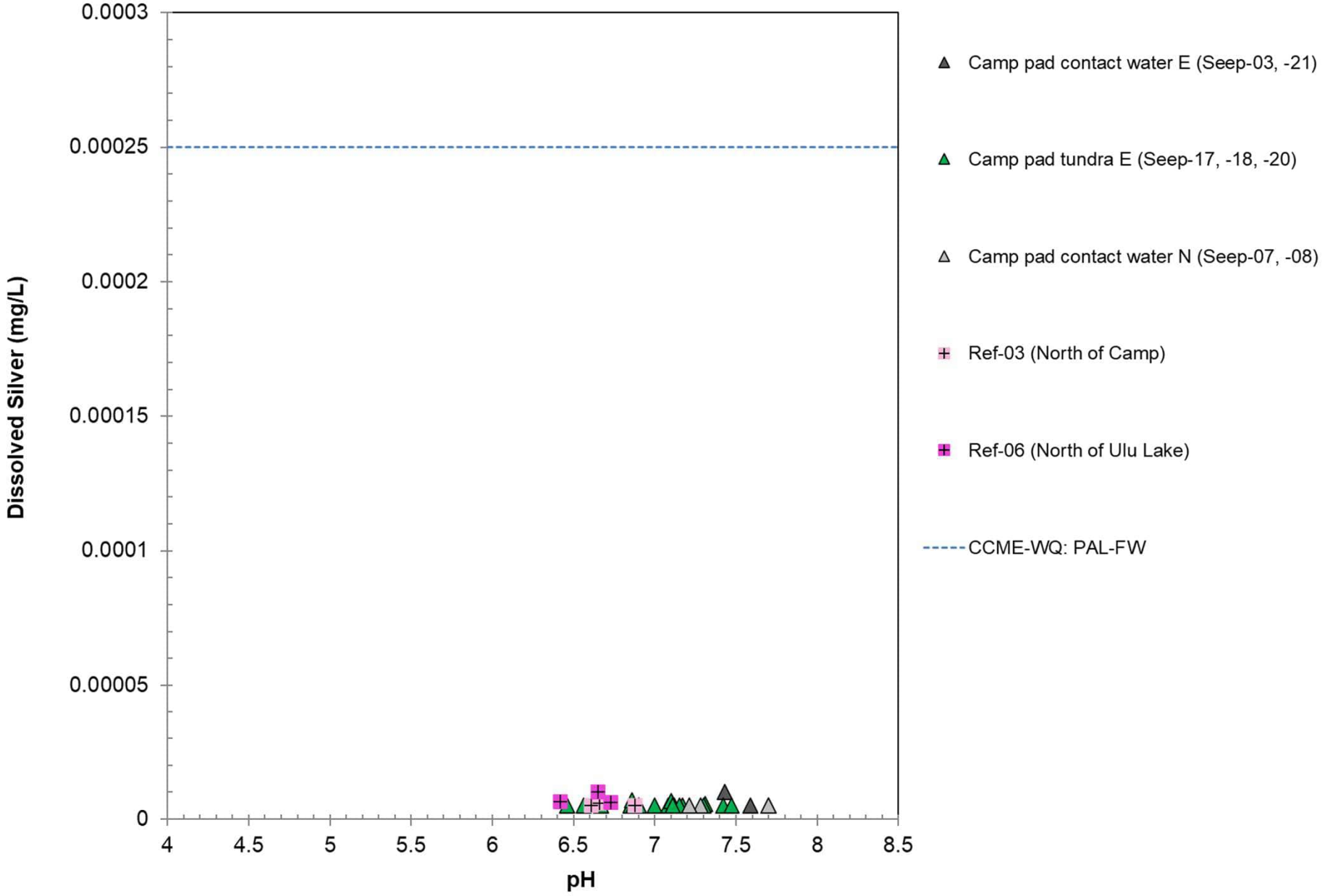

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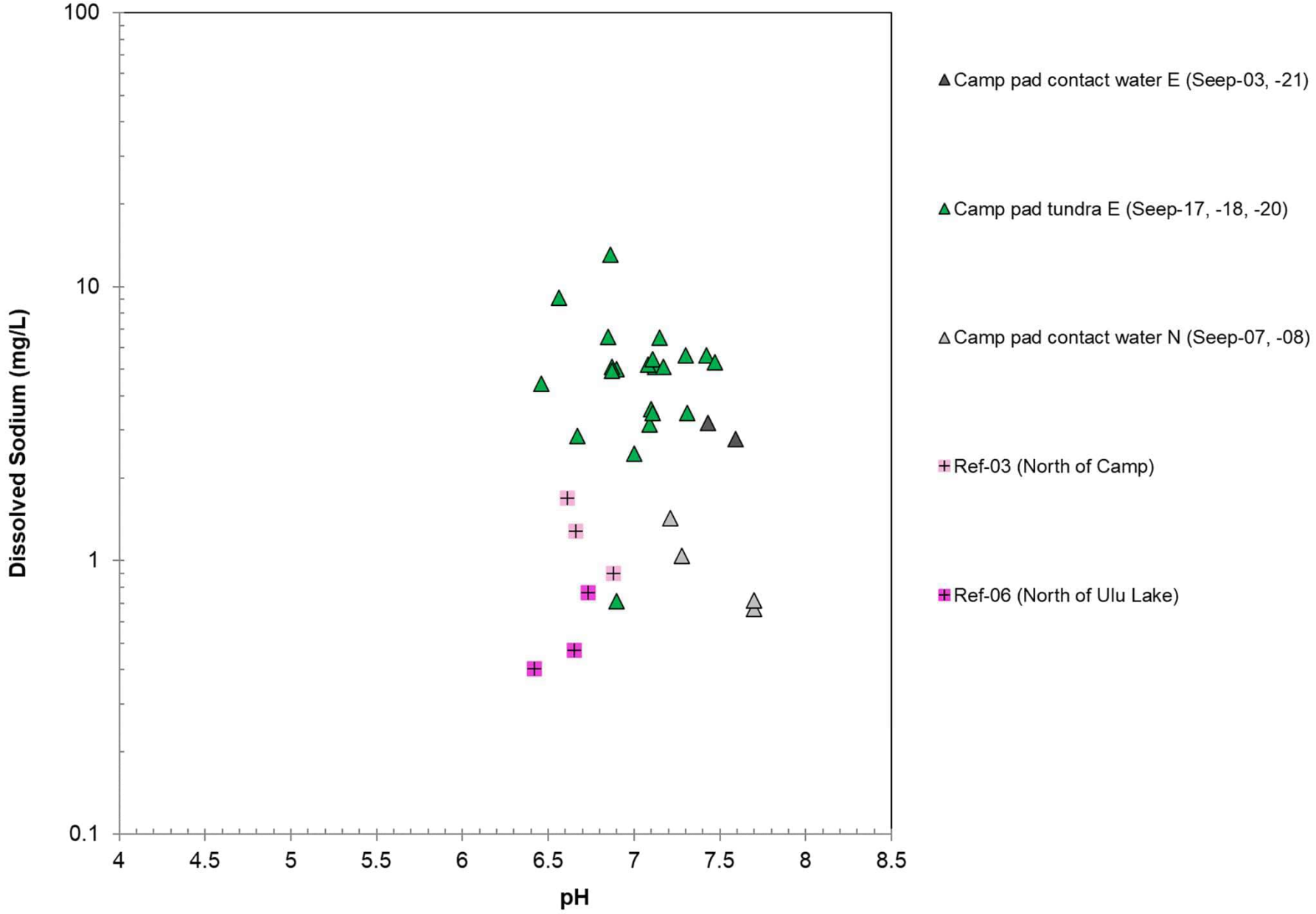

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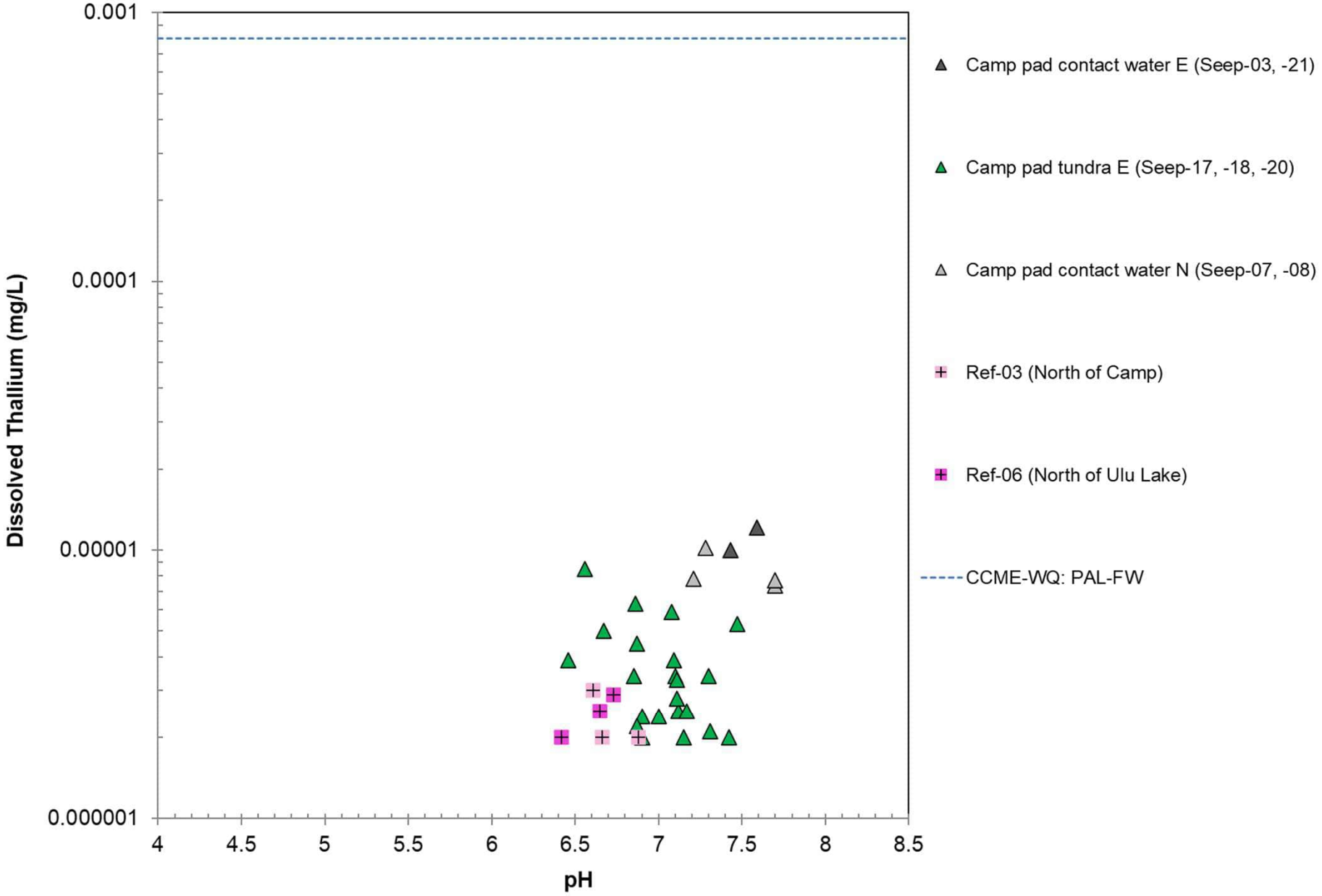

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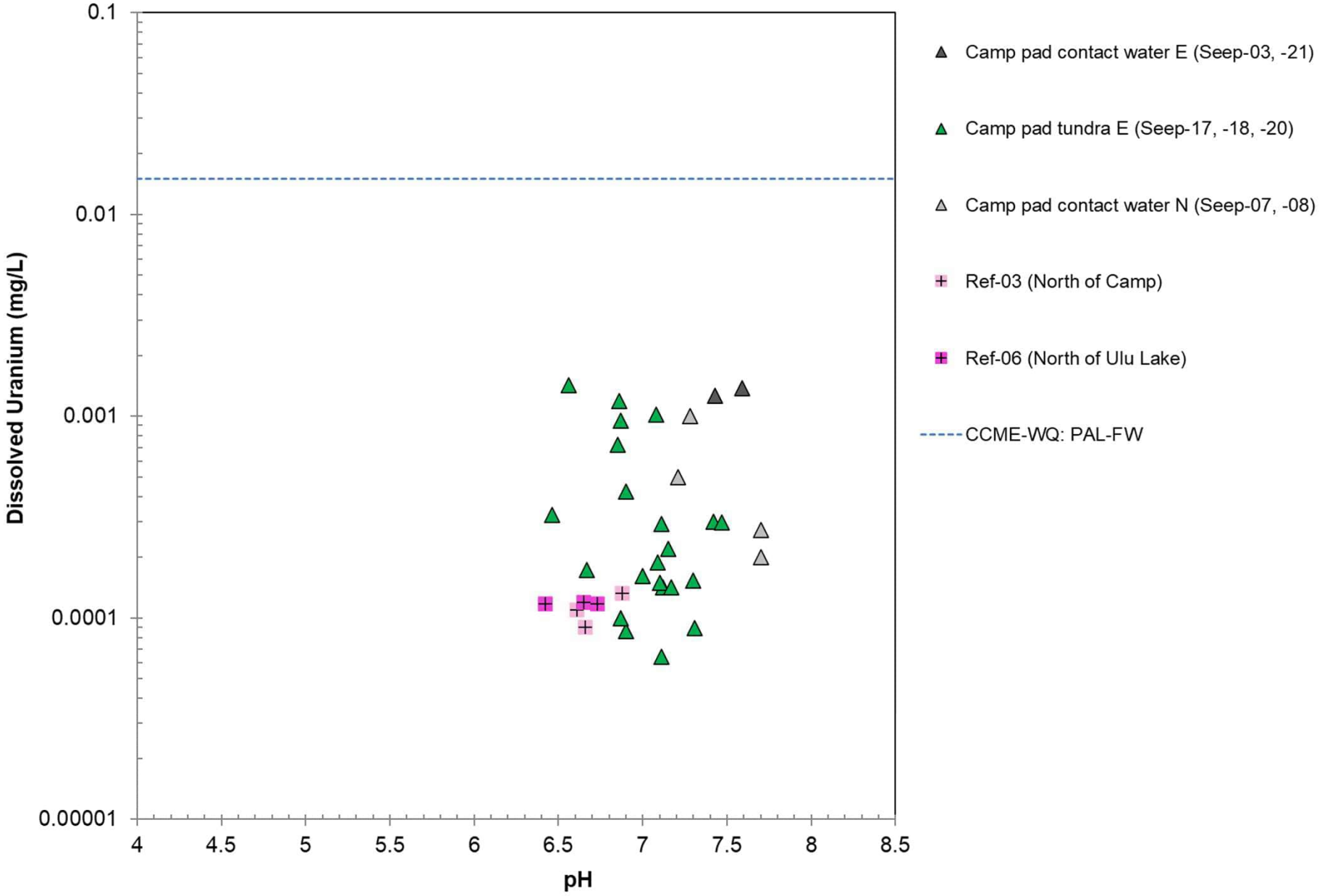

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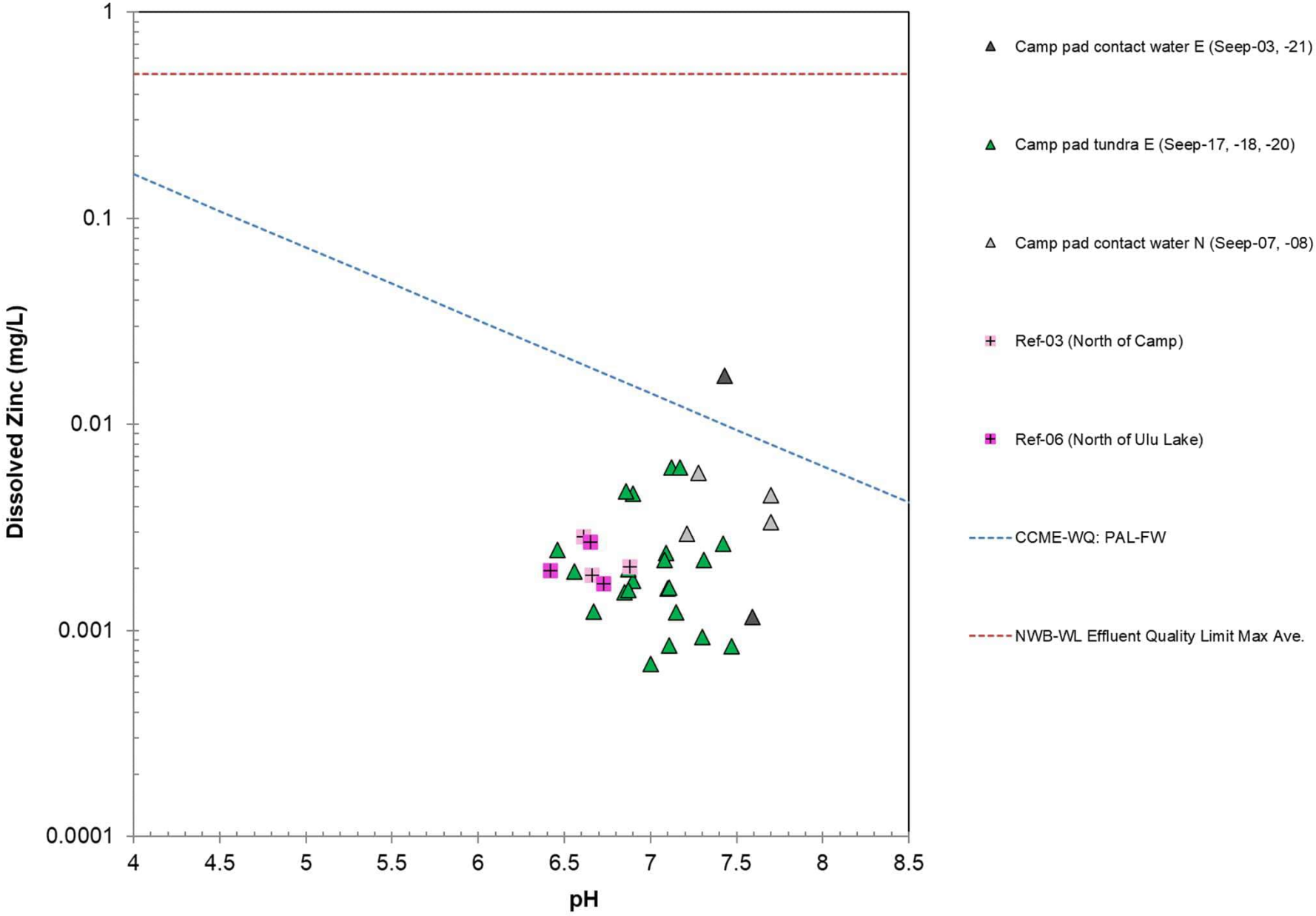

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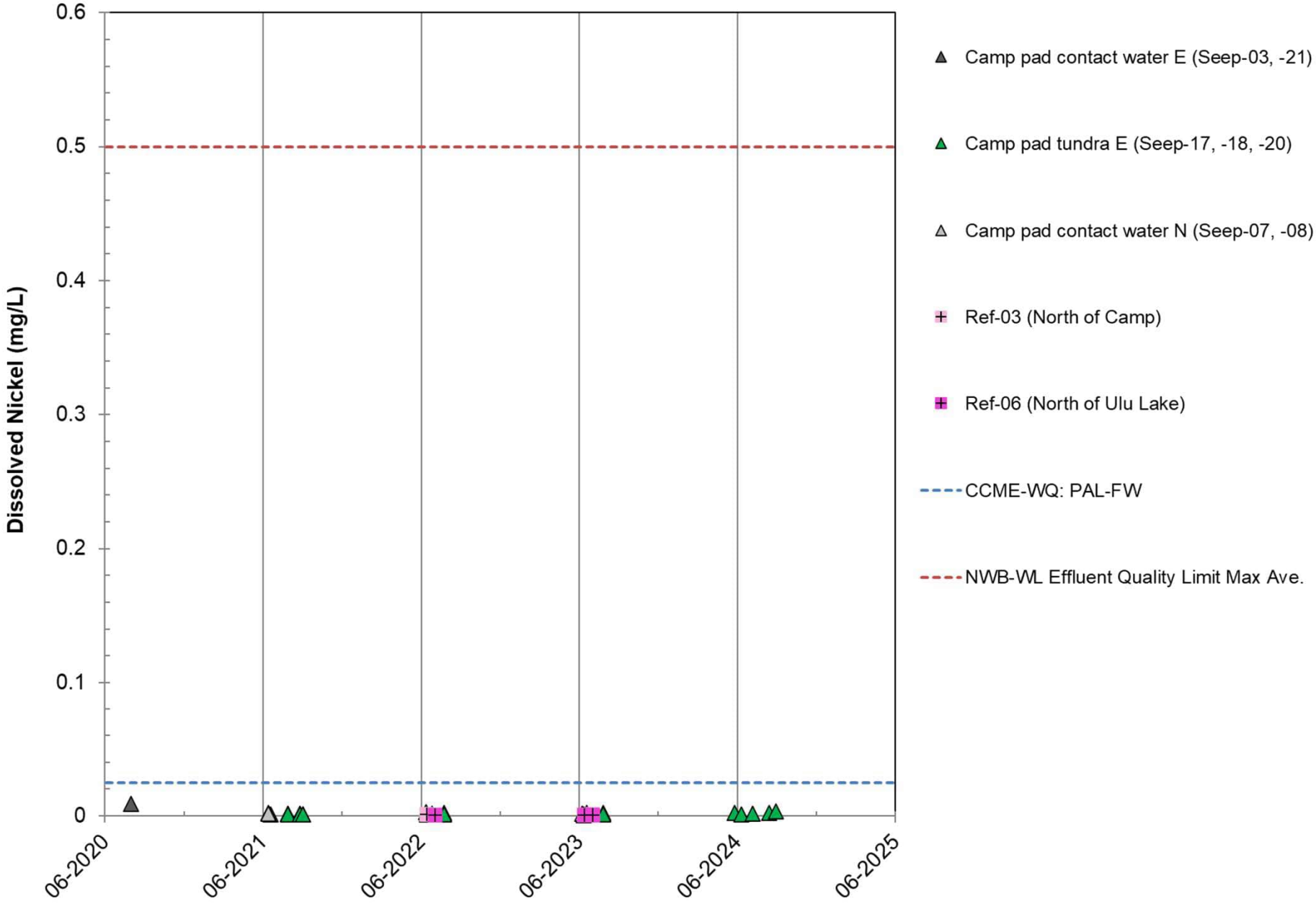

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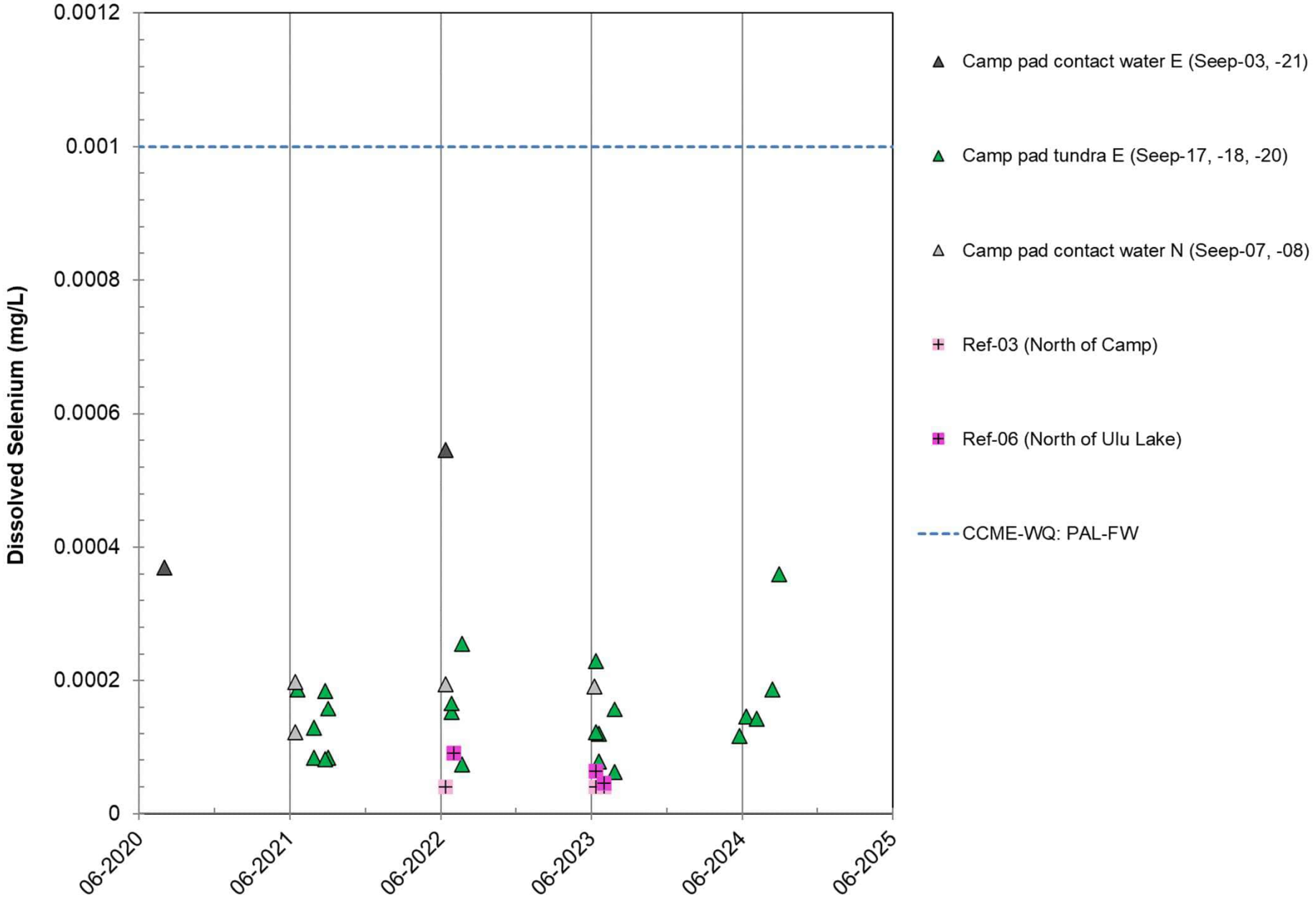

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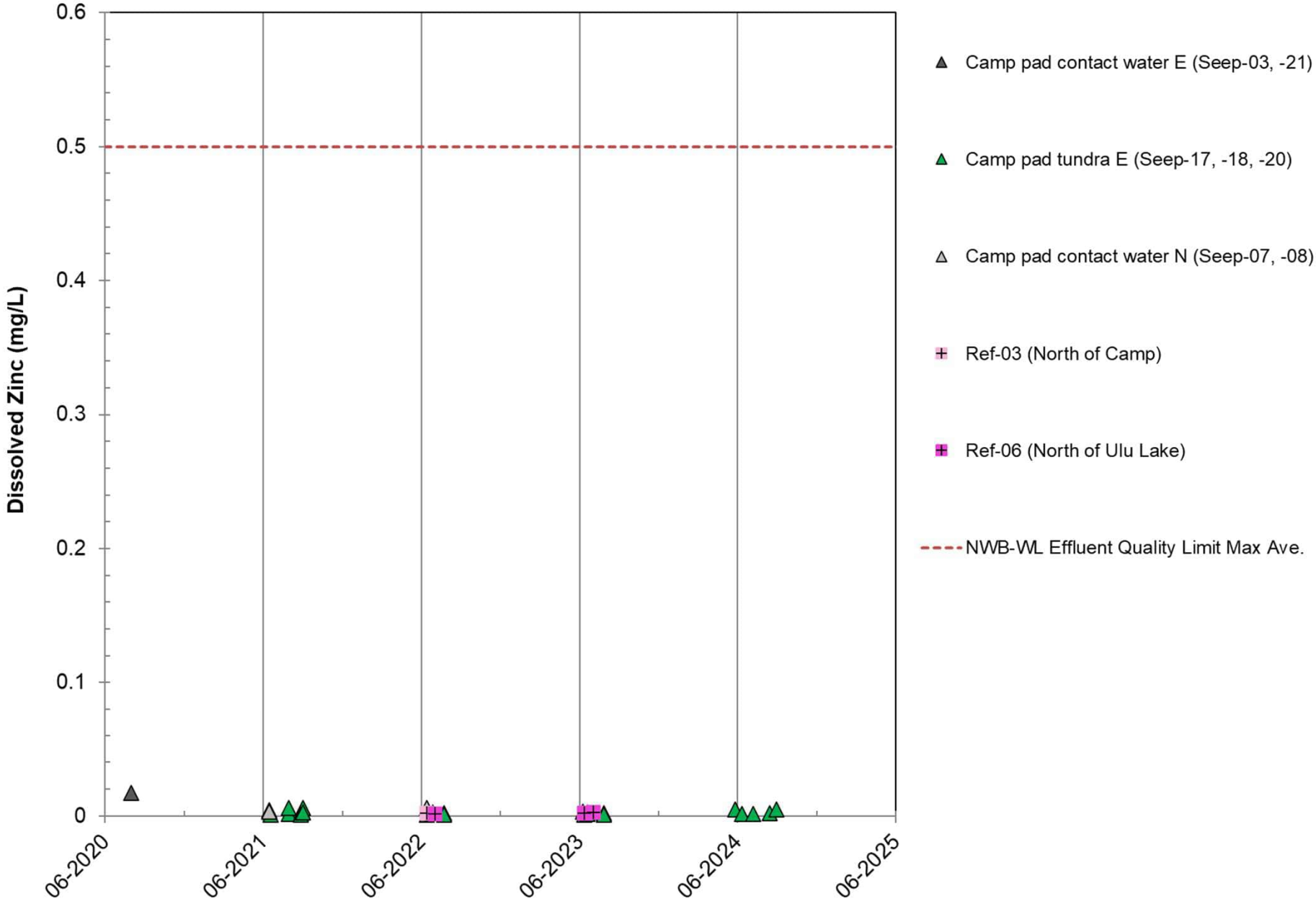

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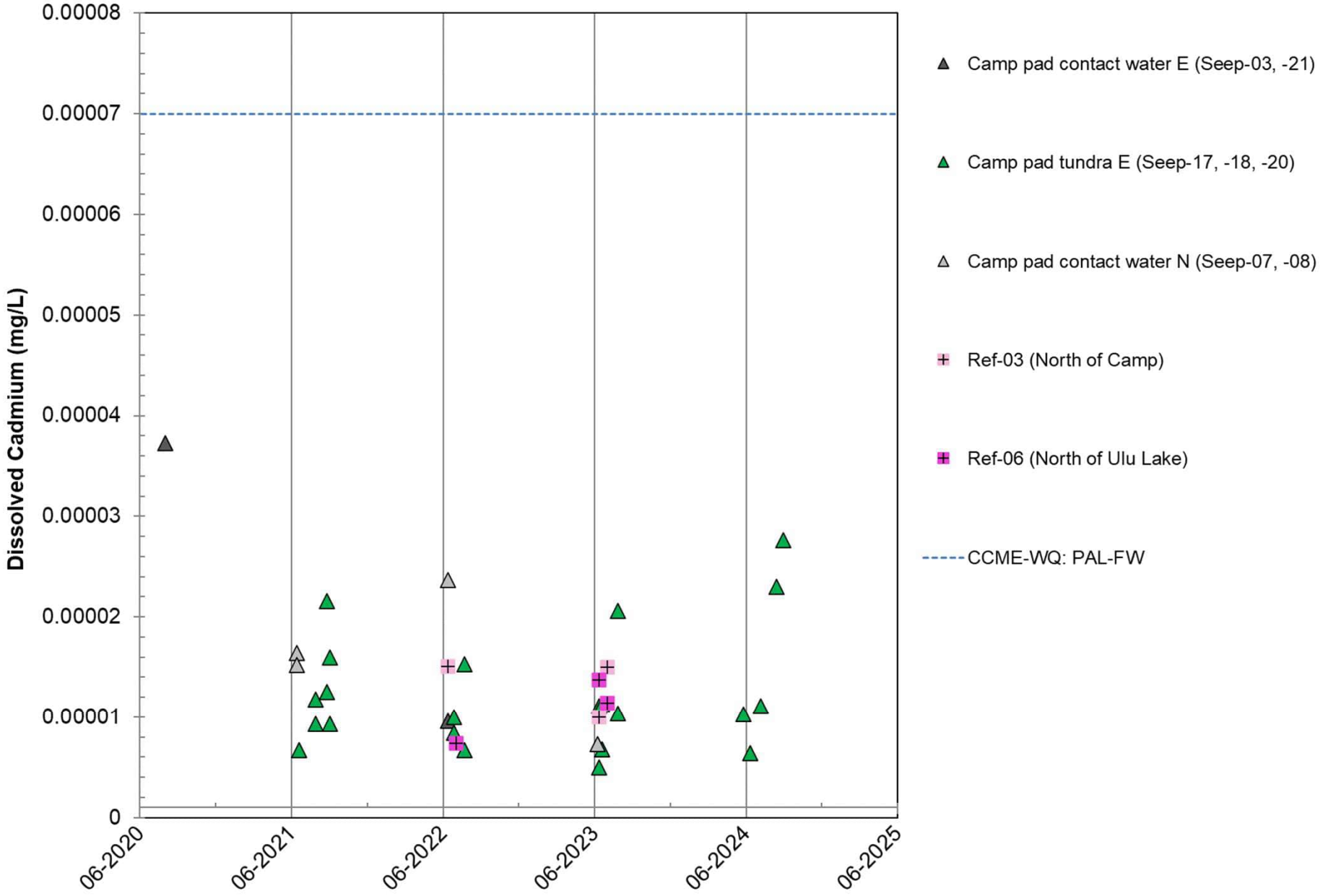

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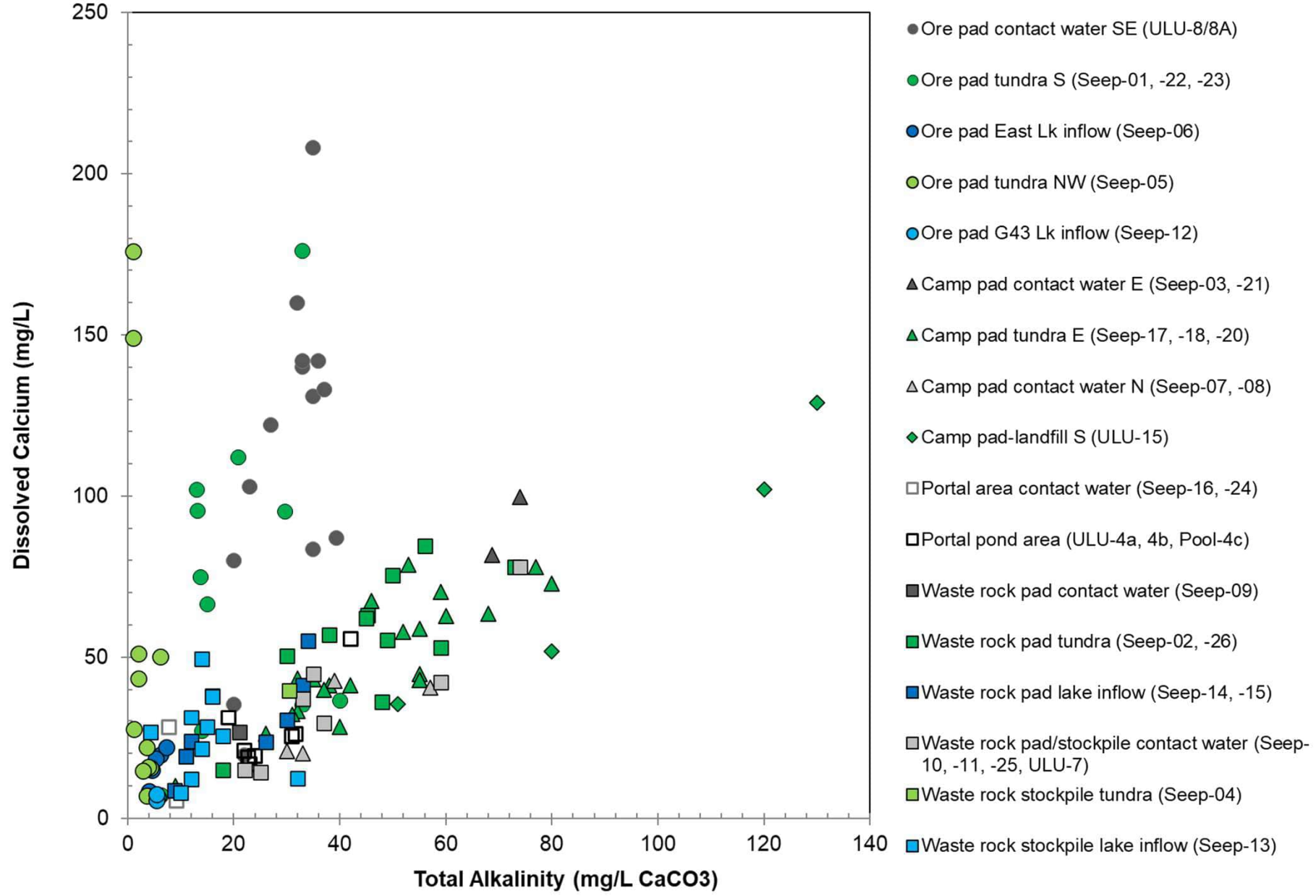
Other (All Data) Seepage Charts



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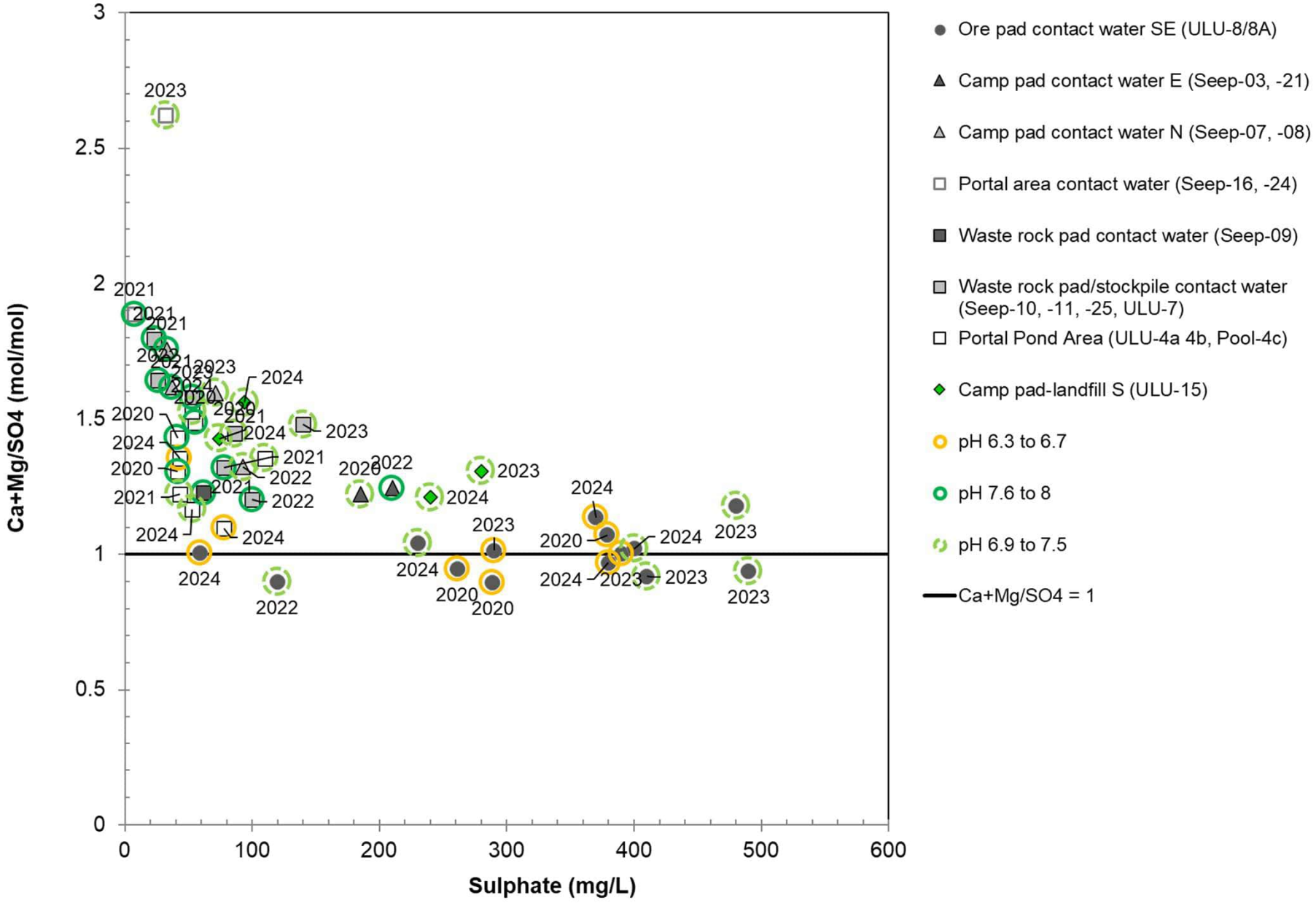

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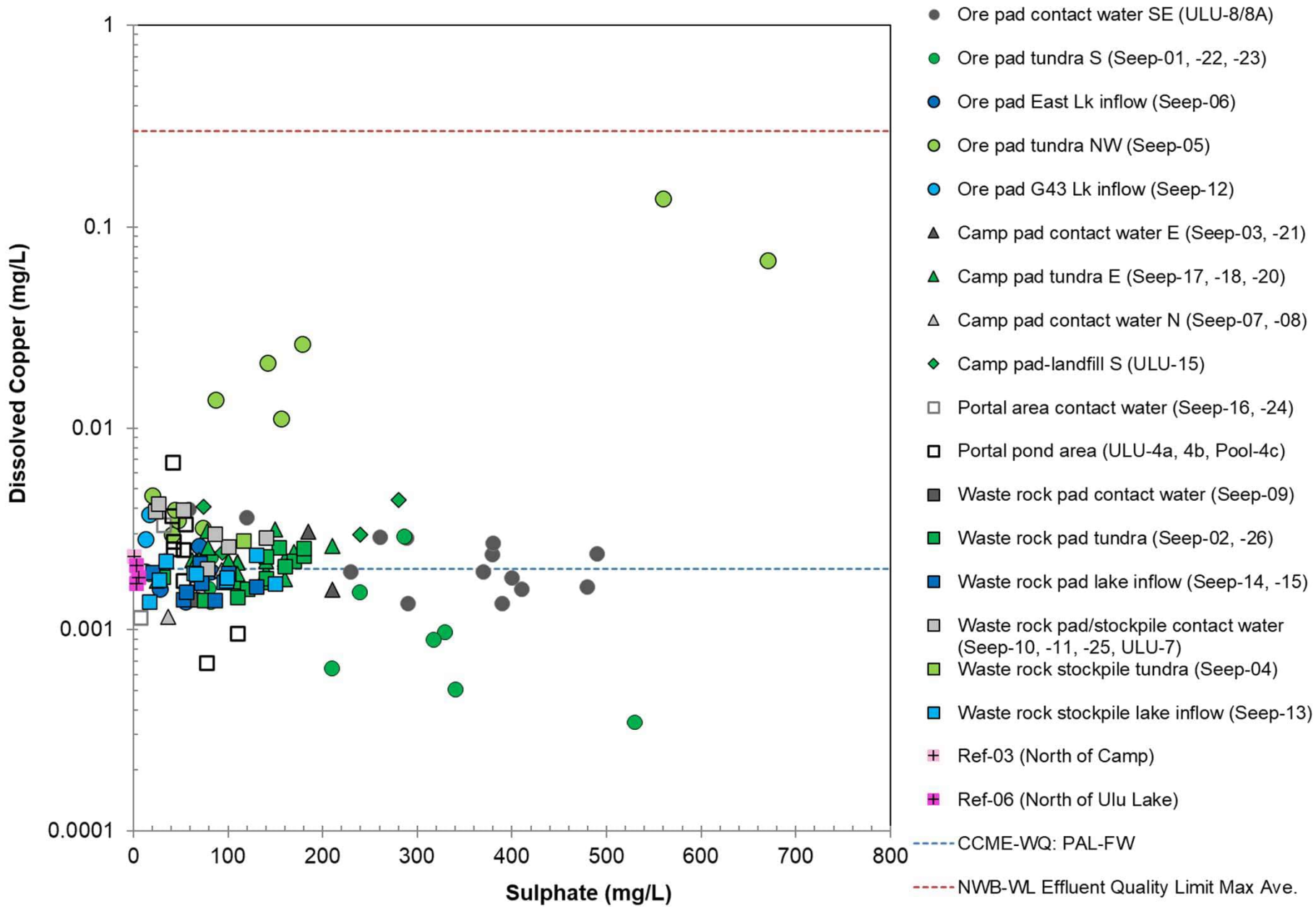

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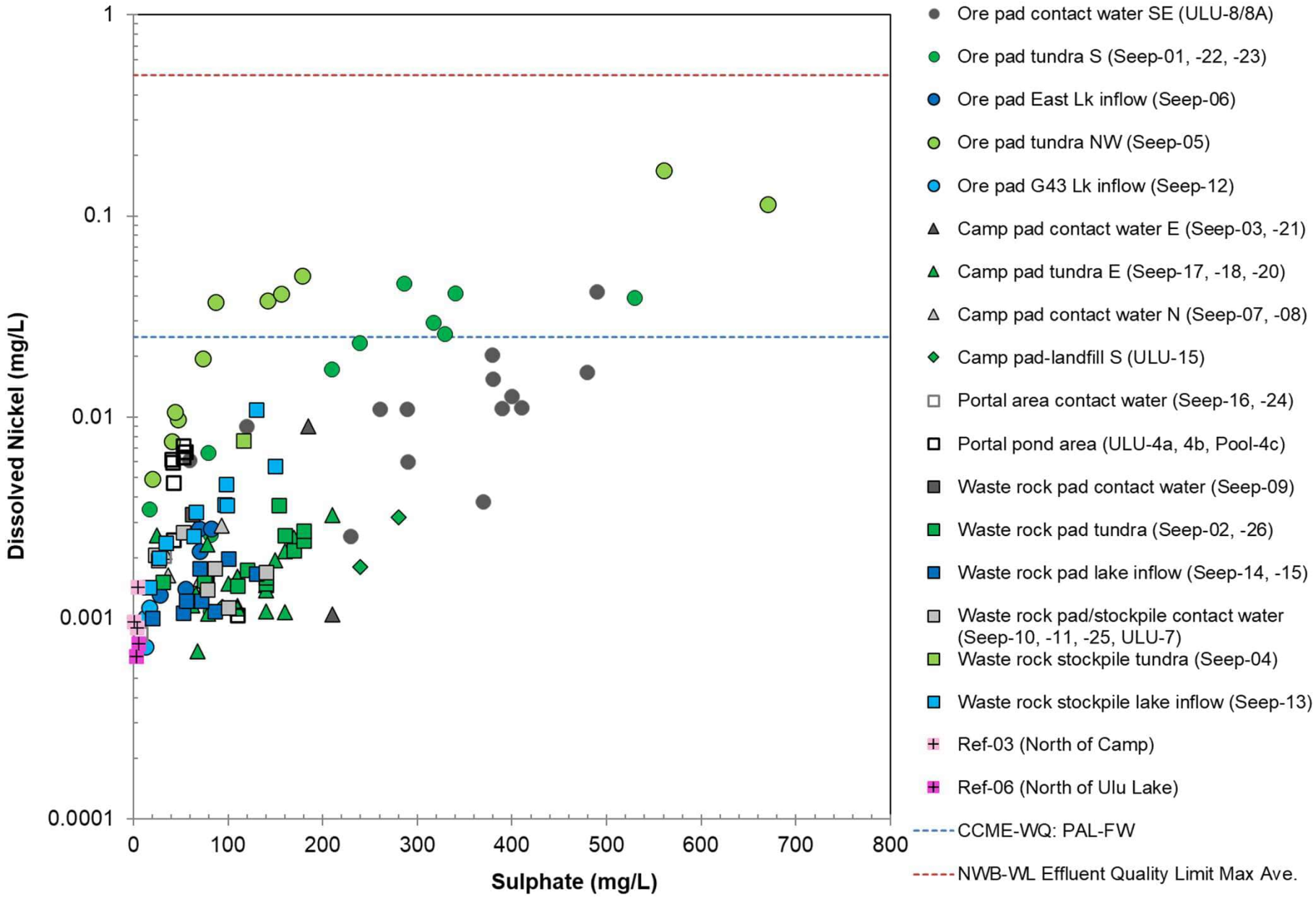

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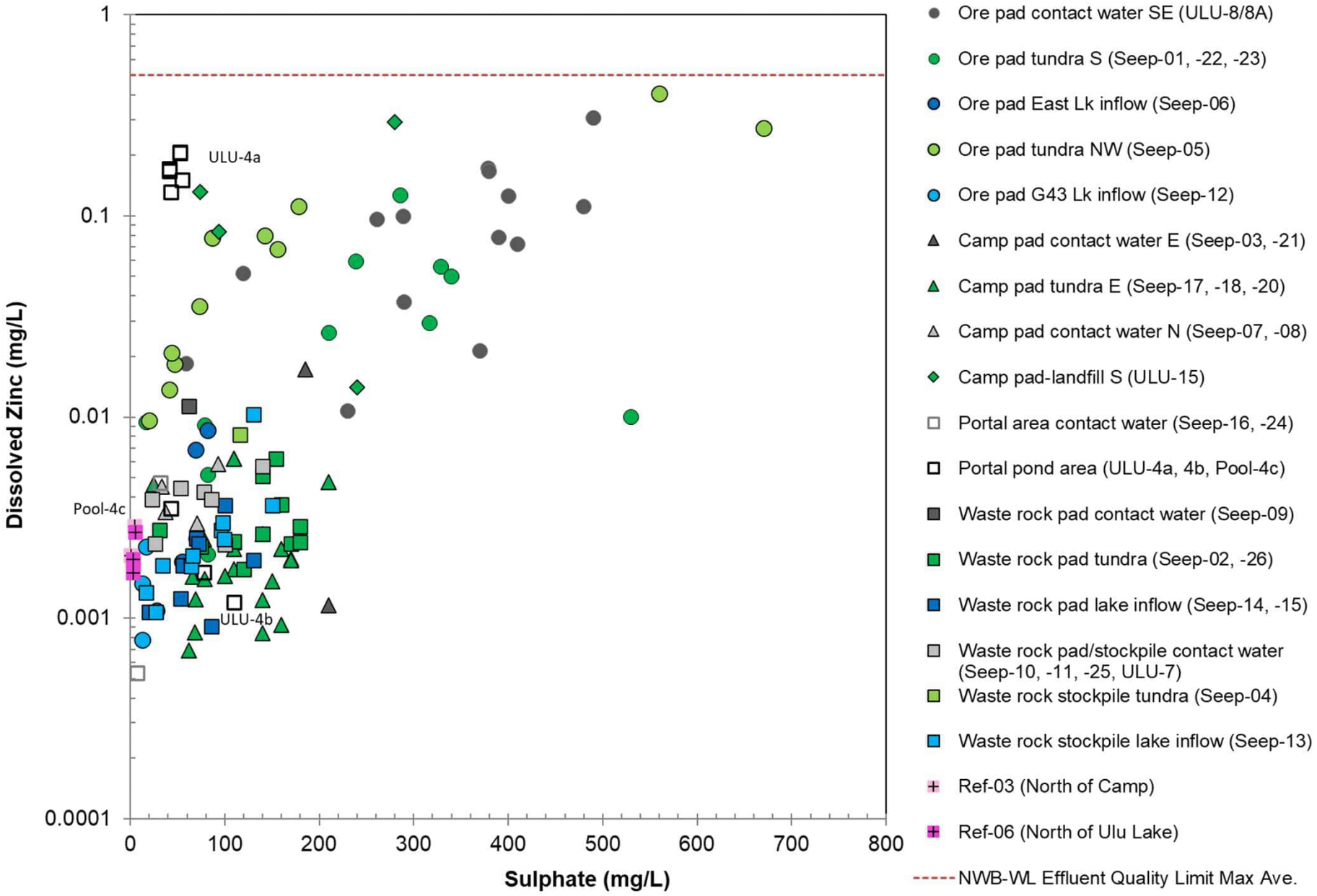

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Appendix D Seepage Data

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Time (24hr)	Sampled by	Field pH	Field EC	Flow	Field DO	Field ORP	Field ORP (Eh)
Units							pH units	uS/cm	L/s	mg/L	mV	mV
DL												
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	14:45	AS	6.6	1050	?	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	10:00	AS	6.6	728	?	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	17:05	AS	6.7	1567	0	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	13:58	LW	7.2	375	0	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	14:25	ML, OR,KK	6.3	723	0	#N/A	140	340
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	15:38	ML, Avalak	7.3	1010	0.023	#N/A	97	297
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	11:28	ML, JK	6.7	883	0.035	#N/A	153	353
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	14:27	OR, TM	7.5	1315	0.0119	1.73	195	395
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	9:45	OR	7.4	1719	0.0182	2.57	181	381
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	13:30	KK, AP	6.6	282	0	19.2	90	290
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	14:35	CM	6.9	635	N/A	20.2	85	285
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	10:00	AP	6.5	997	N/A	9	86	286
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	11:18	AP and CM	7.2	978	0.01	8.5	105	305
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	9:15	AP and JL	6.3	1228	N/A	5.1	160	360
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05		AS	#N/A	713	?	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	9:30	AS	6.5	523	<0.017	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	10:15	AS	6.1	780	0	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	16:40	AS	6.4	689	0	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	10:25	OR,KK	6.6	259	0	#N/A	65	265
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	11:40	KK, AP	6.5	74	0	16.8	65	265
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	13:51	CM	6.3	478	N/A	12.5	28	228
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	9:40	AP	6.0	728	N/A	78	85	285
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	14:40	AP	6.0	1060	N/A	4.1	144	344
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	9:10	ML, OR,KK	6.4	264	0	#N/A	51	251
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	11:20	ML, OR,KK	7.0	268	0	#N/A	64	264
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	10:00	AS	5.9	365	?	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	9:40	AS	5.4	420	?	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	16:20	AS	5.9	516	0	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	10:05	KK/LW	6.8	122	0	#N/A	92	292
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	15:18	LW	6.2	205	0	#N/A	191	391
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	15:17	OR, ML, KK	6.4	139	0	#N/A	93	293
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	8:15	or, kk	4.9	1098	0	8	333	533
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	10:47	KK, AP	6.5	87	0	28.4	21	221
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	8:23	CM	6.3	136	N/A	26.03	85	285
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	9:03	AP	5.6	200	N/A	13.7	106	306
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	14:05	AP	4.6	1069	N/A	10.2	157	#N/A
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	9:30	or, kk	5.9	419	0	#N/A	162	362
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	10:10	or, kk	4.3	621	0	5.6	407	607
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	11:29	or,kk	6.4	182	0	3.8	195	395
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	15:00	AS	6.5	270	?	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Time (24hr)	Sampled by	Field pH	Field EC	Flow	Field DO	Field ORP	Field ORP (Eh)
Units							**pH units**	**uS/cm**	**L/s**	**mg/L**	**mV**	**mV**
DL												
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	10:00	AS	7.3	227	?	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	16:00	KK/LW	6.7	89	0.37	#N/A	135	335
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	20:18	LW	6.3	199	0.108	8.4	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	13:24	OR, KK	6.2	163	0.03	#N/A	163	363
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	14:15	KK/LW	6.7	56	0.021	#N/A	127	327
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	16:20	OR, KK	6.8	55	0.0141	#N/A	108	308
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	14:14	OR, ML	6.2	68	0.0169	#N/A	126	326
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	8:45	AS	7.4	670	?	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	15:33	LW	7.6	572	0	#N/A	#N/A	#N/A
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	10:25	KK/LW	7.7	135	0.1	#N/A	170	370
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	14:30	KK/LW	7.7	135	0.067	#N/A	164	364
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	13:52	LW	7.3	275	0.31	#N/A	#N/A	#N/A
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	13:38	OR,KK	7.2	285	0.0006	#N/A	11.4	211.4
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	19:30	KK/LW	7.0	210	0.08	#N/A	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	16:53	LW	6.9	395	0.054	#N/A	165	365
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	14:40	LW	6.9	515	0.082	3.7	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	10:45	LW	7.1	467	0.553	7.6	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	14:11	LW	7.1	324	0.215	#N/A	459	659
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	14:54	LW	6.9	506	0.406	7.7	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	16:10	ML, OR,KK	6.7	249	0.2613	#N/A	125	325
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	16:16	OR, ML	6.5	281	0.1125	#N/A	135	335
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	13:34	RE, ML	7.1	498	0.27	4.3	137	337
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	15:30	KK, AP	6.9	112	1.39	26.3	87	287
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	9:25	CM, AP	7.1	233	0.4	27.2	112	312
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	14:35	AP	7.11	321	0.56	11.6	81	281
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	7:50	AP	6.6	553	N/A	10.2	153	353
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	10:55	AP	6.9	634	0.44	11.3	169	369
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	19:10	LW	7.2	380	0.197	#N/A	167	367
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	13:59	LW	7.2	482	0.086	7	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	13:51	LW	7.4	455	0.529	9.4	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	16:55	LW	7.3	337	0.262	#N/A	332	532
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	13:51	LW	7.3	464	0.236	9.7	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	17:40	OR, ML	7.1	222	0.0799	#N/A	120	320
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	16:55	OR, ML	6.9	274	0.1845	#N/A	129	329
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	14:25	RE, ML	7.5	460	0.17	6.4	119	319
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	9:40	LW	7.3	297	0.28	#N/A	#N/A	#N/A
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	13:49	ML, OR,KK	7.2	866	0.007	#N/A	95	295
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.6944	KK, AP	7.0	472	0.34	28.4	100	300

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Time (24hr)	Sampled by	Field pH	Field EC	Flow	Field DO	Field ORP	Field ORP (Eh)
Units							**pH units**	**uS/cm**	**L/s**	**mg/L**	**mV**	**mV**
DL												
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.5833	CM, AP	7.2	753	0.01	17.2	134	334
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	16:55	KK/LW	7.6	43	0.262	#N/A	#N/A	#N/A
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	16:00	ML, OR	7.3	289	0.0125	#N/A	94	294
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	20:15	AS	7.6	240	0	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	17:45	AS	7.6	209	0	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05		AS	7.6	259	0	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	11:30	LW	7.9	220	0	#N/A	178	378
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.4569	CM, AP	7.5	214	0	23.9	79	279
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.4632	CM	7.4	272	N/A	12.7	91	291
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.566	AP	6.7	288	N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	0.4701	CM, AP	7.5	308	0	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.6368	CM	7.3	340	N/A	17.6	69	269
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.4236	AP	6.8	190	0	24.4	82	282
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	9:35	KK/LW	7.6	196	0.139	#N/A	152	352
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	14:20	KK/LW	7.8	263	0.116	#N/A	152	352
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	14:12	LW	8.0	290	1.04	#N/A	#N/A	#N/A
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	11:25	OR, KK	7.2	507	0.0052	#N/A	114	314
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	15:30	AS	7.1	370	?	#N/A	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	15:35	KK/LW	7.6	103	1.7	#N/A	152	352
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	17:51	LW	8.1	104	0.89	#N/A	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	10:15	OR, ML, KK	7.6	210	0.0222	#N/A	89	289
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	9:10	AS	7.7	557	0.033	#N/A	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	20:49	LW	7.9	492	0.023	#N/A	151	351
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	18:00	LW	7.8	560	0.064	7	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	10:00	LW	8.5	586	1.535	#N/A	267	467
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	16:46	LW	7.6	646	0.427	1.71	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	15:05	OR, ML, KK	7.2	434	0.07	#N/A	105	305
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	13:15	OR, JB	7.8	621	0.1401	2.21	188	388
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.6361	KK, AP	6.7	118	0.99	32.5	125	325
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.441	CM, AP	7.2	278	0.18	21.3	114	314
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.5729	AP	7.2	423	0.13	18.8	80	280
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	9:20	ML, OR,KK	7.0	413	0.0675	#N/A	129	329
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	9:15	AS	7.4	400	0.033	#N/A	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	9:38	KK/LW	7.5	95	0.418	#N/A	140	340
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	9:25	LW	7.2	284	0.009	#N/A	150	350

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Time (24hr)	Sampled by	Field pH	Field EC	Flow	Field DO	Field ORP	Field ORP (Eh)
Units							**pH units**	**uS/cm**	**L/s**	**mg/L**	**mV**	**mV**
DL												
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	19:37	LW	7.4	278	0.089	8.7	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	8:45	LW	6.7	268	0.205	#N/A	226	426
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	15:18	LW	6.9	407	0.065	1.85	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	10:35	ML, OR,KK	7.2	205	0.1731	#N/A	97	297
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	13:52	KK, AP	6.3	66	1.74	24.6	120	320
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	13:23	CM, AP	7.3	108	0.71	22.6	110	310
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	13:15	AP	7	188	0.29	14	80	280
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	10:10	AP	6.8	419	0.07	13.8	187	387
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	9:30	AS	7.9	328	0.05	#N/A	#N/A	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	11:00	KK/LW	7.1	179	0.905	#N/A	140	340
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	9:55	LW	6.6	485	0.008	#N/A	242	442
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	17:37	OR, KK	6.9	338	0.384	#N/A	99	299
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	14:38	KK/LW	7.0	76	0.092	#N/A	126	326
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	10:50	LW	6.8	223	0.149	#N/A	181	381
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	14:30	LW	6.8	326	0.048	1.73	#N/A	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	16:48	ML, OR,KK	7.2	177	0.087	#N/A	103	303
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	13:00	LW+IL	6.9	47	0.372	#N/A	#N/A	#N/A
Ref-03		Camp impacted background		2023-06-13	8:40	ML, OR,KK	6.7	75	0.109	#N/A	121	321
Ref-03		Camp impacted background		2023-07-03	10:26	ML, JK	6.6	97	0.078	#N/A	122	322
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	10:10	LW	6.7	23	0.1	#N/A	204	404
Ref-06		Background		2023-06-13	10:30	ML, OR,KK	6.4	20	0.202	#N/A	116	316
Ref-06		Background		2023-07-03	8:30	ML, JK	6.7	32	0.117	#N/A	120	320

Notes

Renamed ID's

Italics <DL

Calculated from other value

					Lab Data								
Sample ID Convention	**Area**	**Represents**	**Plotting group/Legend entry**	**Sampling Date**	**Lab pH**	**Lab Conductivity**	**Total Dissolved Solids**	**Total Suspended Solids**	**Turbidity**	**Acidity (pH 4.5)**	**Acidity (pH 8.3)**	**Alkalinity (Total as CaCO3)**	**Alkalinity (PP as CaCO3)**
Units					**pH units**	**uS/cm**	**mg/L**	**mg/L**	**NTU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL						***2***	***10***	***1***	***0.1***	***1***	***1***	***1***	***1***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	#N/A	927	585	7.3		#N/A	#N/A	39.4	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	7.12	728	515	#N/A	0.57	#N/A	#N/A	34.9	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	#N/A	1390	1020	5.3	0.35	#N/A	#N/A	34.9	#N/A
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	7.2	375	220	2.6	0.86	*1*	5.4	20	*1*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	6.3	690	610	2.2	0.89	*1*	4.7	23	*1*
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	7.27	1000	850	*1*	0.16	*1*	5	32	*1*
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	6.74	880	760	*1*	0.17	*1*	5.6	33	*1*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	7.45	990	760	4.1	0.15	*1*	9.1	35	*1*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	7.37	910	710	*1*	1	*1*	5.4	37	*1*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	7.05	190	140	33	3.9	#N/A	#N/A	22	*1*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	6.61	610	400	9.1	1.6	*1*	2.7	20	*1*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	6.75	1000	760	10	2.4	*1*	2.8	33	*1*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	6.78	950	670	*1*	1.5	*1*	3.1	36	*1*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	6.46	1200	800	*1*	0.12	*1*	9.1	27	*1*
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	7.33	713	598	3	#N/A	#N/A	4.9	20.9	#N/A
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#N/A	523	370	#N/A	#N/A	#N/A	#N/A	13.7	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	6.82	578	409	#N/A	0.69	#N/A	#N/A	13.2	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	#N/A	740	523	#N/A	#N/A	#N/A	#N/A	29.7	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	6.56	200	120	1.2	1.4	*1*	7.9	14	*1*
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	6.83	60	60	5.1	3.1	*1*	2.5	6.4	*1*
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	6.38	470	160	1.1	1.5	*1*	3.2	15	*1*
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	6.45	750	540	5.7	3.5	*1*	4.6	13	*1*
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	6.6	1100	850	16	12	*1*	20	33	*1*
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	6.4	240	170	1.4	2.3	*1*	21.5	40	*1*
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	6.98	250	160	1.5	1.3	*1*	5.5	33	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#N/A	365	258	#N/A	#N/A	#N/A	#N/A	*2*	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	5.52	283	200	#N/A	11.7	#N/A	#N/A	*2*	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	#N/A	474	335	#N/A	#N/A	#N/A	#N/A	6.1	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	6.54	130	100	10	8.3	*1*	2.5	4.3	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	5.74	210	130	*0.99*	0.76	*1*	3.4	3.6	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	6.41	130	76	*1*	2.5	*1*	2.6	3.9	*1*
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	4.85	1100	810	3.6	4.5	*1*	65.9	*1*	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	6.47	63	56	2.9	4.5	*1*	5.7	3.6	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	6.27	120	60	*1*	2.1	*1*	2.5	2.8	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	5.69	260	180	1.5	1.4	*1*	6.7	1.1	*1*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	4.35	1100	870	*1*	0.13	*1*	83.6	*1*	*1*
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	5.93	420	260	*1*	0.19	*1*	12.4	9.2	*1*
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	4.26	620	360	8.6	0.26	*1*	48.4	*1*	*1*
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	6.41	190	88	7.3	3.6	*1*	5.3	35	*1*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	214	151	#N/A	#N/A	#N/A	#N/A	6.1	#N/A

					Lab Data								
Sample ID Convention	**Area**	**Represents**	**Plotting group/Legend entry**	**Sampling Date**	**Lab pH**	**Lab Conductivity**	**Total Dissolved Solids**	**Total Suspended Solids**	**Turbidity**	**Acidity (pH 4.5)**	**Acidity (pH 8.3)**	**Alkalinity (Total as CaCO3)**	**Alkalinity (PP as CaCO3)**
Units					**pH units**	**uS/cm**	**mg/L**	**mg/L**	**NTU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL						***2***	***10***	***1***	***0.1***	***1***	***1***	***1***	***1***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#N/A	198	140	#N/A	#N/A	#N/A	#N/A	7.3	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	6.56	91	56	*1*	0.5	*1*	2.1	4	*1*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	6.42	200	150	*1*	0.22	*1*	2.8	5.3	*1*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	6.2	150	160	*1*	0.96	*1*	1.5	4.5	*1*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	6.55	61	92	3.4	0.33	*1*	3	5.7	*1*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	6.84	51	48	*1*	1.4	*1*	1.2	5.4	*1*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	6.16	66	88	1.3	0.12	*1*	*1*	5.4	*1*
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#N/A	471	333	#N/A	#N/A	#N/A	#N/A	68.7	#N/A
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	7.09	600	400	2.4	0.31	*1*	3.4	74	*1*
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	7.56	150	88	6.5	3	*1*	2.6	33	*1*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	7.37	150	110	1.3	2	*1*	2.4	30	*1*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	7.22	290	180	1.2	2.1	*1*	1.7	39	*1*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	7.21	270	280	*1*	0.67	*1*	4.5	57	*1*
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	6.93	200	140	*1*	0.75	*1*	3	26	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	6.71	370	220	*1*	0.31	*1*	5	55	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	7.46	510	320	*1*	0.17	*1*	8.8	60	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	6.8	370	180	10	0.37	*1*	2.1	55	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	6.52	310	200	*0.96*	0.28	*1*	4.2	35	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	7.01	500	340	*1*	0.37	*1*	6.2	53	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	6.67	240	100	*1*	0.61	*1*	4.7	32	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	6.46	290	210	*1*	0.1	*1*	4.4	38	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	7.08	490	360	*1*	*0.1*	*1*	9.5	59	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	6.67	84	76	*1*	0.96	*1*	*1*	9	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	6.54	220	170	2.1	0.15	*1*	*1*	40	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	6.99	320	200	2.1	0.15	*1*	2.3	42	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	7.26	550	340	33	12	*1*	11.7	80	*1*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	6.64	630	410	22	7.3	*1*	3.9	77	*1*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	6.8	370	180	10	0.37	*1*	2.1	55	*1*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	6.66	470	310	5.9	0.78	*1*	4.8	55	*1*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	7.27	440	310	*1*	0.31	*1*	2.5	52	*1*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	7.31	337	210	5.5	2.2	*1*	2.3	32	*1*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	6.94	450	300	5.2	1.1	*1*	2	46	*1*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	7.11	220	230	3.2	0.89	*1*	2.4	31	*1*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	6.87	280	180	*0.99*	0.26	*1*	2	37	*1*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	7.47	460	320	1.9	0.11	*1*	7.3	68	*1*
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	7.41	280		4.7	2.9			51	*1*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	7.17	830	670	2	2	#N/A	#N/A	130	*1*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	7.9	360	220	2.5	2.8	#N/A	#N/A	80	*1*

					Lab Data								
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Units					**pH units**	**uS/cm**	**mg/L**	**mg/L**	**NTU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL						***2***	***10***	***1***	***0.1***	***1***	***1***	***1***	***1***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	6.98	720	480	1.5	0.16	*1*	8.8	120	*1*
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	6.76	44	36	11	18	*1*	*1*	9.2	*1*
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	7.28	270	270	*1*	0.8	*1*	2	7.7	*1*
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	#N/A	#N/A	#N/A	*3*	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	#N/A	181	106	*3*	#N/A	#N/A	#N/A	22.7	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	7.29	229	151	*3*	#N/A	#N/A	#N/A	31.7	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	6.51	210	92	*1*	2	*1*	1.7	23	*1*
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	6.47	210	92	*0.97*	1.8	*1*	*1*	24	*1*
ULU-4a		Portal Pond	Portal pond area	2024-07-30	6.59	270	160	*1*	1.8	*1*	2.7	31	*1*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	6.83	240	180	1.7	2	*1*	*1*	19	*1*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	7.55	340	170	*1*	*0.1*	*1*	1.4	42	*1*
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	6.62	140	88	2.8	4	*1*	1.8	22	*1*
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	7.19	200	360	94	27	*1*	2.5	21	*1*
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	7.42	270	240	2.3	8.1	*1*	2	33	*1*
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	6.69	290	200	2.6	4.2	*1*	1.3	35	*1*
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	7.23	460	290	38	7.6	*1*	3.9	74	*1*
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	#N/A	307	186	3.4	#N/A	#N/A	#N/A	59	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	7.14	110	180	5	3.7	*1*	1.7	25	*1*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	6.63	110	68	1.7	3.7	*1*	1	22	*1*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	7.62	190	140	29	8.7	*1*	1.7	37	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	#N/A	557	375	*3*	#N/A	#N/A	#N/A	45.3	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	6.92	460	270	1.3	0.46	*1*	1.5	59	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	6.95	530	360	*1*	0.85	*1*	2.1	45	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	6.83	550	370	4.1	5.1	*1*	1.6	50	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	7.31	630	400	*1*	0.8	*1*	1.8	56	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	7.2	400	260	4.4	4.3	*1*	3.9	38	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	7.75	590	400	*1*	0.13	*1*	2.8	73	*1*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	7.11	120	68	15	15	-1	1.1	18	-1
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	6.76	270	160	4.3	2.6	-1	-1	48	-1
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	7.24	430	270	2.2	3.4	-1	1.7	49	-1
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	7.04	370	300	*1*	1.4	*1*	3	30	*1*
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#N/A	281	199	#N/A	#N/A	#N/A	#N/A	30.4	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	6.95	98	100	*1*	0.39	*1*	1.3	12	*1*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	6.48	280	140	*1*	0.46	*1*	2.3	18	*1*

					Lab Data									
Sample ID Convention	**Area**	**Represents**	**Plotting group/Legend entry**	**Sampling Date**	**Lab pH**	**Lab Conductivity**	**Total Dissolved Solids**	**Total Suspended Solids**	**Turbidity**	**Acidity (pH 4.5)**	**Acidity (pH 8.3)**	**Alkalinity (Total as CaCO3)**	**Alkalinity (PP as CaCO3)**
Units					**pH units**	**uS/cm**	**mg/L**	**mg/L**	**NTU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL						***2***	***10***	***1***	***0.1***	***1***	***1***	***1***	***1***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	6.58	280	260	*1*	0.55	*1*	2.3	15	*1*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	6.09	260	180	*1*	0.23	*1*	3.9	12	*1*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	6.54	390	260	*1*	1.2	*1*	2.4	14	*1*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	7.23	190	180	*1*	0.54	*1*	2.4	4.3	*1*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	6.81	63	36	1	1.2	1	1	10	1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	6.66	100	68	1	1.1	1	1	32	1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	6.78	190	130	1	0.98	1	1.7	14	1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	6.19	410	250	3.1	7.5	1	2.9	16	1
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#N/A	279	197	#N/A	#N/A	#N/A	#N/A	30.1	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	7.12	180	160	*1*	0.39	*1*	2	26	*1*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	6.45	460	320	*1*	0.3	*1*	4.4	34	*1*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	6.92	300	190	*1*	0.29	*1*	2.8	33	*1*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	6.87	79	88	*1*	1.4	*1*	1.4	8.8	*1*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	6.21	210	140	1.8	1.8	*1*	3	12	*1*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	6.61	310	200	14	1.8	*1*	3.2	16	*1*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	7.23	170	120	*1*	0.16	*1*	1.7	11	*1*
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	6.13	50	20	1.2	0.88	*1*	3.3	6.5	*1*
Ref-03		Camp impacted background		2023-06-13	6.66	69	64	*1*	0.11	*1*	5	7.8	*1*
Ref-03		Camp impacted background		2023-07-03	6.61	96	76	*0.95*	0.4	*1*	*1*	9.8	*1*
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	6.01	22	16	*0.97*	0.16	*1*	4.4	4.3	*1*
Ref-06		Background		2023-06-13	6.42	18	56	*1*	*0.1*	*1*	*1*	3.4	*1*
Ref-06		Background		2023-07-03	6.65	31	16	*1*	0.65	*1*	*1*	5.3	*1*

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho-phosphate	Total Phosphorus	Total Ammonia
Units					NO3 mg/L	N mg/L	NO2 mg/L	N mg/L	N mg/L	mg/L	mg/L	N mg/L
DL					*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	*#N/A*	*#N/A*	*0.015*
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	#N/A	3.24	#N/A	0.029	3.27	#N/A	#N/A	2.43
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#N/A	2.93	#N/A	0.029	2.96	#N/A	#N/A	1.92
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	#N/A	10.6	#N/A	0.059	10.6	#N/A	#N/A	1.58
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.79	0.18	#N/A	*0.01*	0.18	#N/A	#N/A	*0.015*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	1.4	0.32	*0.033*	*0.01*	0.32	#N/A	#N/A	*0.015*
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	4.1	0.92	0.042	0.013	0.94	#N/A	#N/A	0.3
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	2.9	0.65	*0.033*	*0.01*	0.65	#N/A	#N/A	0.037
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	4.8	1.1	*0.033*	*0.01*	1.1	#N/A	#N/A	0.54
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	6.4	1.4	*0.033*	*0.01*	1.4	#N/A	#N/A	0.76
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.94	0.21	*0.033*	*0.01*	0.21	#N/A	#N/A	0.019
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	2.2	0.5	*0.033*	*0.01*	0.5	#N/A	#N/A	*0.015*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	6.4	1.5	*0.033*	*0.01*	1.5	#N/A	#N/A	*0.015*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	7.9	1.8	0.036	0.011	1.8	#N/A	#N/A	0.94
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	33	7.4	0.2	0.062	7.4	#N/A	#N/A	0.36
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	#N/A	0.368	#N/A	0.002	#N/A	#N/A	#N/A	0.0502
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#N/A	0.528	#N/A	*0.01*	0.528	#N/A	#N/A	0.0159
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	#N/A	0.974	#N/A	*0.01*	0.974	#N/A	#N/A	0.0766
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	#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?	Ore pad tundra S	2023-06-10	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.046	0.01	*0.033*	*0.01*	0.01	#N/A	#N/A	*0.015*
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	0.016
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	1.8	0.4	*0.033*	*0.01*	0.4	#N/A	#N/A	0.056
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#N/A	0.476	#N/A	*0.01*	0.476	#N/A	#N/A	0.254
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	#N/A	0.673	#N/A	*0.01*	0.673	#N/A	#N/A	0.49
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	#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?	Ore pad tundra NW	2021-06-16	1.2	0.27	*0.033*	*0.01*	0.27	#N/A	#N/A	0.15
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	4.3	0.97	*0.033*	*0.01*	0.97	#N/A	#N/A	0.26
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	2.2	0.5	*0.033*	*0.01*	0.5	#N/A	#N/A	0.059
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	6.9	1.6	*0.033*	*0.01*	1.6	#N/A	#N/A	0.45
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.55	0.12	*0.033*	*0.01*	0.12	#N/A	#N/A	0.048
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	1.6	0.37	*0.033*	*0.01*	0.37	#N/A	#N/A	0.053
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	4.8	1.1	*0.033*	*0.01*	1.1	#N/A	#N/A	0.15
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	8.1	1.8	*0.033*	*0.01*	1.8	#N/A	#N/A	1.1
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	7.2	1.6	*0.033*	*0.01*	1.6	#N/A	#N/A	1.6
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.1	0.024	*0.033*	*0.01*	0.024	#N/A	#N/A	*0.015*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho-phosphate	Total Phosphorus	Total Ammonia
Units					**NO3 mg/L**	**N mg/L**	**NO2 mg/L**	**N mg/L**	**N mg/L**	**mg/L**	**mg/L**	**N mg/L**
DL					***0.044***	***0.01***	***0.033***	***0.01***	***0.01***	***#N/A***	***#N/A***	***0.015***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#N/A	0.049	#N/A	*0.01*	0.049	#N/A	#N/A	*0.005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*			*0.015*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.084	0.019	*0.033*	*0.01*	0.019			*0.015*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	0.02
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#N/A	0.454	#N/A	*0.01*	0.454	#N/A	#N/A	0.146
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	10	2.3	0.047	0.014	2.3	#N/A	#N/A	0.044
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	1.2	0.27	*0.033*	*0.01*	0.27			0.037
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.6	0.13	*0.033*	*0.01*	0.13			0.041
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	4.4	0.99	*0.033*	*0.01*	0.99	#N/A	#N/A	*0.015*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	4.3	0.98	*0.033*	*0.01*	0.98	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	1.5	0.34	*0.033*	*0.01*	0.34			0.018
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	3.7	0.84	*0.033*	*0.01*	0.84	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	4.8	1.1	*0.033*	*0.01*	1.1	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	1.3	0.29	*0.033*	*0.01*	0.29	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	2.2	0.49	*0.033*	*0.01*	0.49	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	4.4	0.99	*0.033*	*0.01*	0.99	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	2.2	0.5	*0.033*	*0.01*	0.5	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	2.5	0.57	*0.033*	*0.01*	0.57	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	19	4.2	0.33	0.099	4.3	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.27	0.061	*0.033*	*0.01*	0.061	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	3	0.68	*0.033*	*0.01*	0.68	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	4.9	1.1	*0.033*	*0.01*	1.1	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	7.7	1.7	*0.033*	*0.01*	1.7	#N/A	#N/A	*0.015*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	8.1	1.8	*0.033*	*0.01*	1.8	#N/A	#N/A	0.084
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	1.3	0.29	*0.033*	*0.01*	0.29	#N/A	#N/A	*0.015*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	1.7	0.39	*0.033*	*0.01*	0.39	#N/A	#N/A	*0.015*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	2.6	0.58	*0.033*	*0.01*	0.58	#N/A	#N/A	*0.015*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	1.3	0.29	*0.033*	*0.01*	0.29	#N/A	#N/A	*0.015*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.11	0.024	*0.033*	*0.01*	0.024	#N/A	#N/A	*0.015*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.83	0.19	*0.033*	*0.01*	0.19	#N/A	#N/A	*0.015*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	1.1	0.25	*0.033*	*0.01*	0.25	#N/A	#N/A	*0.015*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.14	0.032	*0.033*	*0.01*	0.032	#N/A	#N/A	*0.015*
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	1.2	0.27	*0.033*	*0.01*	0.27			0.016
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	2.4	0.53	0.076	0.023	0.56	#N/A	#N/A	0.24
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	1.5	0.33	*0.033*	*0.01*	0.33	#N/A	#N/A	0.024

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho-phosphate	Total Phosphorus	Total Ammonia
Units					**NO3 mg/L**	**N mg/L**	**NO2 mg/L**	**N mg/L**	**N mg/L**	**mg/L**	**mg/L**	**N mg/L**
DL					***0.044***	***0.01***	***0.033***	***0.01***	***0.01***	***#N/A***	***#N/A***	***0.015***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	4.3	0.96	*0.033*	*0.01*	0.96	#N/A	#N/A	0.03
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.43	0.098	*0.033*	*0.01*	0.098			*0.015*
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.62	0.14	*0.033*	*0.01*	0.14	#N/A	#N/A	*0.015*
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	#N/A	0.415	#N/A	*0.01*	0.415	#N/A	#N/A	0.114
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	2.2	0.49	*0.033*	*0.01*	0.49	#N/A	#N/A	*0.015*
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	1.5	0.34	*0.033*	*0.01*	0.34	#N/A	#N/A	*0.015*
ULU-4a		Portal Pond	Portal pond area	2024-07-30	2	0.46	*0.033*	*0.01*	0.46	#N/A	#N/A	*0.015*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.58	0.13	*0.033*	*0.01*	0.13	#N/A	#N/A	*0.015*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	1.3	0.29	*0.033*	*0.01*	0.29	#N/A	#N/A	*0.015*
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.38	0.086	*0.033*	*0.01*	0.086	#N/A	#N/A	*0.015*
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.86	0.19	*0.033*	*0.01*	0.19			*0.015*
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	1.6	0.36	*0.033*	*0.01*	0.36			0.031
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	1.2	0.27	*0.033*	*0.01*	0.27	#N/A	#N/A	*0.015*
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	3.7	0.83	*0.033*	*0.01*	0.83	#N/A	#N/A	*0.015*
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	#N/A	0.366	#N/A	*0.01*	0.366	#N/A	#N/A	*0.005*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.13	0.03	*0.033*	*0.01*	0.03			0.018
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.14	0.031	*0.033*	*0.01*	0.031	#N/A	#N/A	*0.015*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.46	0.1	*0.033*	*0.01*	0.1	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	#N/A	2.74	#N/A	*0.01*	2.74	#N/A	#N/A	0.116
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	6.6	1.5	*0.033*	*0.01*	1.5	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	9.1	2.1	*0.033*	*0.01*	2.1	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	8.1	1.8	*0.033*	*0.01*	1.8	#N/A	#N/A	0.022
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	7.4	1.7	*0.033*	*0.01*	1.7	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	2.7	0.62	*0.033*	*0.01*	0.62	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	8.2	1.9	*0.033*	*0.01*	1.9	#N/A	#N/A	*0.015*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.73	0.17	-0.033	-0.01	0.17	#N/A	#N/A	-0.015
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	2.2	0.5	-0.033	-0.01	0.5	#N/A	#N/A	-0.015
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	4.6	1	-0.033	-0.01	1	#N/A	#N/A	-0.015
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	3.1	0.71	*0.033*	*0.01*	0.71	#N/A	#N/A	*0.015*
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#N/A	0.668	#N/A	*0.01*	0.668	#N/A	#N/A	0.184
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*			*0.015*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	3.3	0.75	*0.033*	*0.01*	0.75	#N/A	#N/A	*0.015*

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nitrate	Dissolved Nitrate	Dissolved Nitrite	Dissolved Nitrite	Dissolved Nitrate plus Nitrite	Dissolved ortho-phosphate	Total Phosphorus	Total Ammonia
Units					**NO3 mg/L**	**N mg/L**	**NO2 mg/L**	**N mg/L**	**N mg/L**	**mg/L**	**mg/L**	**N mg/L**
DL					***0.044***	***0.01***	***0.033***	***0.01***	***0.01***	***#N/A***	***#N/A***	***0.015***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	3.7	0.83	*0.033*	*0.01*	0.83	#N/A	#N/A	*0.015*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.21	0.046	*0.033*	*0.01*	0.046	#N/A	#N/A	*0.015*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	2.7	0.61	*0.033*	*0.01*	0.61	#N/A	#N/A	*0.015*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.24	0.054	*0.033*	*0.01*	0.054	#N/A	#N/A	*0.015*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.051	0.012	0.033	0.01	0.012	#N/A	#N/A	0.015
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.049	0.011	0.033	0.01	0.011	#N/A	#N/A	0.015
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.044	0.01	0.033	0.01	0.01	#N/A	#N/A	0.015
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	10	2.4	0.033	0.01	2.4	#N/A	#N/A	0.015
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#N/A	1.63	#N/A	*0.01*	1.63	#N/A	#N/A	0.0535
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.76	0.17	*0.033*	*0.01*	0.17			*0.015*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	5	1.1	*0.033*	*0.01*	1.1	#N/A	#N/A	*0.015*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	2	0.45	*0.033*	*0.01*	0.45	#N/A	#N/A	*0.015*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.25	0.057	*0.033*	*0.01*	0.057			*0.015*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.52	0.12	*0.033*	*0.01*	0.12	#N/A	#N/A	*0.015*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.61	0.14	*0.033*	*0.01*	0.14	#N/A	#N/A	*0.015*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.31	0.071	*0.033*	*0.01*	0.071	#N/A	#N/A	0.018
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Ref-03		Camp impacted background		2023-06-13	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Ref-03		Camp impacted background		2023-07-03	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Ref-06		Background		2023-06-13	*0.044*	*0.01*	*0.033*	*0.01*	*0.01*	#N/A	#N/A	*0.015*
Ref-06		Background		2023-07-03	0.23	0.052	*0.033*	*0.01*	0.052	#N/A	#N/A	*0.015*

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Hardness (CaCO3)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.01***	***0.05***	***1***	***1***	***1***	***1***	***1***	***0.5***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	*0.1*	0.13	91.7	289	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	*0.1*	0.122	67.2	261	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	*0.1*	0.11	219	379	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.019	0.14	9.4	120	24	*1*	*1*	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.029	0.12	13	290	28	*1*	*1*	288
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.12	0.15	2.8	490	39	*1*	*1*	642
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.072	0.15	7.7	390	40	*1*	*1*	426
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.13	0.16	6	480	42	*1*	*1*	442
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.068	0.17	13	410	45	*1*	*1*	413
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	#N/A	0.16	9.1	59	26	*1*	*1*	61.9
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.036	0.13	26	230	25	*1*	*1*	249
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.05	0.19	31	370	40	*1*	*1*	437
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.051	0.16	21	400	44	*1*	*1*	426
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.042	0.16	110	380	33	*1*	*1*	385
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	*0.05*	0.185	1.97	329	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	*0.1*	0.151	0.9	239	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	*0.1*	0.166	1.46	286	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	*0.1*	0.148	6.65	317	#N/A	#N/A	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.013	0.13	*1*	79	17	*1*	*1*	85.5
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	*0.01*	*0.05*	*1*	17	7.8	*1*	*1*	22.8
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.025	0.11	2.2	210	19	*1*	*1*	212
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.037	0.19	2.4	340	16	*1*	*1*	336
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.02	0.24	3.8	530	40	*1*	*1*	556
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	*0.01*	0.087	*1*	82	48	*1*	*1*	118
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.016	0.13	4.2	82	40	*1*	*1*	110
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	*0.1*	0.176	1.4	178	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	*0.1*	0.131	3.72	142	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	*0.1*	0.052	33.5	156	#N/A	#N/A	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.013	0.053	2.1	41	5.3	*1*	*1*	52.5
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.027	0.1	5.1	73	4.4	*1*	*1*	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.011	0.076	1.2	47	4.8	*1*	*1*	48.3
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	0.063	0.66	6.1	670	*1*	*1*	*1*	638
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	*0.01*	*0.05*	*1*	20	4.4	*1*	*1*	21.8
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.022	0.092	2.1	44	3.4	*1*	*1*	47.3
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	0.02	0.29	4.4	87	1.3	*1*	*1*	91.4
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.017	0.87	11	560	*1*	*1*	*1*	466
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.031	0.16	6.9	180	11	*1*	*1*	168
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.05	0.42	14	260	*1*	*1*	*1*	200
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.021	0.083	2.8	51	43	*1*	*1*	78.5
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	*0.1*	0.052	2.42	69	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Hardness (CaCO3)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.01***	***0.05***	***1***	***1***	***1***	***1***	***1***	***0.5***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	*0.1*	0.055	4.76	82	#N/A	#N/A	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	*0.01*	0.076	3.8	28	4.8	*1*	*1*	31.6
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.011	0.07	6.7	70	6.4	*1*	*1*	63.1
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	*0.01*	0.064	3.4	55	5.5	*1*	*1*	50.1
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	*0.01*	0.082	3.9	13	7	*1*	*1*	23.1
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	*0.01*	0.09	*1*	13	6.5	*1*	*1*	18.3
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	*0.01*	0.085	2.4	17	6.6	*1*	*1*	22.1
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	*0.1*	0.189	1.85	185	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.088	0.17	8.6	210	90	*1*	*1*	#N/A
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.02	0.1	1.8	33	40	*1*	*1*	63.3
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	*0.01*	0.099	1.4	37	36	*1*	*1*	62.2
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.017	0.15	2.7	93	47	*1*	*1*	#N/A
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	*0.01*	0.24	2.2	71	69	*1*	*1*	124
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.021	0.2	2.8	62	32	*1*	*1*	78.5
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.046	0.22	5.7	110	68	*1*	*1*	164
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.23	0.2	23	150	73	*1*	*1*	187
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.03	0.21	6.7	110	68	*1*	*1*	154
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.045	0.2	4.4	110	43	*1*	*1*	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.052	0.22	5.7	170	64	*1*	*1*	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.017	0.22	5	69	38	*1*	*1*	103
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.023	0.23	7.8	78	47	*1*	*1*	139
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.041	0.22	9.3	160	72	*1*	*1*	214
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	*0.01*	0.088	*1*	25	11	*1*	*1*	30.5
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.058	0.18	4.8	66	48	*1*	*1*	86.5
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.032	0.22	8.3	100	51	*1*	*1*	126
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	*0.01*	0.24	10	170	98	*1*	*1*	224
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.041	0.22	23	210	94	*1*	*1*	244
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.03	0.21	6.7	110	68	*1*	*1*	154
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.2	0.2	23	140	67	*1*	*1*	189
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.12	0.23	16	140	63	*1*	*1*	179
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.028	0.2	5.2	110	39	*1*	*1*	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.034	0.19	6.2	160	56	*1*	*1*	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.011	0.17	6.5	68	38	*1*	*1*	98.3
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	*0.01*	0.21	9.2	79	45	*1*	*1*	108
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.032	0.22	9.9	140	83	*1*	*1*	194
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23			8.9	74	63	*1*	*1*	110
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	#N/A	0.16	28	280	160	*1*	*1*	365
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	#N/A	0.28	3.7	94	98	*1*	*1*	153

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Hardness (CaCO3)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.01***	***0.05***	***1***	***1***	***1***	***1***	***1***	***0.5***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.077	0.17	13	240	150	*1*	*1*	302
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	*0.01*	*0.05*	1.2	7.9	11	*1*	*1*	19.8
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.37	0.18	53	32	9.3	*1*	*1*	92.4
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	#N/A	#N/A	13.3	41.6	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	*0.1*	0.082	16.3	41.4	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	*0.1*	0.063	18.6	55.2	#N/A	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.07	0.11	20	43	28	*1*	*1*	64.6
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.12	0.093	20	53	29	*1*	*1*	64.3
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.084	0.12	27	53	38	*1*	*1*	84.4
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.086	*0.05*	3	78	23	*1*	*1*	89.3
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.015	0.11	3.4	110	51	*1*	*1*	155
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	*0.01*	0.071	*1*	43	27	*1*	*1*	60.7
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.014	0.11	3.3	62	26	*1*	*1*	80.6
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.016	0.11	2.9	78	41	*1*	*1*	119
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.018	0.14	1.3	100	42	*1*	*1*	#N/A
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.052	0.14	10	140	90	*1*	*1*	218
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	*0.1*	0.092	4.57	86	#N/A	#N/A	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	*0.01*	0.073	2.8	23	31	*1*	*1*	48.5
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	*0.01*	0.065	*1*	26	27	*1*	*1*	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	*0.01*	0.091	2.7	53	46	*1*	*1*	86.2
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	*0.1*	0.19	55.1	154	#N/A	#N/A	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.054	0.22	14	140	72	*1*	*1*	187
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.072	0.26	29	170	55	*1*	*1*	192
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.073	0.15	43	160	61	*1*	*1*	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.12	0.2	41	180	68	*1*	*1*	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.054	0.13	18	120	47	*1*	*1*	160
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.063	0.17	26	180	89	*1*	*1*	249
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.011	0.095	2.8	31	22	-1	-1	44.9
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.064	0.13	13	75	59	-1	-1	107
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.068	0.18	20	140	60	-1	-1	168
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.04	0.12	20	110	37	*1*	*1*	158
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	*0.1*	0.097	8.18	116	#N/A	#N/A	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	*0.01*	0.072	2.1	27	15	*1*	*1*	41
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.027	0.097	6.2	96	22	*1*	*1*	101

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Bromide (Br)	Dissolved Fluoride (F)	Dissolved Chloride (Cl)	Dissolved Sulphate (SO4)	Bicarbonate (HCO3)	Carbonate (CO3)	Hydroxide (OH)	Total Hardness (CaCO3)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.01***	***0.05***	***1***	***1***	***1***	***1***	***1***	***0.5***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.026	0.097	6	98	18	*1*	*1*	88.9
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.027	0.063	4.2	99	15	*1*	*1*	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.053	0.084	5.8	150	17	*1*	*1*	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.016	0.08	3.2	64	5.3	*1*	*1*	80.3
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.01	0.05	1	17	12	1	1	23.5
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.01	0.079	1	34	39	1	1	38
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.028	0.074	2.4	66	17	1	1	68.3
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.036	0.11	16	130	20	1	1	134
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	*0.1*	0.166	26.2	70	#N/A	#N/A	#N/A	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.017	0.15	3.7	53	31	*1*	*1*	76.7
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.068	0.17	38	130	42	*1*	*1*	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.051	0.18	15	86	40	*1*	*1*	118
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.01	0.28	1.9	20	11	*1*	*1*	31.6
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.057	0.24	7.3	72	15	*1*	*1*	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.09	0.25	13	100	19	*1*	*1*	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.02	0.25	2.9	56	14	*1*	*1*	66.5
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.029	0.21	6.3	*1*	8	*1*	*1*	#N/A
Ref-03		Camp impacted background		2023-06-13	0.017	0.19	9.2	4	9.5	*1*	*1*	25.7
Ref-03		Camp impacted background		2023-07-03	0.029	0.24	19	4.9	12	*1*	*1*	35.8
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	*0.01*	0.13	*1*	3.5	5.2	*1*	*1*	#N/A
Ref-06		Background		2023-06-13	*0.01*	0.13	*1*	3.5	4.1	*1*	*1*	6.71
Ref-06		Background		2023-07-03	*0.01*	0.15	*1*	5.5	6.5	*1*	*1*	11.9

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Aluminum (Al)	Total Antimony (Sb)	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0005***	***0.00002***	***0.00002***	***0.00002***	***0.00001***	***0.000005***	***0.01***	***0.000005***	***0.05***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.0455	0.00039	0.00184	0.0269	*0.0001*	*0.00005*	0.0481	0.000174	80.8
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#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?	Ore pad contact water S	2020-08-26	0.0216	0.00028	0.00175	0.041	*0.0001*	*0.00005*	0.0509	0.000525	135
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.0968	0.000234	0.00174	0.00761	*0.00001*	*0.000005*	0.02	0.0000732	42.7
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.0255	0.000199	0.000803	0.0147	*0.00001*	*0.000005*	0.054	0.0000477	96.4
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.126	0.00058	0.00238	0.0189	*0.00001*	*0.000005*	0.072	0.00052	228
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.0282	0.000368	0.00112	0.0164	*0.00001*	*0.000005*	0.06	0.00014	144
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.117	0.000495	0.00233	0.0186	*0.00001*	*0.00001*	0.068	0.000233	148
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.0234	0.000437	0.00245	0.0183	*0.00001*	*0.000005*	0.071	0.000177	140
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.0989	0.000166	0.00171	0.00467	*0.00001*	*0.00001*	0.021	0.000047	21.2
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.0199	0.0002	0.00105	0.00917	*0.00001*	*0.000005*	0.028	0.0000142	80.6
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.0521	0.000333	0.00205	0.0219	*0.00001*	*0.00001*	0.084	0.0000528	167
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.0323	0.00044	0.0018	0.0193	*0.00005*	*0.000025*	0.072	0.000216	137
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0298	0.00038	0.00189	0.0284	0.000015	*0.000005*	0.078	0.00031	130
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.0425	*0.0001*	0.00057	0.0275	*0.0001*	*0.00005*	0.104	0.0000391	105
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#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?	Ore pad tundra S	2020-08-07	#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?	Ore pad tundra S	2020-08-26	#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?	Ore pad tundra S	2023-06-10	0.0347	0.000024	0.000274	0.00995	*0.00001*	*0.000005*	0.057	0.0000214	26.6
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.092	*0.00002*	0.000281	0.00497	*0.00001*	0.0000066	0.014	0.0000249	6.63
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.0108	0.000035	0.000646	0.018	*0.00001*	*0.00001*	0.149	0.0000253	61.9
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.0182	0.000044	0.000944	0.03	0.000016	*0.00001*	0.186	0.0000364	113
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.0119	0.000045	0.000875	0.0311	*0.00001*	*0.000005*	0.119	0.0000066	180
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.0962	0.000033	0.00083	0.024	0.000012	*0.000005*	*0.01*	0.0000171	37.3
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.0335	0.000137	0.000173	0.00805	*0.00001*	*0.000005*	0.019	0.0000141	34.8
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#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?	Ore pad tundra NW	2020-08-07	#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?	Ore pad tundra NW	2020-08-26	#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?	Ore pad tundra NW	2021-06-16	0.344	0.000029	0.000317	0.008	0.000024	*0.000005*	0.016	0.0000467	17.1
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.128	0.000027	0.000062	0.00785	0.000037	*0.000005*	0.036	0.000115	24.4
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.19	*0.00002*	0.000151	0.00643	0.000025	*0.000005*	0.015	0.000052	15.6
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	8.21	0.000058	*0.00002*	0.0387	0.000976	*0.000005*	0.088	0.000584	209
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.208	0.000022	0.000193	0.00691	0.000023	*0.000005*	0.012	0.0000304	6.95
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.219	*0.00002*	*0.00002*	0.0055	0.000039	0.0000053	0.022	0.0000619	14.9
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	0.592	0.000022	*0.00002*	0.0131	0.000111	*0.000005*	0.039	0.000179	26.4
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	13.1	0.000049	*0.00002*	0.0538	0.00129	*0.000005*	0.133	0.00086	164
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.044	0.000057	0.000208	0.0274	0.000019	*0.000005*	0.058	0.0000698	51.4
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	4.77	*0.00002*	0.000101	0.023	0.000738	*0.00001*	0.055	0.000623	59.3
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0177	0.000035	0.000428	0.0156	*0.00001*	*0.000005*	0.012	0.0000102	21.4
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Aluminum (Al)	Total Antimony (Sb)	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0005***	***0.00002***	***0.00002***	***0.00002***	***0.00001***	***0.000005***	***0.01***	***0.000005***	***0.05***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#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	Ore pad East Lk inflow	2021-06-16	0.055	*0.00002*	0.000123	0.00687	*0.00001*	*0.000005*	0.011	*0.000005*	9.11
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.0358	*0.00002*	0.000115	0.0163	0.000011	*0.000005*	0.014	0.0000222	18.3
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.108	*0.00002*	0.000136	0.0145	*0.00001*	*0.000005*	*0.01*	0.0000061	14.5
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.0562	*0.00002*	0.000153	0.00859	*0.00001*	*0.000005*	0.013	*0.000005*	7.26
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	0.08	*0.00002*	0.000168	0.0098	0.000016	*0.000005*	*0.01*	*0.000005*	5.66
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.0562	*0.00002*	0.000154	0.00994	0.000021	*0.000005*	0.014	*0.000005*	6.83
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#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?	Camp pad contact water E	2022-06-14	0.0197	0.000715	0.00122	0.0239	*0.00001*	*0.000005*	0.044	0.0000108	99.4
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.222	0.000147	0.000789	0.012	0.00001	0.0000103	0.025	0.000028	21
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.101	0.000329	0.000503	0.00844	*0.00001*	*0.000005*	0.016	0.0000168	20.6
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.207	0.000278	0.000983	0.0174	0.000014	*0.000005*	0.112	0.0000254	41.7
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	0.0232	0.000342	0.000506	0.0179	*0.00001*	*0.000005*	0.029	0.000012	41.1
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.0882	0.000207	0.00022	0.00732	*0.00001*	*0.000005*	0.019	0.0000085	25.7
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.0204	0.000339	0.000236	0.0166	*0.00001*	*0.000005*	0.037	0.0000142	52.9
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.0132	0.000283	0.000218	0.0176	*0.00001*	*0.000005*	0.031	0.0000264	62.2
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.129	0.000227	0.000502	0.0192	0.000029	0.0000055	0.03	0.0000568	49.1
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.011	0.000276	0.000191	0.0121	*0.00001*	*0.000005*	0.028	0.0000147	43.3
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.0267	0.000443	0.000346	0.0214	*0.00001*	*0.000005*	0.034	0.0000188	74.8
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.0163	0.000275	0.000368	0.0102	*0.00001*	*0.000005*	0.026	0.0000108	33.1
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.0105	0.000319	0.000425	0.0117	*0.00001*	*0.000005*	0.027	0.0000105	47
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.00976	0.000728	0.000518	0.0218	*0.00001*	*0.000005*	0.04	0.0000228	72
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.0393	0.000155	0.000519	0.00383	*0.00001*	*0.000005*	0.014	0.0000138	10.6
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.0173	0.000247	0.000369	0.00701	*0.00001*	*0.000005*	0.022	0.0000065	28
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.216	0.000389	0.000852	0.0126	0.000017	*0.00001*	0.037	0.0000235	41.5
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.436	0.000573	0.00115	0.0242	0.000028	0.000013	0.048	0.0000331	74.7
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.0234	0.000493	0.000477	0.0231	*0.00001*	*0.000005*	0.05	0.0000234	84
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.129	0.000227	0.000502	0.0192	0.000029	0.0000055	0.03	0.0000568	49.1
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.0387	0.000178	0.000288	0.0176	0.00001	*0.00001*	0.03	0.0000241	63.5
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.0163	0.00024	0.000239	0.0148	*0.00001*	*0.00001*	0.03	0.0000199	60.3
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.0139	0.000267	0.000184	0.0134	*0.00001*	*0.00001*	0.032	0.0000117	50.3
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.0164	0.000202	0.000286	0.0189	*0.00001*	*0.00001*	0.028	0.0000073	64.3
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.0121	0.000235	0.000172	0.00893	*0.00001*	*0.000005*	0.024	0.0000051	32
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.0224	0.000235	0.000244	0.00888	0.000028	*0.000005*	0.023	0.0000186	35.9
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.0116	0.000209	0.000307	0.0197	*0.00001*	*0.000005*	0.031	0.0000092	64.6
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.0681	0.000278	0.000593	0.0225	*0.00001*	*0.000005*	0.029	0.000218	35.5
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.0216	0.000571	0.00133	0.0406	*0.00001*	*0.000005*	0.188	0.000467	123
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.053	0.000708	0.000667	0.0323	0.000014	*0.000005*	0.047	0.00006	51.7

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Aluminum (Al)	Total Antimony (Sb)	Total Arsenic (As)	Total Barium (Ba)	Total Beryllium (Be)	Total Bismuth (Bi)	Total Boron (B)	Total Cadmium (Cd)	Total Calcium (Ca)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.0005*	*0.00002*	*0.00002*	*0.00002*	*0.00001*	*0.000005*	*0.01*	*0.000005*	*0.05*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.00662	0.000244	0.00093	0.0267	*0.00001*	*0.000005*	0.166	0.00017	102
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	1.23	0.000201	0.0603	0.00821	0.000056	0.0000685	*0.01*	0.0000315	6.15
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.0537	0.000106	0.00448	0.0213	*0.00001*	*0.000005*	0.016	0.000033	28.5
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.0959	0.00028	0.00313	0.0121	*0.0001*	*0.00005*	0.0088	0.0000827	17.6
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.0419	0.00031	0.00255	0.012	*0.0001*	*0.00005*	0.0104	0.0000628	18.1
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.0452	0.0004	0.00369	0.0163	*0.0001*	*0.00005*	0.0099	0.0000806	25
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.144	0.00029	0.00325	0.0144	0.000012	0.0000072	0.018	0.0000881	19.3
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.0882	0.000117	0.000957	0.00954	0.000015	*0.000005*	0.014	0.000157	18.6
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.0205	0.000172	0.0014	0.0124	*0.00001*	*0.000005*	0.017	0.0000748	25
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.0896	0.000329	0.0231	0.00878	*0.00001*	*0.000005*	*0.01*	0.0000135	32.7
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.0198	0.000345	0.0288	0.0138	*0.00001*	*0.000005*	0.014	0.0000054	57.1
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.12	0.000305	0.00249	0.0112	*0.00001*	0.0000054	0.011	0.0000284	20.7
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	1.4	0.000366	0.00429	0.0173	0.00007	0.000048	0.013	0.000071	26.3
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.154	0.000212	0.0037	0.0182	*0.00001*	0.0000052	0.038	0.0000237	41.5
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.117	0.00031	0.00403	0.0141	*0.00001*	0.0000054	0.031	0.0000153	41.6
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	4.07	0.000463	0.0242	0.0526	0.000245	0.000312	0.03	0.000131	76.2
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.0335	0.00052	0.00172	0.0164	*0.0001*	*0.00005*	0.0553	0.000006	42.7
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.24	0.000114	0.00198	0.00642	*0.00001*	*0.000005*	0.013	0.0000155	15.7
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.108	0.000336	0.00344	0.00469	*0.00001*	*0.000005*	0.027	0.000014	13.5
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.149	0.000222	0.00147	0.00993	*0.00001*	0.0000064	0.023	0.0000106	28.6
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.0459	0.00017	0.00064	0.0234	*0.0001*	*0.00005*	0.0178	0.0000726	62.4
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.0289	0.000181	0.000455	0.0183	*0.00001*	*0.000005*	0.026	0.0000335	58.5
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.025	0.000119	0.00047	0.0157	*0.00001*	*0.000005*	0.021	0.0000337	62.1
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.0631	0.000178	0.000643	0.0256	0.00001	0.0000052	0.031	0.0000791	74.3
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.0279	0.000174	0.000509	0.0245	*0.00001*	*0.000005*	0.022	0.0000626	82.7
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.149	0.000224	0.000679	0.0202	*0.00001*	0.000006	0.038	0.0000495	54
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.0351	0.000214	0.000511	0.0228	*0.00001*	*0.000005*	0.042	0.0000593	81.2
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.19	0.000235	0.00136	0.00871	0.000014	0.0000129	0.012	0.0000348	15
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.31	0.000197	0.00118	0.0154	0.000034	0.000011	0.034	0.000048	35.5
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.113	0.000187	0.000544	0.018	-0.00001	0.0000052	0.043	0.0000476	56
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.0276	0.000229	0.00034	0.0179	*0.00001*	*0.000005*	0.04	0.0000356	51.5
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#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	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.0395	0.000099	0.000375	0.00819	*0.00001*	*0.000005*	0.015	0.0000158	13.4
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.0429	0.000061	0.000429	0.0171	0.000011	*0.000005*	0.028	0.0000601	30.1

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Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.0005*	*0.00002*	*0.00002*	*0.00002*	*0.00001*	*0.000005*	*0.01*	*0.000005*	*0.05*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.0347	0.00004	0.000353	0.0148	*0.00001*	*0.000005*	0.021	0.0000574	28.2
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.0288	0.000053	0.000338	0.0238	0.000016	*0.000005*	0.025	0.0000919	35.1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.0191	0.00005	0.000357	0.0248	*0.00001*	*0.000005*	0.023	0.0000775	48.2
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.024	0.00008	0.000329	0.0147	*0.00001*	*0.000005*	0.012	0.000029	26.5
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.0284	0.000082	0.00056	0.00542	0.00001	0.000005	0.013	0.0000153	8.03
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.043	0.000047	0.000385	0.0067	0.00001	0.000005	0.01	0.0000182	12.1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.0465	0.000054	0.000372	0.0121	0.00001	0.000005	0.017	0.0000413	21.6
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.169	0.00003	0.00111	0.0205	0.000014	0.0000123	0.025	0.000189	38.1
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#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	Waste rock pad lake inflow	2021-06-17	0.0462	0.000167	0.000472	0.00768	0.000014	*0.000005*	0.014	0.0000202	25.5
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.0166	0.000117	0.000262	0.0189	0.000014	*0.000005*	0.024	0.000067	61.4
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.0146	0.000139	0.000226	0.0124	*0.00001*	*0.000005*	0.019	0.0000196	39.2
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.106	0.00005	0.000186	0.00502	0.000021	*0.000005*	*0.01*	0.0000392	9.57
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.067	0.000046	0.00016	0.0154	0.000026	*0.000005*	0.011	0.0000732	26.7
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.133	0.000051	0.000247	0.0224	0.000026	*0.00001*	*0.01*	0.000105	36.7
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.0665	0.000061	0.000279	0.0123	0.000022	*0.000005*	0.012	0.0000728	19.3
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.0945	0.000024	0.000137	0.0081	0.000043	*0.000005*	*0.01*	0.0000281	4.98
Ref-03		Camp impacted background		2023-06-13	0.0604	*0.00002*	0.000097	0.00849	0.000024	*0.000005*	*0.01*	0.0000141	7.01
Ref-03		Camp impacted background		2023-07-03	0.0584	*0.00002*	0.000107	0.0124	0.000021	*0.000005*	*0.01*	0.0000204	8.99
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	0.0582	*0.00002*	0.000054	0.00259	0.000022	*0.000005*	0.043	0.0000166	2.32
Ref-06		Background		2023-06-13	0.0503	*0.00002*	0.000061	0.00209	0.000013	*0.000005*	*0.01*	0.0000134	1.96
Ref-06		Background		2023-07-03	0.0772	*0.00002*	0.000093	0.00337	0.000019	*0.000005*	*0.01*	0.0000169	3.25

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)	Total Manganese (Mn)
Units					**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL					***0.0001***	***0.000005***	***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.00015	0.00069	0.00315	0.061	*0.00005*	0.0114	11.3	0.0755
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.0001	0.00144	0.00247	0.02	*0.00005*	0.0122	23	0.44
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	*0.0001*	0.00215	0.00303	0.137	0.0000251	0.005	5.55	0.261
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.0001	0.000266	0.00206	0.0406	0.0000308	0.0087	11.6	0.0122
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.00011	0.0611	0.00308	0.173	0.000142	0.0212	17.7	0.532
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.00014	0.00971	0.00254	0.0179	0.0000172	0.0161	15.9	0.132
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.00017	0.0387	0.00243	0.24	0.000198	0.0173	17.5	0.597
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	*0.0001*	0.0242	0.002	0.0451	0.0000723	0.0158	15.2	0.693
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.00022	0.00148	0.00413	0.141	0.000042	0.00414	3.47	0.179
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	*0.0001*	0.000209	0.00204	0.0176	0.0000052	0.00699	12.3	0.0143
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.00016	0.00115	0.00238	0.113	0.000055	0.0156	21	0.0657
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	*0.0005*	0.0197	0.00186	0.0736	0.000159	0.0133	16.5	0.941
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	*0.0001*	0.00345	0.00263	0.103	0.0000187	0.00872	21.1	1.12
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.00014	0.0165	0.00127	1.06	*0.00005*	0.0145	19.6	0.167
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#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?	Ore pad tundra S	2020-08-07	#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?	Ore pad tundra S	2020-08-26	#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?	Ore pad tundra S	2023-06-10	*0.0001*	0.00277	0.00196	0.354	0.0000132	0.0031	4.65	0.0303
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.00017	0.00389	0.00203	0.172	0.000115	0.0009	1.23	0.0956
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	*0.0001*	0.0119	0.00094	0.584	*0.00002*	0.0073	12.1	0.109
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.0001	0.0498	0.00084	2.14	0.000031	0.0133	20	0.45
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	*0.0001*	0.0406	0.000291	4.15	0.0000127	0.0152	31.9	0.551
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.00034	0.0066	0.00198	1.08	0.000083	0.00429	6.1	0.208
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.00012	0.00102	0.00284	0.203	0.0000363	0.00179	5.67	0.0873
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#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?	Ore pad tundra NW	2020-08-07	#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?	Ore pad tundra NW	2020-08-26	#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?	Ore pad tundra NW	2021-06-16	0.00018	0.0185	0.00506	0.405	0.000123	0.00235	2.37	0.123
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	*0.0001*	0.0384	0.00485	0.0463	0.0000153	0.00565	3.64	0.351
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	*0.0001*	0.0223	0.00597	0.178	0.0000314	0.00433	2.23	0.136
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	*0.0001*	0.284	0.081	0.393	0.00019	0.0401	28	0.989
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.00011	0.0103	0.00562	0.449	0.00011	0.00161	1.1	0.0934
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	*0.0001*	0.0212	0.0063	0.0554	0.0000211	0.00434	2.57	0.146
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	*0.0001*	0.0691	0.0181	0.0162	0.0000148	0.00808	4.85	0.446
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.00011	0.358	0.136	0.097	0.000281	0.0332	26.6	1.79
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.0001*	0.0139	0.0029	0.357	0.0000238	0.00494	9.73	0.235
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.0001*	0.223	0.0456	0.113	0.000345	0.0219	12.7	1.52
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.00033	0.0004	0.00203	0.186	0.0000389	0.00105	6.08	0.0358
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)	Total Manganese (Mn)
Units					**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL					***0.0001***	***0.000005***	***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#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	Ore pad East Lk inflow	2021-06-16	0.00016	0.0000772	0.00162	0.0287	0.0000124	*0.0005*	2.14	0.00188
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	*0.0001*	0.000121	0.00171	0.0176	*0.000005*	*0.0005*	4.21	0.00322
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.00023	0.000188	0.00153	0.179	0.0000629	0.00067	3.38	0.00466
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.00011	0.0000478	0.0021	0.0245	0.0000159	0.00129	1.2	0.000488
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	*0.0001*	0.0000901	0.00293	0.0558	0.0000184	0.00134	1	0.00265
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	*0.0001*	0.0000532	0.00258	0.0172	0.0000055	0.00168	1.22	0.00056
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.00011	0.000422	0.00163	0.0497	0.0000459	0.0085	5.41	0.00387
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.00033	0.00503	0.00342	0.549	0.00064	0.00196	2.62	0.0265
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.00011	0.00229	0.00174	0.12	0.000169	0.00176	2.61	0.0186
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.00022	0.00446	0.00327	0.167	0.000214	0.00252	5.15	0.0222
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	*0.0001*	0.000241	0.00207	0.0121	0.0000173	0.00258	5.1	0.000329
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.00018	0.00027	0.00239	0.0802	0.0000287	0.00087	3.49	0.00213
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	*0.0001*	0.000286	0.00258	0.017	0.0000253	0.00211	7.77	0.00603
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	*0.0001*	0.000384	0.00327	0.0118	0.000136	0.00149	7.6	0.00602
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.00021	0.00549	0.00346	0.408	0.000134	0.00184	7.55	0.224
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.00011	0.000359	0.00237	0.0046	0.000013	0.00205	5.13	0.00208
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	*0.0001*	0.000495	0.00251	0.0381	0.000026	0.00313	8.31	0.00572
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	*0.0001*	0.000373	0.00272	0.0136	0.0000204	0.00178	4.84	0.00195
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	*0.0001*	0.000329	0.00261	0.0026	0.0000124	0.00191	5.32	0.0019
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	*0.0001*	0.000371	0.00233	0.0113	0.0000054	0.00377	8.18	0.00547
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	*0.0001*	0.00361	0.00175	0.0332	0.0000302	0.00138	1.35	0.0304
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	*0.0001*	0.000189	0.00225	0.0154	0.0000099	0.00185	3.9	0.0021
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.00029	0.00178	0.00341	0.32	0.000175	0.00233	5.88	0.04
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.00067	0.00231	0.00482	0.602	0.000339	0.0038	10.6	0.0497
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	*0.0001*	0.00121	0.00276	0.0279	0.0000224	0.00377	12.7	0.0223
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.00021	0.00549	0.00346	0.408	0.000134	0.00184	7.55	0.224
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.00015	0.000929	0.00263	0.13	0.000131	0.0014	7.4	0.0337
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.00012	0.000612	0.00241	0.0606	0.000141	0.00151	6.9	0.0191
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	*0.0001*	0.000403	0.00207	0.0196	0.000026	0.00188	5.77	0.00387
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	*0.0001*	0.000279	0.00187	0.0151	0.000031	0.00142	7.9	0.00553
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	*0.0001*	0.000284	0.0022	0.0069	0.0000272	0.00111	4.49	0.00145
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	*0.0001*	0.00066	0.00224	0.0157	0.0000266	0.00144	4.47	0.0293
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	*0.0001*	0.000342	0.00192	0.0166	0.0000089	0.00193	7.96	0.00993
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.00016	0.000301	0.00408	0.0894	0.0000674	0.00207	5.21	0.0246
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.00019	0.000377	0.00602	0.167	0.000182	0.00277	13.8	0.0379
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.00017	0.0003	0.00269	0.0985	0.000111	0.00301	5.59	0.0166

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)	Total Manganese (Mn)
Units					**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL					***0.0001***	***0.000005***	***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	*0.0001*	0.000107	0.00313	0.0323	0.0000582	0.00186	11.6	0.0033
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.00173	0.00173	0.00393	2.51	0.0019	0.00234	1.09	0.0353
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.00012	0.0017	0.00442	0.0513	0.0000337	0.00381	5.17	0.0152
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.00036	0.00238	0.00675	0.236	0.000226	0.0028	3.07	0.0366
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.0003	0.00191	0.00498	0.216	0.000242	0.0031	3.17	0.0341
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.00068	0.00218	0.00463	0.609	0.000318	0.0041	4.33	0.0864
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.00038	0.00261	0.00425	0.367	0.000533	0.00436	3.97	0.0349
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.0001	0.00661	0.00425	0.158	0.000241	0.00386	3.86	0.0336
ULU-4a		Portal Pond	Portal pond area	2024-07-30	*0.0001*	0.00107	0.00279	0.188	0.000172	0.00386	5.13	0.0164
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.00019	0.00161	0.00163	0.216	0.000298	0.00495	2.98	0.0293
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	*0.0001*	0.000417	0.00108	0.0217	0.0000358	0.00568	3.91	0.00815
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.00018	0.00131	0.00312	0.151	0.000188	0.00163	1.98	0.0177
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.00313	0.00407	0.00556	2.12	0.00159	0.00508	3.65	0.0503
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.00026	0.000749	0.00257	0.222	0.000282	0.0018	3.8	0.035
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00042	0.000482	0.00305	0.237	0.000325	0.00205	2.92	0.00675
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.009	0.00642	0.0242	9.66	0.00724	0.0173	6.83	0.124
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.00014	0.00017	0.00315	0.051	*0.00005*	0.0044	5.48	0.0018
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.00023	0.00268	0.00529	0.406	0.000424	0.0017	2.24	0.0125
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00021	0.00165	0.00474	0.223	0.000314	0.00259	1.55	0.00869
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00011	0.00238	0.00511	0.435	0.000344	0.00297	3.6	0.0104
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.00018	0.00018	0.00331	0.061	0.000072	0.0017	10.8	0.00872
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.00014	0.000266	0.00252	0.0371	0.0000629	0.00077	9.8	0.00132
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.00016	0.000314	0.00225	0.0338	0.0000455	*0.0005*	8.99	0.00228
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.00026	0.000441	0.00258	0.0992	0.000122	0.00094	8.91	0.019
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.00012	0.000252	0.00234	0.0432	0.000033	0.00065	11	0.00398
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.0003	0.000333	0.0022	0.278	0.000142	0.00111	6.21	0.00751
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.00014	0.000252	0.00258	0.0491	0.0000453	0.00074	11.3	0.00714
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.00035	0.00103	0.00261	0.284	0.000453	0.00079	1.95	0.0198
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.00062	0.000702	0.00235	0.486	0.000373	0.00141	4.39	0.0182
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.00025	0.00029	0.00224	0.181	0.00012	0.00093	8.07	0.00696
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.00011	0.000168	0.00165	0.0403	0.0000431	0.00067	7.05	0.00321
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#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	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	*0.0001*	0.0000962	0.00189	0.0153	0.0000088	*0.0005*	1.81	0.000526
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.00018	0.000237	0.00225	0.0401	0.0000472	*0.0005*	6.2	0.00379

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Chromium (Cr)	Total Cobalt (Co)	Total Copper (Cu)	Total Iron (Fe)	Total Lead (Pb)	Total Lithium (Li)	Total Magnesium (Mg)	Total Manganese (Mn)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.0001*	*0.000005*	*0.00005*	*0.001*	*0.000005*	*0.0005*	*0.05*	*0.00005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.00011	0.000211	0.00174	0.0335	0.0000375	*0.0005*	4.47	0.00473
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.00013	0.000506	0.00191	0.0128	0.0000533	*0.0005*	5.13	0.00518
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	*0.0001*	0.000214	0.00167	0.0249	0.000007	*0.0005*	7.76	0.00341
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	*0.0001*	0.000136	0.00194	0.016	0.0000114	*0.0005*	3.44	0.00172
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.0001	0.000127	0.00128	0.0206	0.0000195	0.0005	0.95	0.00266
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.00013	0.000183	0.00211	0.0402	0.000039	0.0005	1.75	0.00334
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.0001	0.00019	0.00204	0.0461	0.0000337	0.0005	3.77	0.00286
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.00038	0.0008	0.00306	0.212	0.000278	0.00155	9.74	0.0696
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#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	Waste rock pad lake inflow	2021-06-17	0.00013	0.000112	0.00147	0.0395	0.0000461	0.00051	3.17	0.00246
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.0001	0.00017	0.00164	0.0093	0.0000285	0.00055	7.61	0.00172
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	*0.0001*	0.0000814	0.00139	0.0142	0.0000111	*0.0005*	4.94	0.000909
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00015	0.000159	0.00213	0.0553	0.0000641	*0.0005*	1.86	0.00207
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	*0.0001*	0.000172	0.00185	0.0391	0.0000631	*0.0005*	5.35	0.00229
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.0002	0.000275	0.00224	0.137	0.000131	*0.0005*	7.64	0.00566
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00037	0.000378	0.00333	0.0488	0.0000614	*0.0005*	4.45	0.00484
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.00018	0.0000579	0.00244	0.0511	0.0000403	0.00117	1.42	0.00182
Ref-03		Camp impacted background		2023-06-13	*0.0001*	0.0000298	0.0019	0.0312	0.0000075	0.00085	2	0.00193
Ref-03		Camp impacted background		2023-07-03	0.00018	0.0000442	0.0024	0.0257	0.0000067	0.00105	3.24	0.00379
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	*0.0001*	0.000311	0.0021	0.0125	0.0000251	*0.0005*	0.584	0.0129
Ref-06		Background		2023-06-13	*0.0001*	0.0000902	0.00175	0.0107	0.0000121	*0.0005*	0.444	0.000552
Ref-06		Background		2023-07-03	0.00013	0.000154	0.00281	0.026	0.0000449	*0.0005*	0.923	0.00105

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0000019***	***0.00005***	***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	*0.000005*	0.000364	0.0106	*0.05*	7.59	0.000738	3.35	*0.00001*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	*0.000005*	0.000178	0.0202	*0.05*	10.6	0.000631	3.37	*0.00001*
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.0000073	0.000153	0.00784	0.0392	3.35	0.000273	2.09	0.0000081
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	*0.0000019*	0.0001	0.00698	0.0074	5.93	0.000602	2.34	*0.000005*
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.0000021	0.000922	0.0417	0.0262	9.61	0.00148	2.35	0.0000056
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	*0.0000019*	0.00038	0.0162	0.0051	8.16	0.000941	2.26	*0.000005*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	*0.0000019*	0.000809	0.0183	0.0303	8.07	0.00139	2.42	*0.00001*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.0000034	0.000723	0.0123	0.009	7.86	0.000981	2.4	*0.000005*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.0000084	0.000189	0.00618	0.0645	2.39	0.000163	1.63	0.00002
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	*0.0000019*	0.000109	0.00264	0.0049	4.53	0.000449	1.94	*0.000005*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.0000021	0.000208	0.00463	0.0321	9.15	0.00102	3.05	*0.00001*
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.0000024	0.00079	0.0122	0.026	7.39	0.00176	2.47	*0.000025*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0000028	0.00017	0.014	0.0199	8.67	0.000473	3.14	0.000013
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	*0.000005*	0.000108	0.0248	*0.05*	6.96	0.000803	3.41	*0.00001*
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#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?	Ore pad tundra S	2020-08-07	#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?	Ore pad tundra S	2020-08-26	#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?	Ore pad tundra S	2023-06-10	*0.0000019*	*0.00005*	0.00759	0.0108	1.65	0.00023	1.31	0.0000088
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.0000038	*0.00005*	0.0036	0.0357	0.841	0.000058	0.539	0.0000094
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	*0.0000019*	0.000096	0.0214	0.015	2.72	0.000246	0.542	*0.00001*
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	*0.0000019*	0.000052	0.0466	0.0713	4.56	0.000298	1.72	*0.00001*
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	*0.0000019*	0.000222	0.0372	0.0235	7.82	0.000139	3	*0.000005*
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	#N/A	0.000188	0.00318	0.0254	2.62	0.000225	2.45	0.0000069
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	#N/A	0.000147	0.00126	0.0114	2.54	0.000146	1.69	0.000009
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#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?	Ore pad tundra NW	2020-08-07	#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?	Ore pad tundra NW	2020-08-26	#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?	Ore pad tundra NW	2021-06-16	0.0000043	0.000152	0.00916	0.0243	1.29	0.000361	1.24	0.0000083
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	*0.0000019*	*0.00005*	0.0213	0.0052	1.41	0.000556	1.6	*0.000005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	*0.0000019*	*0.00005*	0.0118	0.0075	1.2	0.000212	1.63	*0.000005*
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	*0.0000019*	0.000056	0.13	0.0073	7.15	0.00262	5.68	*0.000005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.0000044	0.000231	0.00496	0.0247	0.737	0.000122	1	0.0000422
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	*0.0000019*	*0.00005*	0.0115	*0.002*	0.97	0.000213	1.46	*0.000005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	*0.0000019*	*0.00005*	0.0359	*0.002*	1.74	0.000546	2.39	*0.000005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	*0.0000019*	*0.00005*	0.164	0.015	6.83	0.00414	6.21	0.0000067
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000025	*0.00005*	0.0198	0.0071	1.96	0.000216	1.88	0.0000089
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000028	*0.00005*	0.102	*0.005*	3.33	0.00151	4.7	*0.00001*
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000038	*0.00005*	0.00102	0.0157	1.42	0.000049	1.08	0.0000054
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)
Units					**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL					***0.0000019***	***0.00005***	***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#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	Ore pad East Lk inflow	2021-06-16	0.000003	*0.00005*	0.00148	0.0057	0.941	*0.00004*	0.959	*0.000005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	*0.0000019*	*0.00005*	0.00219	*0.002*	1.32	*0.00004*	2.41	*0.000005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	*0.0000019*	*0.00005*	0.00171	0.006	1.16	*0.00004*	1.59	*0.000005*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.0000056	*0.00005*	0.000727	0.0065	0.801	*0.00004*	1.07	0.0000054
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	*0.0000019*	*0.00005*	0.000987	0.0052	0.619	*0.00004*	1.63	0.0000105
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.0000035	*0.00005*	0.000929	0.0058	0.565	*0.00004*	2.13	0.0000055
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	*0.0000019*	0.00164	0.00102	0.008	4.87	0.000531	2.22	*0.000005*
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.0000023	0.000544	0.00292	0.0192	1.82	0.000219	1.29	0.0000423
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	*0.0000019*	0.000708	0.00196	0.0086	1.9	0.000156	0.715	*0.000005*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	*0.0000019*	0.00318	0.00322	0.0118	3.13	0.000532	0.865	*0.000005*
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	*0.0000019*	0.00192	0.00209	0.0044	4.15	0.000121	0.943	*0.000005*
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.0000025	0.000395	0.00132	0.009	2.23	0.000203	1.28	*0.000005*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	*0.0000019*	0.000526	0.00203	0.0056	4.24	0.000215	1.65	*0.000005*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	*0.0000019*	0.000404	0.00201	0.004	3.96	0.000191	1.45	0.0000123
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.000003	0.000456	0.00363	0.0176	3.67	0.000109	0.982	0.0000076
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	*0.0000019*	0.000426	0.00158	*0.002*	2.99	0.000209	1.41	*0.000005*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	*0.0000019*	0.000712	0.00237	0.004	4.99	0.000232	1.73	*0.000005*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	*0.0000019*	0.000575	0.00161	0.0028	2.98	0.000217	1.47	0.0000054
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.0000021	0.000635	0.00172	0.003	3.16	0.000153	1.77	*0.000005*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	*0.0000019*	0.00068	0.00232	*0.002*	5.18	0.000167	1.83	0.0000051
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.0000021	0.000154	0.00252	0.0101	0.844	0.000105	0.753	0.00001
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	*0.0000019*	0.000399	0.00137	0.0043	2.19	0.000143	1.28	0.000008
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	*0.0000019*	0.000571	0.00226	0.008	3.35	0.000181	2	0.000013
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	*0.0000019*	0.000712	0.00357	0.0186	5.6	0.000194	2.37	0.000021
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	*0.0000019*	0.000637	0.00334	0.0081	5.42	0.000338	2.36	0.0000093
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.000003	0.000456	0.00363	0.0176	3.67	0.000109	0.982	0.0000076
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	*0.0000019*	0.000245	0.00186	0.0133	3.6	0.000139	0.809	*0.00001*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	*0.0000019*	0.000338	0.00156	0.0075	3.82	0.000216	1.19	*0.00001*
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	*0.0000019*	0.000308	0.00115	0.0084	2.93	0.000129	0.928	*0.00001*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	*0.0000019*	0.000173	0.0011	0.0065	3.87	0.000064	0.758	*0.00001*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	*0.0000019*	0.000219	0.000888	0.0049	2.78	0.000082	1	*0.000005*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.000002	0.000194	0.000992	0.0061	2.55	0.000064	0.969	*0.000005*
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	*0.0000019*	0.000234	0.00122	0.0025	4.09	0.000063	1.38	*0.000005*
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	*0.0000019*	0.000314	0.00164	0.0154	2.75	0.000132	1.42	0.0000052
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	*0.0000019*	0.00129	0.00361	0.0221	10.3	0.000206	2.33	0.0000089
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	*0.0000019*	0.00223	0.00117	0.0242	6	0.000142	1.49	0.0000109

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.0000019*	*0.00005*	*0.00002*	*0.002*	*0.05*	*0.00004*	*0.05*	*0.000005*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	*0.0000019*	0.000738	0.00188	0.0087	8.45	0.000199	1.82	0.0000055
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	*0.0000019*	0.000151	0.00314	0.0302	1.21	0.000065	2.05	*0.000005*
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	*0.0000019*	0.000096	0.00264	0.0043	2.46	0.000063	2.67	0.0000232
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	*0.000005*	0.000497	0.00594	*0.05*	1.91	0.000106	1.51	0.000012
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	*0.000005*	0.000438	0.0058	*0.05*	1.96	0.000124	1.36	*0.00001*
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	*0.000005*	0.00135	0.00683	*0.05*	2.58	0.000136	1.66	*0.00001*
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	*0.0000019*	0.000348	0.00646	0.0163	2.14	0.000237	1.24	0.0000168
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	*0.0000019*	0.000167	0.00795	*0.002*	1.67	0.000117	0.998	*0.000005*
ULU-4a		Portal Pond	Portal pond area	2024-07-30	*0.0000019*	0.00029	0.00678	0.0044	2.35	0.000095	1.06	*0.000005*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	#N/A	0.000311	0.00188	0.0138	3.56	0.000207	1.03	*0.000005*
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	*0.0000019*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	*0.0000019*	0.000506	0.00109	0.0023	5.18	0.000314	1.3	*0.000005*
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.0000028	0.000232	0.00245	0.0156	2.06	0.000138	1.05	0.000005
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	*0.0000019*	0.000313	0.00629	0.0495	2.8	0.000225	2.79	0.000014
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	*0.0000019*	0.000372	0.00166	0.0185	2.96	0.000377	1.76	*0.000005*
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	*0.0000019*	0.000422	0.00151	0.0135	3.48	0.000255	1.77	0.0000092
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	*0.0000019*	0.00104	0.0177	0.113	5.14	0.000376	8	0.000122
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	*0.000005*	0.000342	0.00156	*0.05*	2.88	0.000152	3.05	*0.00001*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.0000042	0.000181	0.0027	0.0246	1.39	0.000136	1.3	0.0000101
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.0000023	0.000161	0.0023	0.0104	1.25	0.000147	0.956	0.0000054
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	*0.0000019*	0.000149	0.00314	0.0191	1.74	0.000169	2.01	0.000009
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	*0.000005*	0.000136	0.00359	*0.05*	4.26	0.000196	2.21	*0.00001*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	*0.0000019*	0.000418	0.00185	0.0118	3.79	0.000294	1.69	*0.000005*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	*0.0000019*	0.000286	0.00228	0.0039	3.46	0.000342	1.82	*0.000005*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.0000019	0.000262	0.00273	0.0078	4.05	0.000279	1.73	0.0000052
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.0000027	0.000243	0.00247	0.007	4.33	0.000181	1.89	0.0000056
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	*0.0000019*	0.0003	0.00229	0.0087	3.46	0.000207	1.53	*0.000005*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	*0.0000019*	0.00029	0.0029	0.0086	4.59	0.000165	1.77	*0.000005*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	-0.0000019	0.000293	0.00188	0.0179	1.57	0.000096	0.963	0.0000088
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	-0.0000019	0.000305	0.00238	0.019	2.69	0.000155	1.5	-0.00001
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	-0.0000019	0.000387	0.00202	0.006	3.83	0.000186	1.51	-0.000005
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	*0.0000019*	0.000297	0.00182	0.007	3.62	0.000205	1.5	*0.000005*
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#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	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.0000037	0.000125	0.00224	0.012	1.08	0.000043	1.03	*0.000005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	*0.0000019*	0.000159	0.00508	0.0102	2.4	0.000127	2.14	*0.000005*

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Mercury (Hg)	Total Molybdenum (Mo)	Total Nickel (Ni)	Total Phosphorus (P)	Total Potassium (K)	Total Selenium (Se)	Total Silicon (Si)	Total Silver (Ag)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0000019***	***0.00005***	***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	*0.0000019*	0.000141	0.00475	0.0025	1.81	0.000112	2.24	*0.000005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.0000027	0.000324	0.00428	0.017	1.43	0.000069	1.92	0.0000092
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	*0.0000019*	0.000099	0.00588	0.0021	2.57	0.000097	2.38	*0.000005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	*0.0000019*	0.00017	0.00325	0.0028	1.46	0.000073	1.74	*0.000005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.0000031	0.000113	0.00139	0.0185	0.958	0.00004	0.663	0.000006
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.000002	0.0001	0.00248	0.003	0.876	0.000049	1.29	0.000005
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.0000019	0.000103	0.00381	0.0051	1.5	0.000074	1.96	0.000005
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.0000019	0.00005	0.012	0.0065	3.21	0.000119	3.1	0.0000148
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#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	Waste rock pad lake inflow	2021-06-17	0.0000029	0.000259	0.00114	0.0074	2.07	0.000196	1.05	*0.000005*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	*0.0000019*	0.000232	0.00189	0.0076	2.95	0.000256	1.67	*0.000005*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	*0.0000019*	0.000265	0.00125	0.004	2.73	0.000078	1.32	*0.000005*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.000002	0.000053	0.00115	0.0075	0.84	0.000062	1.41	*0.000005*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	*0.0000019*	0.000053	0.00144	0.0095	1.29	0.000088	1.85	*0.000005*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	*0.0000019*	0.000057	0.0022	0.0155	1.82	*0.00004*	2.31	*0.00001*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	*0.0000019*	0.000066	0.00177	0.0263	1.39	0.000045	1.6	*0.000005*
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.0000035	*0.00005*	0.00123	0.006	0.446	0.000054	1.61	*0.000005*
Ref-03		Camp impacted background		2023-06-13	*0.0000019*	*0.00005*	0.000973	0.0023	0.433	*0.00004*	1.87	*0.000005*
Ref-03		Camp impacted background		2023-07-03	*0.0000019*	*0.00005*	0.00245	*0.002*	0.581	*0.00004*	2.54	*0.000005*
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	*0.0000019*	0.00191	0.000818	*0.002*	0.137	0.000093	1.33	*0.000005*
Ref-06		Background		2023-06-13	*0.0000019*	*0.00005*	0.000662	0.0042	0.139	*0.00004*	0.985	*0.000005*
Ref-06		Background		2023-07-03	*0.0000019*	*0.00005*	0.00218	*0.002*	0.232	*0.00004*	1.49	*0.000005*

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.05*	*0.00005*	*3*	*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	63.9	0.098	95.5	0.000013	*0.0001*	0.00133	0.000132	*0.0005*	0.0976
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#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?	Ore pad contact water S	2020-08-26	126	0.18	129	0.000017	*0.0001*	0.00036	0.000077	*0.0005*	0.171
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	11.1	0.0378	27.4	0.000004	*0.0002*	0.00293	0.000145	*0.0002*	0.046
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	12.6	0.0967	98.5	0.0000041	*0.0002*	0.00091	0.0000682	*0.0002*	0.0409
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	7.19	0.169	161	0.0000093	*0.0002*	0.00138	0.000678	0.0002	0.29
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	9.94	0.142	133	0.000005	*0.0002*	*0.0005*	0.000227	*0.0002*	0.0974
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	9.78	0.151	153	0.000009	*0.0002*	0.0071	0.000336	0.00052	0.116
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	14.1	0.154	142	0.0000087	*0.0002*	*0.0005*	0.000327	*0.0002*	0.0842
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	7.44	0.0211	15	0.0000032	*0.0002*	0.0032	0.000168	0.00034	0.02
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	20.1	0.0764	70.4	0.0000034	*0.0002*	0.00066	0.0000958	*0.0002*	0.011
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	31	0.17	163	0.0000073	*0.0002*	0.0045	0.000142	0.00055	0.026
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	18.6	0.129	132	*0.00001*	*0.001*	*0.0025*	0.000406	*0.001*	0.12
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	75.8	0.155	133	0.000013	*0.0002*	*0.0005*	0.000097	*0.0002*	0.16
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	8.12	0.139	125	*0.00001*	*0.0001*	0.0015	0.000026	*0.0005*	0.0543
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#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?	Ore pad tundra S	2020-08-07	#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?	Ore pad tundra S	2020-08-26	#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?	Ore pad tundra S	2023-06-10	2.22	0.0297	19.3	0.0000037	*0.0002*	*0.0005*	0.0000403	*0.0002*	0.0146
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.728	0.00772	4	0.0000045	*0.0002*	0.00504	0.0000371	0.00027	0.0116
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	7.26	0.0589	67.3	0.0000069	*0.0002*	*0.002*	0.0000111	0.0002	0.0316
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	9.96	0.125	126	0.0000132	*0.0002*	0.0026	0.000016	0.00044	0.0599
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	10.5	0.18	186	0.0000021	*0.0002*	*0.0005*	0.0000147	*0.0002*	0.00966
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	1.02	0.041	25.1	0.0000042	*0.0002*	0.00147	0.0000563	0.00032	0.00579
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	5.09	0.0375	25.6	0.0000097	*0.0002*	0.00138	0.000322	*0.0002*	0.00162
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#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?	Ore pad tundra NW	2020-08-07	#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?	Ore pad tundra NW	2020-08-26	#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?	Ore pad tundra NW	2021-06-16	1.66	0.0198	7.6	0.0000073	*0.0002*	0.00487	0.000197	0.00021	0.017
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	4.46	0.0296	22.5	0.0000104	*0.0002*	*0.0005*	0.000161	*0.0002*	0.0429
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	1.88	0.0212	8.8	0.0000098	*0.0002*	0.00054	0.000235	*0.0002*	0.0242
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	10.5	0.14	196	0.0000567	*0.0002*	*0.0005*	0.00413	*0.0002*	0.3
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.784	0.0109	5	0.0000053	*0.0002*	0.00231	0.000217	*0.0002*	0.0108
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	2.16	0.0185	13.5	0.000007	*0.0002*	*0.0005*	0.000392	*0.0002*	0.0229
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	4.67	0.0375	27.1	0.0000163	*0.0002*	*0.0005*	0.000682	*0.0002*	0.0746
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	16.1	0.17	189	0.0000776	*0.0002*	*0.0005*	0.00772	*0.0002*	0.414
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	8.66	0.0744	57.1	0.0000068	*0.0002*	*0.0005*	0.000034	*0.0002*	0.0263
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	13.8	0.0747	80.6	0.0000506	*0.0002*	*0.002*	0.00101	*0.0002*	0.22
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	2.98	0.0428	15	0.0000051	*0.0002*	*0.0005*	0.0000391	*0.0002*	0.00377
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.05*	*0.00005*	*3*	*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#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	Ore pad East Lk inflow	2021-06-16	3.24	0.0115	5.6	*0.000002*	*0.0002*	0.00081	0.0000417	*0.0002*	0.00089
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	5.89	0.027	12.5	*0.000002*	*0.0002*	*0.0005*	0.0000349	*0.0002*	0.00196
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	4.67	0.0209	10.5	*0.000002*	*0.0002*	0.00392	0.0000365	0.00021	0.00252
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	1.53	0.0201	*3*	*0.000002*	*0.0002*	0.00089	0.0000712	*0.0002*	0.00709
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	1.54	0.0247	*3*	*0.000002*	*0.0002*	0.00119	0.0000714	*0.0002*	0.00075
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	1.65	0.0269	7	*0.000002*	*0.0002*	*0.0005*	0.0000648	*0.0002*	0.00213
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#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?	Camp pad contact water E	2022-06-14	2.64	0.106	61.2	0.0000134	*0.0002*	0.001	0.00128	*0.0002*	0.00151
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.587	0.0198	9.8	0.0000111	*0.0002*	0.0124	0.000304	0.00062	0.00949
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.658	0.0198	11.9	0.0000077	*0.0002*	0.00193	0.000404	*0.0002*	0.0045
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.98	0.0414	25.8	0.0000097	*0.0002*	0.00402	0.00128	0.00027	0.00698
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	1.67	0.042	21.7	0.0000106	*0.0002*	*0.0005*	0.000602	*0.0002*	0.0028
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	2.38	0.029	8.1	0.0000036	*0.0002*	0.0024	0.000239	*0.0002*	*0.0001*
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	5.98	0.0617	39.9	0.0000023	*0.0002*	*0.0005*	0.000638	*0.0002*	0.0022
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	6.4	0.0696	29.3	0.0000042	*0.0002*	*0.0005*	0.000805	*0.0002*	0.00247
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	5.95	0.0594	39.2	0.0000056	*0.0002*	0.00199	0.000351	0.00027	0.00707
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	3.37	0.048	33.4	0.0000038	*0.0002*	*0.0005*	0.000272	*0.0002*	0.00173
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	4.96	0.0865	58	0.0000042	*0.0002*	*0.0005*	0.000946	*0.0002*	0.00274
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	3.62	0.0381	22.9	0.0000036	*0.0002*	*0.0005*	0.000294	*0.0002*	0.00106
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	3.96	0.0445	28.9	0.0000042	*0.0002*	*0.0005*	0.000405	*0.0002*	0.00134
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	5.46	0.0824	53	0.0000058	*0.0002*	*0.0005*	0.00106	*0.0002*	0.00201
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.718	0.0113	6.3	0.000003	*0.0002*	0.0006	0.000117	*0.0002*	0.00515
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	3.72	0.0273	16.5	0.0000034	*0.0002*	*0.0005*	0.000201	*0.0002*	0.0015
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	5.85	0.0445	30.8	0.0000036	*0.0002*	0.0059	0.000568	0.0004	0.0039
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	9.15	0.0803	54.5	0.0000076	*0.0002*	0.0139	0.00182	0.00088	0.0071
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	13.7	0.104	68.6	0.0000056	*0.0002*	0.00421	0.00135	*0.0002*	0.00431
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	5.95	0.0594	39.2	0.0000056	*0.0002*	0.00199	0.000351	0.00027	0.00707
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	6.51	0.068	29.9	0.0000071	*0.0002*	*0.002*	0.000265	*0.0002*	0.0041
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	5.89	0.0668	29.7	0.0000042	*0.0002*	*0.002*	0.000364	*0.0002*	0.0021
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	3.9	0.0528	36.5	0.0000028	*0.0002*	*0.002*	0.000133	*0.0002*	0.0025
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	5.28	0.0785	51.3	0.0000032	*0.0002*	*0.002*	0.000142	*0.0002*	0.002
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	4.22	0.0364	21.9	0.000002	*0.0002*	*0.0005*	0.000113	*0.0002*	0.00043
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	3.74	0.0388	25.9	0.0000036	*0.0002*	*0.0005*	0.000118	*0.0002*	0.00117
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	5.54	0.0806	47.8	0.0000048	*0.0002*	*0.0005*	0.000296	*0.0002*	0.00086
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	2.35	0.0693	13.6	0.0000076	*0.0002*	0.00183	0.000735	*0.0002*	0.132
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	15.9	0.158	83.7	0.0000233	*0.0002*	0.00105	0.00535	*0.0002*	0.33
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	2.98	0.0854	24.6	0.0000111	*0.0002*	0.003	0.00157	*0.0002*	0.085

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.05*	*0.00005*	*3*	*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	13.9	0.0983	62.1	0.0000174	*0.0002*	*0.0005*	0.00308	*0.0002*	0.0147
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.384	0.00555	*3*	0.0000174	*0.0002*	0.0562	0.00013	0.00427	0.0125
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	11	0.117	9.9	0.0000105	*0.0002*	0.00067	0.000101	*0.0002*	0.00413
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	8.62	0.0264	13.9	*0.00001*	*0.0001*	0.00305	0.000232	*0.0005*	0.167
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	9.84	0.03	14.5	0.000017	*0.0001*	0.00097	0.000251	*0.0005*	0.167
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	13.4	0.041	18.5	0.00001	*0.0001*	0.00108	0.00067	*0.0005*	0.145
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	11	0.0529	13.3	0.0000092	*0.0002*	0.0046	0.000233	0.00035	0.186
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	8.84	0.0287	11.8	0.0000081	*0.0002*	0.00079	0.000267	*0.0002*	0.229
ULU-4a		Portal Pond	Portal pond area	2024-07-30	13.3	0.045	16.6	0.0000071	*0.0002*	*0.0005*	0.000351	*0.0002*	0.221
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	2.07	0.025	25.2	0.0000078	*0.0002*	0.00566	0.000155	0.00039	0.00282
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	2.74	0.0397	33.7	0.000008	*0.0002*	0.00057	0.000383	*0.0002*	0.00121
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.887	0.0166	12.5	0.0000077	*0.0002*	0.00409	0.000139	0.00028	0.00398
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	2.35	0.03	19.9	0.0000285	*0.0002*	0.0679	0.000348	0.00339	0.0226
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	3.07	0.0418	15.1	0.0000074	*0.0002*	0.00554	0.000267	0.00039	0.0053
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	2.15	0.0642	27.7	0.0000114	0.00025	0.00555	0.000258	0.00044	0.00524
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	4.4	0.082	31.4	0.000102	*0.0002*	0.243	0.00106	0.0151	0.0905
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	6.33	0.0597	29.4	*0.00001*	*0.0001*	0.00111	0.000142	*0.0005*	0.0056
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	1.34	0.0169	3.4	0.0000057	*0.0002*	0.00698	0.0000847	0.0007	0.0063
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.82	0.017	7.2	0.0000074	0.00074	0.00406	0.0000858	0.00044	0.00579
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	2.04	0.035	9.9	0.0000063	*0.0002*	0.00447	0.000117	0.00056	0.00713
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	27.1	0.0884	51.9	0.000023	*0.0001*	0.0018	0.000978	*0.0005*	0.0058
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	11	0.0741	49.6	0.0000071	*0.0002*	0.00104	0.00134	*0.0002*	0.00207
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	13.6	0.0727	32.4	0.0000057	*0.0002*	0.00104	0.00087	*0.0002*	0.00287
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	8.86	0.0849	47.7	0.0000114	*0.0002*	0.00317	0.00136	*0.0002*	0.00367
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	15.1	0.0997	56.9	0.0000097	*0.0002*	0.00083	0.00182	*0.0002*	0.00343
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	6.92	0.0657	27.6	0.0000133	*0.0002*	0.00815	0.00068	0.00042	0.00335
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	11.9	0.0973	55.9	0.0000107	*0.0002*	0.00184	0.00219	*0.0002*	0.0031
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	2.06	0.0177	7.6	0.0000078	-0.0002	0.00827	0.000201	0.00052	0.0049
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	4.68	0.0393	20.9	0.0000111	-0.0002	0.0131	0.000371	0.00076	0.0053
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	10.2	0.0656	40.1	0.0000095	-0.0002	0.00357	0.00104	0.00027	0.00423
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	9.12	0.0622	35.5	0.0000053	*0.0002*	0.00108	0.000344	*0.0002*	0.00295
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#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	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	1.91	0.0167	5	*0.000002*	*0.0002*	0.00055	0.0000671	*0.0002*	0.00106
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	11.7	0.0523	34.2	0.0000044	*0.0002*	0.00172	0.0000686	*0.0002*	0.00619

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Sodium (Na)	Total Strontium (Sr)	Total Sulphur (S)	Total Thallium (Tl)	Total Tin (Sn)	Total Titanium (Ti)	Total Uranium (U)	Total Vanadium (V)	Total Zinc (Zn)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.05*	*0.00005*	*3*	*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	9.38	0.0425	17.4	0.0000037	*0.0002*	0.00116	0.0000503	*0.0002*	0.00292
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	5.45	0.0514	31.1	0.0000099	*0.0002*	*0.0005*	0.0000991	0.00027	0.00222
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	9.94	0.0735	47.2	0.0000043	*0.0002*	*0.0005*	0.0000481	*0.0002*	0.00391
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	3.21	0.0377	16.4	0.0000028	*0.0002*	*0.0005*	0.0000559	*0.0002*	0.00205
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.699	0.0103	3.8	0.0000023	0.0002	0.0005	0.0000471	0.0002	0.00137
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	1.96	0.0147	7.9	0.0000031	0.0002	0.00139	0.0000828	0.0002	0.00105
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	4.89	0.0319	21.2	0.0000041	0.0002	0.00112	0.0000761	0.0002	0.00222
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	16.9	0.0687	44.8	0.0000102	0.0002	0.00711	0.000124	0.0004	0.0124
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#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	Waste rock pad lake inflow	2021-06-17	2.71	0.0268	7.8	0.0000031	*0.0002*	0.00163	0.000133	*0.0002*	0.00119
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	9.7	0.0694	38	0.0000066	*0.0002*	*0.0005*	0.000378	*0.0002*	0.00196
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	7	0.0484	19.3	0.0000042	*0.0002*	*0.0005*	0.000227	*0.0002*	0.00104
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	1.54	0.0117	4.6	0.0000032	*0.0002*	0.00234	0.000157	*0.0002*	0.00104
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	3.54	0.0344	22.7	0.0000051	*0.0002*	0.00164	0.000125	*0.0002*	0.00282
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	5.45	0.0515	32.9	0.0000068	*0.0002*	0.0038	0.000155	*0.0002*	0.005
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	3.79	0.0253	17.7	0.0000052	*0.0002*	0.0016	0.000135	0.00027	0.00435
Ref-03	Camp impacted background		Ref-03 (North of Camp)	2022-06-14	0.895	0.00892	*3*	0.0000035	*0.0002*	0.00112	0.000154	*0.0002*	0.00446
Ref-03	Camp impacted background			2023-06-13	1.15	0.0131	*3*	*0.000002*	*0.0002*	*0.0005*	0.0000953	*0.0002*	0.00211
Ref-03	Camp impacted background			2023-07-03	1.83	0.0199	*3*	*0.000002*	*0.0002*	*0.0005*	0.000103	*0.0002*	0.00312
Ref-06	Background		Ref-06 (North of Ulu Lake)	2022-07-03	0.581	0.00358	*3*	0.0000032	*0.0002*	*0.0005*	0.000135	*0.0002*	0.00252
Ref-06	Background			2023-06-13	0.324	0.00302	*3*	*0.000002*	*0.0002*	*0.0005*	0.000123	*0.0002*	0.00257
Ref-06	Background			2023-07-03	0.514	0.00535	*3*	0.0000037	*0.0002*	*0.0005*	0.000157	*0.0002*	0.00409

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)	Dissolved Antimony (Sb)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0001***	***0.0001***	***0.0001***	***0.00001***	***0.0002***	***0.0002***	***0.5***	***0.0005***	***0.00002***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.00033	*0.0001*	*0.0001*	0.000263	*0.0002*	0.0113	#N/A	0.028	0.00038
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.033	0.00032
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	*0.0002*	*0.0001*	*0.0001*	0.000286	*0.0002*	0.0131	#N/A	0.0203	0.00029
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	112	0.0445	0.0002
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	306	0.0105	0.000178
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	478	0.0182	0.00057
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	408	0.0118	0.000313
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	590	0.00865	0.00051
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	391	0.007	0.000398
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.00029	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0463	0.000168
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0141	0.000197
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.00016	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0069	0.000272
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	*0.0005*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0117	0.00044
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0263	0.000341
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	*0.0002*	*0.0001*	*0.0001*	0.00006	*0.0002*	0.00832	366	0.0151	*0.0001*
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0231	0.00016
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0556	0.00027
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0119	*0.0001*
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	86	0.0239	0.000032
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.00017	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0335	*0.00002*
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00595	0.000025
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00547	0.00004
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0129	0.000033
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.00037	#N/A	#N/A	#N/A	#N/A	#N/A	111	0.0744	*0.00002*
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	107	0.00738	0.000113
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.632	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.639	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.22	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.00014						47.7	0.0446	0.000031
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	68.7	0.0592	0.00003
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	48.5	0.0502	*0.00002*
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	537	7.2	0.000041
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.00016	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0967	*0.00002*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0909	*0.00002*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.384	*0.00002*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.00023	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	10.5	0.000035
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	154	0.0262	0.000051
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	193	4.45	*0.00002*
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	69.4	0.0102	0.000035
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0492	*0.0001*

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)	Dissolved Antimony (Sb)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0001***	***0.0001***	***0.0001***	***0.00001***	***0.0002***	***0.0002***	***0.5***	***0.0005***	***0.00002***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.032	*0.0001*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	28.7	0.037	*0.00002*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	63.3	0.0347	*0.00002*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.00019	#N/A	#N/A	#N/A	#N/A	#N/A	51.5	0.0272	*0.00002*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.00019						21.1	0.0389	*0.00002*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	0.00027	#N/A	#N/A	#N/A	#N/A	#N/A	18.1	0.0623	*0.00002*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.00021	#N/A	#N/A	#N/A	#N/A	#N/A	25.1	0.0662	0.000035
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0149	0.00198
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	272	0.00432	0.000738
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.00011						60.3	0.0263	0.000121
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	*0.0001*						62.3	0.0135	0.000289
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	128	0.0254	0.000223
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	118	0.01	0.000299
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.00013						79.2	0.0214	0.000192
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	139	0.0118	0.000269
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	188	0.0105	0.000263
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	133	0.00708	0.000178
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	128	0.0104	0.000266
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	233	0.00921	0.000442
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	98.7	0.00889	0.000221
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	127	0.0101	0.000343
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	208	0.00748	0.000736
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0224	0.000152
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0105	0.000274
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0081	0.000354
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.00023	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00753	0.000574
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0107	0.000539
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	133	0.00708	0.000178
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	178	0.00594	0.000182
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	171	0.00573	0.000224
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	130	0.00671	0.00023
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	203	0.00858	0.00021
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	95.1	0.00729	0.000191
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	123	0.00914	0.000258
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	190	0.00733	0.000206
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.00012						#N/A	0.0681	0.000278
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	382	0.00451	0.000506
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.00018	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00555	0.00077

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)	Dissolved Antimony (Sb)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.0001***	***0.0001***	***0.0001***	***0.00001***	***0.0002***	***0.0002***	***0.5***	***0.0005***	***0.00002***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00209	0.000298
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.00025						15.5	0.06	0.000134
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	87.4	0.0301	0.000088
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	*0.0002*	0.00047	*0.0001*	0.000067	*0.0002*	0.00282	#N/A	0.0959	0.00028
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	*0.0002*	0.00066	0.0001	0.000063	*0.0002*	0.00295	#N/A	0.023	0.00027
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	*0.0002*	0.00068	*0.0001*	0.000072	*0.0002*	0.00388	#N/A	0.0202	0.00036
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	54.8	0.0159	0.000178
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00552	0.000142
ULU-4a		Portal Pond	Portal pond area	2024-07-30	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00342	0.000172
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0041	0.000306
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00637	0.000336
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0317	0.000332
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.00022						79.1	0.0198	0.000359
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.00012						107	0.00783	0.000211
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	125	0.0059	0.000278
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00045	#N/A	#N/A	#N/A	#N/A	#N/A	216	0.00357	0.000368
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.00024	*0.0001*	*0.0001*	0.000071	*0.0002*	0.00416	#N/A	0.018	0.0005
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.00015						43.1	0.0234	0.000112
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	44.5	0.02	0.000337
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	87.2	0.0149	0.000227
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	*0.0002*	*0.0001*	*0.0001*	0.000025	*0.0002*	0.00493	#N/A	0.0072	0.00015
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	166	0.00692	0.000162
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	192	0.00506	0.000116
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	223	0.00822	0.000177
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	259	0.00883	0.000175
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	168	0.00845	0.000213
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	242	0.00813	0.000185
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.00025	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0217	0.000229
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.00035	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00848	0.000177
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	-0.0001	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.00694	0.000204
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	149	0.00508	0.000169
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0221	0.00015
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.00017						36.9	0.0277	0.000094
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.0002	#N/A	#N/A	#N/A	#N/A	#N/A	83.6	0.0154	0.000056

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Total Zirconium (Zr)	Total Tungsten (W)	Total Thorium (Th)	Total Cesium (Cs)	Total Tellurium (Te)	Total Rubidium (Rb)	Dissolved Hardness (CaCO3)	Dissolved Aluminum (Al)	Dissolved Antimony (Sb)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.0001*	*0.0001*	*0.0001*	*0.00001*	*0.0002*	*0.0002*	*0.5*	*0.0005*	*0.00002*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.00014	#N/A	#N/A	#N/A	#N/A	#N/A	89.1	0.0155	0.000045
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	96.2	0.0214	0.000053
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.00011	#N/A	#N/A	#N/A	#N/A	#N/A	157	0.015	0.000054
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.00018	#N/A	#N/A	#N/A	#N/A	#N/A	80.1	0.0174	0.000078
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.00012	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0245	0.000087
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.00024	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0283	0.000054
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.023	0.000047
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.00021	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0229	0.000024
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.0116	0.0002
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00012						71.2	0.0106	0.000168
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	168	0.00734	0.000122
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	124	0.00605	0.000144
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00021						28.5	0.0483	0.000046
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	78.6	0.0273	0.000044
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.00014	#N/A	#N/A	#N/A	#N/A	#N/A	128	0.0308	0.000046
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	61.9	0.0266	0.000049
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.00015	#N/A	#N/A	#N/A	#N/A	#N/A	17.9	0.0723	0.000021
Ref-03		Camp impacted background		2023-06-13	0.00022	#N/A	#N/A	#N/A	#N/A	#N/A	26.8	0.0549	*0.00002*
Ref-03		Camp impacted background		2023-07-03	0.00027	#N/A	#N/A	#N/A	#N/A	#N/A	39.3	0.0543	*0.00002*
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	7.46	0.0473	*0.00002*
Ref-06		Background		2023-06-13	*0.0001*	#N/A	#N/A	#N/A	#N/A	#N/A	7.13	0.0484	*0.00002*
Ref-06		Background		2023-07-03	0.00013	#N/A	#N/A	#N/A	#N/A	#N/A	11.9	0.0524	*0.00002*

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Arsenic (As)	Dissolved Barium (Ba)	Dissolved Beryllium (Be)	Dissolved Bismuth (Bi)	Dissolved Boron (B)	Dissolved Cadmium (Cd)	Dissolved Calcium (Ca)	Dissolved Chromium (Cr)	Dissolved Cobalt (Co)
Units					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***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.00174	0.0271	*0.0001*	*0.00005*	0.0503	0.000163	87	0.00012	0.00066
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	0.00169	0.0264	*0.0001*	*0.00005*	0.0696	0.000226	83.4	0.00011	0.00131
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.00173	0.0397	*0.0001*	*0.00005*	0.067	0.000523	131	0.00012	0.00151
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.0021	0.00783	*0.00001*	*0.000005*	0.028	0.0000859	35.3	0.00013	0.00286
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.000487	0.0136	*0.00001*	*0.000005*	0.04	0.0000412	103	*0.0001*	0.000133
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.00192	0.0185	*0.00005*	*0.000025*	0.092	0.000546	160	0.00079	0.0594
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.000796	0.0159	*0.00001*	*0.000005*	0.067	0.000122	140	0.00012	0.00669
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.00173	0.0183	*0.00001*	*0.000005*	0.075	0.000244	208	*0.0001*	0.0339
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.00208	0.0176	*0.00001*	*0.000005*	0.08	0.00016	133	*0.0001*	0.022
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.00158	0.00477	*0.00001*	*0.000005*	0.021	0.0000369	19.5	0.00018	0.00137
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.00101	0.00914	*0.00001*	*0.000005*	0.027	0.0000158	79.9	*0.0001*	0.000195
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.00148	0.0178	*0.00001*	*0.000005*	0.068	0.0000374	142	*0.0001*	0.000546
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.00164	0.0212	*0.00005*	*0.000025*	0.082	0.000257	142	*0.0005*	0.0209
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0018	0.0289	*0.00001*	*0.000005*	0.08	0.000348	122	0.00011	0.00367
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.00046	0.0291	*0.0001*	*0.00005*	0.096	0.0000247	112	0.00013	0.0112
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	0.00029	0.0223	*0.0001*	*0.00005*	0.0761	0.0000631	74.9	*0.0001*	0.0124
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	0.00033	0.0184	0.363	*0.00005*	0.535	0.000146	95.4	0.00083	0.0435
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	0.00067	0.0219	*0.0001*	*0.00005*	0.105	0.0000073	95.1	0.0001	0.0235
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.000235	0.00837	*0.00001*	*0.000005*	0.066	0.0000149	26.9	*0.0001*	0.00237
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.000206	0.00443	*0.00001*	*0.000005*	0.011	0.000023	7.11	*0.0001*	0.0037
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.000474	0.0172	*0.00001*	*0.000005*	0.134	0.0000223	66.5	*0.0001*	0.0101
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.000612	0.0265	*0.00001*	*0.000005*	0.153	0.0000325	102	0.00011	0.0448
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.000734	0.028	*0.00001*	*0.000005*	0.137	*0.000005*	176	0.00011	0.0425
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.000587	0.0188	0.000013	*0.000005*	0.01	0.0000131	36.5	0.00022	0.00508
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.000116	0.00715	*0.00001*	*0.000005*	0.021	0.0000127	35	*0.0001*	0.000883
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	0.00134	0.02	0.00015	*0.00005*	0.035	0.000191	51.2	*0.0001*	0.101
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	0.00103	0.0167	0.00016	*0.00005*	0.0496	0.00017	43.5	*0.0001*	0.0756
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	0.00083	0.0195	*0.0001*	*0.00005*	0.0867	0.000241	50.1	*0.0001*	0.0748
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.000128	0.00631	*0.00001*	*0.000005*	0.015	0.0000374	15.5	*0.0001*	0.0161
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.000086	0.00783	0.000025	*0.000005*	0.029	0.000114	22	*0.0001*	0.0361
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.000103	0.00587	0.000018	*0.000005*	0.029	0.000043	15.8	*0.0001*	0.0196
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	*0.00002*	0.0365	0.000909	*0.000005*	0.082	0.00051	176	*0.0001*	0.251
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.000195	0.00652	*0.00001*	*0.000005*	*0.01*	0.0000197	6.87	*0.0001*	0.0107
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.000057	0.00549	0.00003	*0.000005*	0.023	0.0000595	14.7	*0.0001*	0.0202
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	*0.00002*	0.0126	0.000113	*0.000005*	0.048	0.000212	27.6	*0.0001*	0.0735
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	*0.00002*	0.046	0.00136	*0.000005*	0.145	0.000728	149	0.00012	0.359
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.000131	0.0261	0.00002	*0.000005*	0.052	0.0000586	47.7	*0.0001*	0.0118
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.000046	0.0222	0.000718	*0.000005*	0.052	0.000605	57.2	*0.0001*	0.22
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.000357	0.0143	*0.00001*	*0.000005*	0.012	0.000011	19.3	0.00011	0.000353
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	0.00016	0.0194	*0.0001*	*0.00005*	0.0192	0.0000445	19.6	*0.0001*	0.00016

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Arsenic (As)	Dissolved Barium (Ba)	Dissolved Beryllium (Be)	Dissolved Bismuth (Bi)	Dissolved Boron (B)	Dissolved Cadmium (Cd)	Dissolved Calcium (Ca)	Dissolved Chromium (Cr)	Dissolved Cobalt (Co)
Units					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***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	0.00015	0.0223	*0.0001*	*0.00005*	0.0139	0.0000318	22	0.00011	*0.0001*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	0.000109	0.00609	*0.00001*	*0.000005*	0.012	0.0000058	8.26	*0.0001*	6.02E-05
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.00012	0.0159	*0.00001*	*0.000005*	0.014	0.0000199	18.4	*0.0001*	0.000117
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.000095	0.0112	*0.00001*	*0.000005*	0.016	0.000012	14.9	*0.0001*	3.63E-05
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.000143	0.00774	*0.00001*	*0.000005*	0.013	*0.000005*	6.57	0.0001	0.000039
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	0.000154	0.00742	0.000011	*0.000005*	0.02	*0.000005*	5.56	0.00011	4.74E-05
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.000227	0.0116	0.000013	*0.000005*	0.014	*0.000005*	7.39	0.00019	5.91E-05
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	0.00196	0.0165	*0.0001*	*0.00005*	0.0464	0.0000373	81.8	*0.0001*	0.0138
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.00139	0.0249	*0.00001*	*0.000005*	0.044	0.0000096	99.7	0.0001	0.00043
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.000358	0.0106	*0.00001*	*0.000005*	0.022	0.0000164	20.1	*0.0001*	0.0041
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.000349	0.0086	*0.00001*	*0.000005*	0.013	0.0000152	20.8	*0.0001*	0.00206
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.000364	0.0166	*0.00001*	*0.000005*	0.018	0.0000237	42.8	*0.0001*	0.00432
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	0.00038	0.0144	*0.00001*	*0.000005*	0.032	0.0000073	40.6	*0.0001*	0.000198
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.000171	0.00737	*0.00001*	*0.000005*	0.019	0.0000067	26.1	0.00011	0.000177
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.000198	0.0137	*0.00001*	*0.000005*	0.027	0.0000118	44.9	*0.0001*	0.000192
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.000205	0.0178	*0.00001*	*0.000005*	0.031	0.0000216	62.9	*0.0001*	0.000369
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.000194	0.0132	*0.00001*	*0.000005*	0.023	0.0000093	42.9	*0.0001*	0.00012
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.000191	0.012	*0.00001*	*0.000005*	0.025	0.00001	43.1	*0.0001*	0.000318
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.0003	0.0212	*0.00001*	*0.000005*	0.038	0.0000153	78.8	0.00011	0.000421
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.000312	0.00846	*0.00001*	*0.000005*	0.026	0.0000111	33.2	*0.0001*	0.000289
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.000497	0.0124	*0.00001*	*0.000005*	0.026	0.0000113	41.2	*0.0001*	0.000408
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.000522	0.0214	*0.00001*	*0.000005*	0.039	0.0000206	70.4	*0.0001*	0.000345
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.000486	0.00394	*0.00001*	*0.000005*	0.012	0.0000103	10	*0.0001*	0.00345
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.000363	0.00751	*0.00001*	*0.000005*	0.023	0.0000064	28.3	*0.0001*	0.000174
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.000373	0.0116	*0.00001*	*0.000005*	0.035	0.0000111	41.3	*0.0001*	0.00027
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.000409	0.023	*0.00001*	*0.000005*	0.046	0.000023	72.8	*0.0001*	0.000377
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.000458	0.0227	*0.00001*	*0.000005*	0.049	0.0000276	77.9	*0.0001*	0.00117
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.000194	0.0132	*0.00001*	*0.000005*	0.023	0.0000093	42.9	*0.0001*	0.00012
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.00019	0.0161	*0.00001*	*0.000005*	0.027	0.0000125	58.9	*0.0001*	0.000273
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.000186	0.0139	*0.00001*	*0.000005*	0.029	0.000016	57.8	*0.0001*	0.000322
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.000163	0.0121	*0.00001*	*0.000005*	0.021	0.0000084	43.4	*0.0001*	0.000297
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.000265	0.0187	*0.00001*	*0.000005*	0.029	0.0000067	67.5	*0.0001*	0.00025
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.000148	0.00742	*0.00001*	*0.000005*	0.025	*0.000005*	32.1	*0.0001*	0.000227
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.000253	0.0112	*0.00001*	*0.000005*	0.023	0.0000068	39.9	*0.0001*	0.000344
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.000298	0.0193	*0.00001*	*0.000005*	0.032	0.0000104	63.6	*0.0001*	0.000284
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.000593	0.0225	0.00001	0.000005	0.029	0.000218	35.5	0.00016	0.000301
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.000837	0.0364	*0.00001*	*0.000005*	0.155	0.000394	129	*0.0001*	0.000304
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.00064	0.032	*0.00001*	*0.000005*	0.055	0.0000606	51.8	0.00014	0.00022

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Arsenic (As)	Dissolved Barium (Ba)	Dissolved Beryllium (Be)	Dissolved Bismuth (Bi)	Dissolved Boron (B)	Dissolved Cadmium (Cd)	Dissolved Calcium (Ca)	Dissolved Chromium (Cr)	Dissolved Cobalt (Co)
Units					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***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.000844	0.0282	*0.00001*	*0.000005*	0.169	0.000155	102	*0.0001*	8.95E-05
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.0229	0.00328	*0.00001*	*0.000005*	*0.01*	0.0000075	5.46	0.00011	0.000361
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.00332	0.0168	*0.00001*	*0.000005*	0.019	0.0000253	28	*0.0001*	0.00135
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.00313	0.0121	0.0001	0.00005	0.0088	0.0000827	17.6	0.00036	0.00238
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.00182	0.0125	*0.0001*	*0.00005*	0.0074	0.0000667	18.8	0.00027	0.00208
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.00256	0.0155	*0.0001*	*0.00005*	0.0097	0.0000652	26.1	0.00062	0.00188
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.00181	0.011	*0.00001*	*0.000005*	0.011	0.0000635	16.6	0.00017	0.00192
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.000332	0.0105	*0.00001*	*0.000005*	0.015	0.000139	19.2	*0.0001*	0.00574
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.000471	0.0123	*0.00001*	*0.000005*	0.021	0.0000644	25.4	*0.0001*	0.00103
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.0161	0.00825	*0.00001*	*0.000005*	0.012	0.0000117	31.1	*0.0001*	0.00129
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.0286	0.0142	*0.00001*	*0.000005*	0.015	*0.000005*	55.7	*0.0001*	0.000368
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.00201	0.0116	0.000014	0.0000063	*0.01*	0.0000352	20.8	0.00015	0.00124
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.000931	0.0112	*0.00001*	*0.000005*	0.012	0.0000497	26.5	0.00015	0.00227
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.00286	0.0115	*0.00001*	*0.000005*	0.036	0.0000203	37.1	*0.0001*	0.00054
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00324	0.014	*0.00001*	*0.000005*	0.03	0.0000119	44.9	0.00018	0.000294
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00176	0.0237	*0.00001*	*0.000005*	0.042	0.0000167	78.1	*0.0001*	0.000167
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.00174	0.0171	*0.0001*	*0.00005*	0.0199	0.0000087	42.2	0.0001	0.00011
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.00119	0.00506	*0.00001*	*0.000005*	0.012	0.0000106	14.1	*0.0001*	0.00195
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00296	0.00462	*0.00001*	*0.000005*	0.026	0.0000081	15	*0.0001*	0.00144
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.000994	0.00828	*0.00001*	*0.000005*	0.036	0.000011	29.3	*0.0001*	0.00166
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.00053	0.0237	*0.0001*	*0.00005*	0.0182	0.0000707	63.1	0.00014	0.00012
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.000398	0.0167	*0.00001*	*0.000005*	0.019	0.0000215	52.9	0.0001	0.000195
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.000375	0.0157	*0.00001*	*0.000005*	0.02	0.0000292	62.1	0.00014	0.000262
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.00042	0.0239	*0.00001*	*0.000005*	0.025	0.0000617	75.5	*0.0001*	0.000278
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.000484	0.0248	*0.00001*	*0.000005*	0.024	0.0000491	84.6	0.00018	0.000222
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.00036	0.0184	*0.00001*	*0.000005*	0.051	0.0000436	56.9	*0.0001*	0.000146
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.000382	0.0224	*0.00001*	*0.000005*	0.036	0.0000496	78.1	0.00015	0.000186
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.000667	0.007	*0.00001*	*0.000005*	-0.01	0.0000322	14.9	*0.0001*	0.000639
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.000473	0.013	*0.00001*	*0.000005*	0.033	0.0000388	36.2	*0.0001*	0.000145
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.000356	0.0179	*0.00001*	*0.000005*	0.039	0.0000382	55.3	*0.0001*	0.000138
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.000249	0.0143	*0.00001*	*0.000005*	0.037	0.0000237	50.4	*0.0001*	7.56E-05
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	0.00063	0.0181	*0.0001*	*0.00005*	0.0073	0.000125	39.6	0.00012	0.00094
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.00035	0.00726	*0.00001*	*0.000005*	0.014	0.0000121	12.2	*0.0001*	8.17E-05
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.00025	0.0138	*0.00001*	*0.000005*	0.019	0.0000361	25.5	*0.0001*	0.00012

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Arsenic (As)	Dissolved Barium (Ba)	Dissolved Beryllium (Be)	Dissolved Bismuth (Bi)	Dissolved Boron (B)	Dissolved Cadmium (Cd)	Dissolved Calcium (Ca)	Dissolved Chromium (Cr)	Dissolved Cobalt (Co)
Units					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***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.000292	0.0152	*0.00001*	*0.000005*	0.022	0.0000565	28.2	*0.0001*	0.000162
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.00025	0.0219	*0.00001*	*0.000005*	0.021	0.0000448	31.2	*0.0001*	0.000399
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.000343	0.0243	*0.00001*	*0.000005*	0.025	0.0000729	49.5	0.0001	0.000208
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.000364	0.013	*0.00001*	*0.000005*	0.024	0.0000232	26.6	*0.0001*	0.000105
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.000542	0.00536	0.00001	0.000005	0.011	0.0000131	7.77	0.0001	0.000119
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.0003	0.00734	0.00001	0.000005	0.011	0.0000179	12.3	0.00013	0.000135
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.000269	0.0121	0.00001	0.000005	0.016	0.0000353	21.4	0.0001	0.000151
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.000469	0.0198	0.00001	0.000005	0.023	0.000176	37.7	0.0001	0.000551
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	0.00062	0.0139	*0.0001*	*0.00005*	0.0188	0.0000348	30.4	0.00015	*0.0001*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.000358	0.00769	*0.00001*	*0.000005*	0.014	0.0000263	23.5	*0.0001*	7.82E-05
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.00021	0.0189	*0.00001*	*0.000005*	0.02	0.0000508	55.2	*0.0001*	0.000132
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.000221	0.0119	*0.00001*	*0.000005*	0.034	0.0000225	41.3	*0.0001*	7.44E-05
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.000124	0.00449	0.000015	*0.000005*	*0.01*	0.0000226	8.66	0.00012	0.000111
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.000112	0.0146	0.000017	*0.000005*	*0.01*	0.0000642	23.7	*0.0001*	0.000129
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.000137	0.022	0.000015	*0.000005*	*0.01*	0.000109	38.1	*0.0001*	0.000141
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00009	0.00986	0.000016	*0.000005*	0.014	0.0000571	19	*0.0001*	0.000136
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.000113	0.00749	0.00003	*0.000005*	*0.01*	0.0000151	4.84	0.00016	3.57E-05
Ref-03		Camp impacted background		2023-06-13	0.00009	0.00743	0.000017	*0.000005*	0.012	0.00001	7.32	*0.0001*	2.83E-05
Ref-03		Camp impacted background		2023-07-03	0.000084	0.0133	0.000024	*0.000005*	0.017	0.000015	10.6	*0.0001*	3.42E-05
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	0.000124	0.00219	0.000013	*0.000005*	0.062	0.0000074	2.03	0.00016	0.000215
Ref-06		Background		2023-06-13	0.000054	0.00182	0.000017	*0.000005*	*0.01*	0.0000137	2.02	*0.0001*	6.85E-05
Ref-06		Background		2023-07-03	0.000054	0.00321	0.000015	*0.000005*	0.012	0.0000114	3.51	0.00018	9.76E-05

Notes

Renamed ID's

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Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Copper (Cu)	Dissolved Iron (Fe)	Dissolved Lead (Pb)	Dissolved Lithium (Li)	Dissolved Magnesium (Mg)	Dissolved Manganese (Mn)	Dissolved Mercury (Hg)	Dissolved Molybdenum (Mo)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***	***0.0000019***	***0.00005***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.00285	0.026	*0.00005*	0.0117	12.7	0.0881	*0.000005*	0.000387
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	0.00288	0.029	*0.00005*	0.0116	11.9	0.204	*0.000005*	0.000384
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.00237	0.02	*0.00005*	0.0129	23.3	0.441	*0.000005*	0.000187
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.00359	0.0374	0.0000236	0.00542	5.86	0.34	0.0000047	0.000202
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.00135	0.0047	0.0000104	0.00877	11.9	0.00621	*0.0000019*	0.00009
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.00239	0.0578	0.00045	0.0253	19.3	0.527	*0.0000019*	0.00075
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.00135	0.0117	0.0000097	0.0174	14.1	0.0958	*0.0000019*	0.000255
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.00163	0.0083	0.000012	0.018	17.1	0.55	*0.0000019*	0.000851
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.00159	0.0114	0.0000129	0.0158	14.7	0.617	0.0000023	0.000702
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.00395	0.0426	0.000014	0.00361	3.19	0.178	0.0000062	0.000166
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.00193	0.0085	0.0000151	0.00686	12.1	0.0135	*0.0000019*	0.000097
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.00194	0.0171	0.0000251	0.0151	20.3	0.0388	*0.0000019*	0.000164
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.00181	0.0393	0.000143	0.016	17.2	1.02	*0.0000019*	0.0009
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.00268	0.0738	0.0000141	0.00957	19.2	1.27	*0.0000019*	0.000187
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.00097	0.524	*0.00005*	0.015	20.7	0.13	*0.000005*	0.00007
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	0.00154	0.283	*0.00005*	0.011	12.6	0.0772	*0.000005*	0.000211
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	0.00291	0.12	*0.00005*	0.019	14.6	0.222	*0.000005*	0.000323
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	0.00089	1.48	*0.00005*	0.0124	17.8	0.275	*0.000005*	0.00012
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.00161	0.117	0.0000117	0.00264	4.56	0.0258	*0.0000019*	0.000054
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.00189	0.0545	0.0000231	0.00103	1.23	0.0855	0.0000026	*0.00005*
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.000644	0.271	0.000013	0.00711	11.1	0.0958	*0.0000019*	0.00008
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.000504	0.825	0.0000079	0.0126	19.5	0.41	*0.0000019*	*0.00005*
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.000346	2.53	0.0000106	0.0166	28.3	0.593	*0.0000019*	0.000176
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.00137	0.851	0.0000508	0.0041	4.84	0.163	0.0000104	0.000145
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.00229	0.166	0.0000088	0.0017	4.83	0.0872	0.0000022	0.000097
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	0.0263	0.017	0.000052	0.0127	6.84	0.398	*0.000005*	0.000512
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	0.0211	0.049	0.000104	0.0113	5.66	0.359	*0.000005*	0.000171
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	0.0112	0.017	*0.00005*	0.0086	10.9	0.946	*0.000005*	0.0001
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.00296	0.197	0.0000141	0.00232	2.18	0.109	0.0000037	0.000126
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.00321	0.0151	0.0000142	0.00471	3.37	0.327	*0.0000019*	*0.00005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.00351	0.0786	0.000008	0.00365	2.17	0.121	*0.0000019*	*0.00005*
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	0.0682	0.0668	0.000156	0.0411	23.8	0.916	*0.0000019*	*0.00005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.00465	0.35	0.0000226	0.00169	1.13	0.0928	0.0000026	0.000207
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.00393	0.0232	0.0000187	0.00429	2.57	0.141	*0.0000019*	*0.00005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	0.0139	0.0118	0.0000274	0.0101	5.48	0.484	*0.0000019*	*0.00005*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.138	0.0792	0.000352	0.0367	22.9	1.86	*0.0000019*	0.000053
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.00216	0.0792	0.0000056	0.00522	8.54	0.21	*0.0000019*	*0.00005*
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0447	0.07	0.000315	0.021	12.2	1.54	*0.0000019*	*0.00005*
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.00183	0.0714	0.0000212	0.00116	5.15	0.0318	0.0000031	*0.00005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	0.0026	0.013	*0.00005*	0.0011	4.93	0.00723	*0.000005*	*0.00005*

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Copper (Cu)	Dissolved Iron (Fe)	Dissolved Lead (Pb)	Dissolved Lithium (Li)	Dissolved Magnesium (Mg)	Dissolved Manganese (Mn)	Dissolved Mercury (Hg)	Dissolved Molybdenum (Mo)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***	***0.0000019***	***0.00005***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	0.00194	*0.01*	*0.00005*	*0.001*	6.32	0.00981	*0.000005*	*0.00005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	0.00159	0.0152	0.0000078	*0.0005*	1.96	0.00153	0.0000021	*0.00005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.00201	0.015	0.0000103	*0.0005*	4.23	0.00316	*0.0000019*	*0.00005*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.00138	0.0096	0.0000067	*0.0005*	3.48	0.000551	*0.0000019*	*0.00005*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.00195	0.0113	0.0000074	0.00131	1.14	0.000296	0.000003	*0.00005*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	0.00283	0.0205	0.000012	0.00111	1.04	0.000449	0.0000029	*0.00005*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.00373	0.0178	0.000011	0.00153	1.62	0.000379	0.0000037	*0.00005*
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	0.00306	*0.01*	*0.00005*	0.0076	7.55	0.0512	*0.000005*	0.00172
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.00158	0.002	0.0000101	0.00855	5.65	0.00227	*0.0000019*	0.00174
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.0022	0.0158	0.0000211	0.00166	2.47	0.0184	0.0000023	0.000547
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.00116	0.009	0.0000189	0.0019	2.52	0.0161	*0.0000019*	0.000748
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.00198	0.0105	0.0000279	0.00269	5.17	0.0209	*0.0000019*	0.000988
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	0.00156	0.0031	0.0000119	0.00234	4.06	0.000168	*0.0000019*	0.00158
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.00222	0.0105	0.000013	0.00083	3.42	0.00123	0.0000037	0.000458
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.00218	0.0047	0.000008	0.00166	6.45	0.00394	*0.0000019*	0.000423
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.00316	0.0072	0.000128	0.00179	7.6	0.00624	*0.0000019*	0.000387
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.00174	0.0051	0.0000074	0.00137	6.31	0.00117	*0.0000019*	0.000263
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.00216	0.0033	0.0000184	0.00176	4.92	0.00197	*0.0000019*	0.000388
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.00238	0.0047	0.0000207	0.00315	8.77	0.00368	*0.0000019*	0.000717
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.00224	0.0042	0.0000147	0.00176	3.81	0.00139	0.0000023	0.000472
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.0031	0.0048	0.0000204	0.00219	5.92	0.00251	*0.0000019*	0.000677
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.00226	0.0085	0.0000209	0.0037	7.82	0.00568	*0.0000019*	0.000663
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.00175	0.0169	0.0000106	0.00158	1.33	0.0282	*0.0000019*	0.000152
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.0022	0.0099	0.0000089	0.00187	3.89	0.00202	*0.0000019*	0.000405
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.0022	0.0044	0.0000133	0.00199	5.55	0.00338	*0.0000019*	0.000486
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.00244	0.0072	0.000018	0.0028	10.3	0.0105	*0.0000019*	0.000656
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.00261	0.0112	0.0000333	0.00416	12	0.0207	*0.0000019*	0.000614
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.00174	0.0051	0.0000074	0.00137	6.31	0.00117	*0.0000019*	0.000263
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.00195	0.0071	0.0000384	0.00149	7.44	0.00417	*0.0000019*	0.000169
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.0022	0.0122	0.000142	0.00131	6.57	0.00571	*0.0000019*	0.000314
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.00189	0.0035	0.0000225	0.00141	5.16	0.00077	*0.0000019*	0.000224
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.00178	0.0039	0.0000091	0.00154	8.45	0.00234	*0.0000019*	0.000173
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.00188	0.0038	0.0000244	0.0011	3.64	0.000997	0.000003	0.000144
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.00256	0.004	0.000031	0.00137	5.71	0.00155	*0.0000019*	0.000225
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.00173	0.0075	0.0000081	0.0019	7.43	0.00722	*0.0000019*	0.000233
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.00408	0.0894	0.0000674	0.00207	5.21	0.0246	0.0000019	0.000314
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.00442	0.0304	0.0000681	0.00254	14.4	0.0333	0.0000025	0.00113
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.00241	0.0163	0.0000207	0.00321	5.7	0.015	*0.0000019*	0.00228

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Copper (Cu)	Dissolved Iron (Fe)	Dissolved Lead (Pb)	Dissolved Lithium (Li)	Dissolved Magnesium (Mg)	Dissolved Manganese (Mn)	Dissolved Mercury (Hg)	Dissolved Molybdenum (Mo)
Units					**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
DL					***0.00005***	***0.001***	***0.000005***	***0.0005***	***0.05***	***0.00005***	***0.0000019***	***0.00005***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.00296	0.0086	0.0000213	0.00188	11.6	0.00301	*0.0000019*	0.00078
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.00115	0.0576	0.0000919	*0.0005*	0.457	0.00767	0.0000019	0.000085
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.00332	0.0153	0.0000159	0.00375	4.24	0.0127	*0.0000019*	0.000083
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.00675	0.236	0.000226	0.0028	3.07	0.0366	0.000005	0.000497
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.00366	0.12	0.000123	0.0029	3.59	0.0381	*0.000005*	0.000404
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.00334	0.16	0.00011	0.0032	4.93	0.0813	*0.000005*	0.00109
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.00251	0.104	0.000137	0.00322	3.24	0.0238	0.0000021	0.000283
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.00248	0.017	0.0000318	0.00387	4	0.0308	*0.0000019*	0.000195
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.00175	0.0203	0.0000192	0.00419	5.1	0.016	*0.0000019*	0.000298
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.000682	0.0061	0.0000053	0.00457	2.79	0.0228	*0.0000019*	0.000301
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.000954	0.0012	0.0000064	0.00547	3.93	0.00718	*0.0000019*	0.000503
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.00274	0.0138	0.0000734	0.00182	2.12	0.0153	*0.0000019*	0.000258
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.00141	0.0231	0.0000355	0.00237	3.17	0.0137	*0.0000019*	0.000284
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.00201	0.0085	0.0000256	0.00168	3.54	0.03	*0.0000019*	0.000362
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00258	0.0052	0.0000172	0.0021	3.17	0.00367	*0.0000019*	0.000406
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00287	0.003	0.000013	0.00243	5.04	0.00163	*0.0000019*	0.000878
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.00299	0.017	*0.00005*	0.0055	5.9	0.00093	*0.000005*	0.000341
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.00389	0.0133	0.0000315	0.00149	1.9	0.00658	*0.0000019*	0.000132
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00421	0.0135	0.0000331	0.00283	1.71	0.00631	0.0000019	0.000173
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00396	0.0101	0.0000158	0.00226	3.41	0.00548	*0.0000019*	0.000145
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.00256	*0.01*	*0.00005*	0.0011	12.4	0.00811	*0.000005*	0.000131
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.00231	0.0028	0.0000126	0.00055	8.3	0.000424	0.0000021	0.000333
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.00219	0.0043	0.0000094	*0.0005*	8.95	0.00113	*0.0000019*	0.000294
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.00206	0.006	0.0000201	0.00064	8.47	0.0148	0.0000023	0.00023
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.00233	0.0065	0.0000096	0.00063	11.7	0.00314	*0.0000019*	0.000275
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.00159	0.0043	0.0000147	0.00057	6.3	0.00268	*0.0000019*	0.000274
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.00254	0.0039	0.0000101	0.00062	11.4	0.00579	0.0000021	0.000285
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.00184	0.0201	0.0000377	0.00076	1.89	0.0101	*0.0000019*	0.000287
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.0014	0.006	0.0000087	0.00096	4.04	0.00399	*0.0000019*	0.0003
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.0018	0.0042	0.0000463	0.00063	7.28	0.00329	*0.0000019*	0.000411
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.00145	0.0028	0.0000103	0.00057	5.62	0.000597	*0.0000019*	0.000233
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	0.00276	*0.01*	*0.00005*	*0.001*	6.27	0.044	*0.000005*	0.000272
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.00177	0.0094	0.0000136	*0.0005*	1.59	0.000309	0.000002	0.000114
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.00173	0.0041	0.0000085	*0.0005*	4.85	0.00142	*0.0000019*	0.00014

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Copper (Cu)	Dissolved Iron (Fe)	Dissolved Lead (Pb)	Dissolved Lithium (Li)	Dissolved Magnesium (Mg)	Dissolved Manganese (Mn)	Dissolved Mercury (Hg)	Dissolved Molybdenum (Mo)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.00005*	*0.001*	*0.000005*	*0.0005*	*0.05*	*0.00005*	*0.0000019*	*0.00005*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.00176	0.0046	0.0000079	*0.0005*	4.54	0.0035	*0.0000019*	0.000112
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.00182	0.0099	0.0000248	*0.0005*	4.44	0.00434	*0.0000019*	0.000097
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.00169	0.0148	0.0000083	*0.0005*	8.06	0.00312	*0.0000019*	0.000103
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.00191	0.0066	0.0000138	*0.0005*	3.34	0.00116	*0.0000019*	0.000136
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.00138	0.0141	0.0000151	0.0005	0.982	0.00237	0.0000022	0.000122
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.00219	0.0135	0.0000135	0.0005	1.77	0.00245	0.0000022	0.000112
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.0019	0.0098	0.0000125	0.0005	3.6	0.00198	0.0000019	0.000097
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.00236	0.0083	0.0000131	0.00154	9.59	0.0616	0.0000019	0.00005
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	0.00214	0.02	*0.00005*	*0.001*	5.15	0.00167	*0.000005*	0.000316
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00142	0.0038	0.0000124	*0.0005*	3.06	0.00154	*0.0000019*	0.000277
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.00164	0.0024	0.0000142	*0.0005*	7.4	0.00115	*0.0000019*	0.000219
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.0014	0.0019	0.0000112	*0.0005*	5.04	0.000603	*0.0000019*	0.000242
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00193	0.0087	0.0000148	*0.0005*	1.68	0.00089	0.000002	0.000084
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.00171	0.0048	0.0000158	*0.0005*	4.72	0.00115	*0.0000019*	*0.00005*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.00192	0.0028	0.0000119	*0.0005*	8.12	0.00166	*0.0000019*	*0.00005*
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00154	0.0081	0.0000126	*0.0005*	3.51	0.00157	0.0000021	*0.00005*
Ref-03	Camp impacted background		Ref-03 (North of Camp)	2022-06-14	0.00231	0.0294	0.000017	0.00098	1.42	0.00149	0.0000045	*0.00005*
Ref-03	Camp impacted background			2023-06-13	0.00183	0.0198	0.0000105	0.00069	2.07	0.00182	*0.0000019*	*0.00005*
Ref-03	Camp impacted background			2023-07-03	0.00193	0.0221	0.0000085	0.0015	3.12	0.00342	0.0000023	*0.00005*
Ref-06	Background		Ref-06 (North of Ulu Lake)	2022-07-03	0.00208	0.0088	0.000021	*0.0005*	0.579	0.00894	0.0000051	0.000345
Ref-06	Background			2023-06-13	0.00169	0.0054	0.0000114	*0.0005*	0.505	0.000748	*0.0000019*	*0.00005*
Ref-06	Background			2023-07-03	0.00182	0.0104	0.0000156	*0.0005*	0.762	0.000666	*0.0000019*	0.000159

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nickel (Ni)	Dissolved Phosphorus (P)	Dissolved Potassium (K)	Dissolved Selenium (Se)	Dissolved Silicon (Si)	Dissolved Silver (Ag)	Dissolved Sodium (Na)	Dissolved Strontium (Sr)	Dissolved Sulphur (S)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***	***0.05***	***0.00005***	***3***
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.0109	*0.05*	8.28	0.00069	3.37	*0.00001*	67.1	0.1	94.8
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	0.0109	*0.05*	7.16	0.000842	3.37	*0.00001*	48.6	0.0988	83.6
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.0203	*0.05*	10.4	0.000666	3.27	*0.00001*	135	0.169	137
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.00898	0.0156	3.83	0.000244	1.82	*0.000005*	11.5	0.0416	35.8
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.006	0.0033	5.34	0.000739	2.22	*0.000005*	11.7	0.0907	78.8
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.0418	0.013	9.25	0.00184	2.38	*0.000025*	7.28	0.156	155
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.011	0.0022	6.22	0.000942	2.35	*0.000005*	9.3	0.12	110
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.0167	0.0102	8.1	0.00155	2.37	*0.000005*	9.78	0.145	152
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.0111	*0.002*	7.33	0.000953	2.2	*0.000005*	13.5	0.139	134
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.00609	0.0117	2.34	0.000114	1.31	0.0000069	7.68	0.0221	15.1
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.00254	0.0056	4.45	0.000467	1.93	*0.000005*	19.8	0.0764	71
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.00379	0.0118	8.32	0.000727	3.04	*0.000005*	27.4	0.147	144
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	0.0127	0.011	7.96	0.00154	2.44	*0.000025*	17.7	0.135	133
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0154	0.0151	8.49	0.000475	2.65	*0.000005*	75.3	0.171	136
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.0259	*0.05*	7.45	0.000656	3.18	*0.00001*	8.97	0.142	110
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	0.0234	*0.05*	5.75	0.00106	3.82	*0.00001*	5.73	0.0946	82.2
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	0.0459	*0.05*	6.76	0.00154	5.1	*0.00001*	8.68	0.117	100
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	0.0295	*0.05*	5.99	0.000206	2.41	*0.00001*	14.2	0.124	114
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.00661	0.0058	1.6	0.000225	1.19	0.000005	2.29	0.027	18.9
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.00347	0.0092	0.778	0.000057	0.396	*0.000005*	0.742	0.0085	3.9
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.0173	0.0067	2.56	0.000213	0.491	*0.000005*	6.42	0.058	61.3
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.041	0.01	4.16	0.000114	1.76	*0.000005*	9.07	0.11	113
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.039	*0.002*	7.5	0.00015	2.67	*0.000005*	10	0.173	176
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.0026	0.0118	2.04	0.000207	2.3	*0.000005*	0.891	0.0332	21.1
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.00108	0.0035	2.01	0.000203	1.62	*0.000005*	4.68	0.0332	25.1
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	0.0503	*0.05*	3.49	0.000997	4.09	*0.00001*	3.55	0.0674	51.7
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	0.0378	*0.05*	3.06	0.000877	4.51	*0.00001*	5.92	0.0572	44.8
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	0.0411	*0.05*	3.08	0.000956	4.19	*0.00001*	22.3	0.0782	57.4
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.00759	0.0042	1.12	0.000341	1.07	*0.000005*	1.58	0.0184	6.9
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.0196	0.0041	1.38	0.000534	1.45	*0.000005*	4.2	0.0299	22.6
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.00969	0.0022	1.06	0.00022	1.65	*0.000005*	1.85	0.0191	9.6
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	0.114	*0.002*	6.6	0.00232	5.42	*0.000005*	9.11	0.143	184
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.00492	0.0066	0.714	0.000104	0.871	0.0000139	0.792	0.0117	4.9
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.0106	0.003	0.934	0.00023	1.45	*0.000005*	2.21	0.0184	13.6
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	0.0374	0.0045	1.85	0.000438	2.68	*0.000005*	5.5	0.0376	31.3
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.168	0.0042	6.45	0.00371	5.3	*0.000005*	14	0.164	173
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0164	0.0047	1.9	0.000154	1.73	*0.000005*	7.78	0.072	52.3
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.102	0.0021	3.33	0.00146	4.61	*0.000005*	13.3	0.0772	77.9
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.00123	0.0031	1.32	*0.00004*	0.993	*0.000005*	2.67	0.0411	14.2
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	0.00279	*0.05*	1.06	*0.00005*	2.85	*0.00001*	4.76	0.0321	20.9

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nickel (Ni)	Dissolved Phosphorus (P)	Dissolved Potassium (K)	Dissolved Selenium (Se)	Dissolved Silicon (Si)	Dissolved Silver (Ag)	Dissolved Sodium (Na)	Dissolved Strontium (Sr)	Dissolved Sulphur (S)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***	***0.05***	***0.00005***	***3***
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	0.00278	*0.05*	1.29	*0.00005*	3.25	*0.00001*	6.26	0.0378	28.5
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	0.00131	*0.002*	0.862	*0.00004*	1.03	*0.000005*	3.05	0.0111	5.2
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	0.00215	0.0021	1.3	*0.00004*	2.43	*0.000005*	5.94	0.0271	12.3
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	0.0014	0.0025	1.09	0.000052	1.5	*0.000005*	4.98	0.0202	12.9
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	0.000719	0.0029	0.781	*0.00004*	1.17	0.0000055	1.5	0.0197	*3*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	0.00101	0.0043	0.581	0.000071	1.58	0.0000064	1.67	0.0216	*3*
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	0.00113	*0.002*	0.69	*0.00004*	2.32	0.0000052	2.52	0.0382	8.1
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	0.00903	*0.05*	6.31	0.00037	2.33	*0.00001*	3.19	0.0973	59.4
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.00104	0.004	5.15	0.000546	2.23	*0.000005*	2.79	0.11	61.9
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.00213	0.0042	1.86	0.000198	1.14	0.0000052	0.666	0.0224	10.4
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.00164	*0.002*	1.98	0.000122	0.727	*0.000005*	0.715	0.0214	12.3
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.00288	0.0065	3.22	0.000195	0.79	*0.000005*	1.04	0.0435	27.7
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	0.00156	0.0023	3.23	0.000191	0.901	*0.000005*	1.43	0.0361	21.7
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.00116	0.006	2.26	0.000187	1.16	*0.000005*	2.46	0.0287	7.6
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.00161	0.0043	3.57	0.000129	1.46	*0.000005*	5.02	0.0579	32.5
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.00194	0.0031	4	0.000185	1.5	*0.000005*	6.57	0.071	29.9
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.00115	0.0056	3.07	0.000084	0.826	*0.000005*	5.09	0.0548	30.8
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.0016	*0.002*	2.79	0.000152	1.39	*0.000005*	3.14	0.0462	35.8
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.00233	0.0021	5.05	0.000255	1.72	*0.000005*	5.09	0.0875	58.1
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.00125	0.0021	2.28	0.000229	1.45	*0.000005*	2.86	0.032	20.1
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.00232	*0.002*	3.38	0.00012	1.61	*0.000005*	4.42	0.0518	30.9
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.00215	*0.002*	5.13	0.000157	1.79	*0.000005*	5.19	0.0842	52.3
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.00257	0.005	0.797	0.000116	0.682	*0.000005*	0.714	0.0115	6.2
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.00132	*0.002*	2.17	0.000145	1.28	0.0000067	3.58	0.0296	16.6
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.00149	0.004	3.48	0.000142	1.53	*0.000005*	5.43	0.0465	25.1
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.00251	0.0048	5.68	0.000187	1.77	*0.000005*	9.14	0.0911	55.6
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.00326	0.0074	5.2	0.00036	2.05	0.0000071	13.1	0.102	72.2
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.00115	0.0056	3.07	0.000084	0.826	*0.000005*	5.09	0.0548	30.8
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	0.00146	0.0029	3.49	0.000082	0.731	*0.000005*	6.54	0.0636	30.1
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.00138	*0.002*	3.72	0.000158	1.12	*0.000005*	5.64	0.0643	26.5
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.00112	*0.002*	2.77	0.000166	0.781	0.0000056	3.47	0.0502	47.1
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.00107	0.0023	3.94	0.000074	0.764	*0.000005*	5.64	0.0807	52.7
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.000686	0.0031	2.17	0.000122	0.969	*0.000005*	3.47	0.031	18.1
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.00105	*0.002*	3.08	0.000078	1.06	*0.000005*	4.93	0.0517	31
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.00108	*0.002*	4.06	0.000062	1.34	*0.000005*	5.32	0.0791	46
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.00164	0.0154	2.75	0.000132	1.42	0.0000052	2.35	0.0693	13.6
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.00318	0.0132	9.26	0.000192	2.24	0.0000057	14.8	0.148	70.1
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.00114	0.0074	6.73	0.00013	1.37	*0.000005*	3.19	0.0862	29.3

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nickel (Ni)	Dissolved Phosphorus (P)	Dissolved Potassium (K)	Dissolved Selenium (Se)	Dissolved Silicon (Si)	Dissolved Silver (Ag)	Dissolved Sodium (Na)	Dissolved Strontium (Sr)	Dissolved Sulphur (S)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***	***0.05***	***0.00005***	***3***
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.00179	0.0055	8.45	0.000195	1.81	*0.000005*	13.8	0.106	63.2
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.000829	0.0069	0.993	0.000045	0.378	*0.000005*	0.385	0.00553	*3*
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.00204	0.003	1.99	0.000088	2.41	0.0000058	9.22	0.1	7.9
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.00594	0.05	1.91	0.000106	1.51	0.000012	8.62	0.0264	13.9
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.00612	*0.05*	2.18	0.00011	1.41	*0.00001*	11.5	0.0311	15.2
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.00667	*0.05*	2.66	0.000124	1.66	*0.00001*	13.6	0.0409	19.8
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.00469	0.0062	1.83	0.000137	0.992	*0.000005*	9.51	0.0488	11
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.00716	*0.002*	1.71	0.000108	0.975	*0.000005*	9.2	0.0334	12.5
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.00632	0.0031	2.4	0.000048	1.05	*0.000005*	13.2	0.0457	16.7
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.00149	0.006	3.11	0.000189	0.892	*0.000005*	1.98	0.024	22.2
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.00103	*0.002*	5.1	0.000305	1.25	*0.000005*	2.79	0.04	34.7
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.00245	0.0094	2.21	0.000124	0.895	0.0000072	0.991	0.021	14.7
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.00329	0.0031	2.63	0.000198	1.15	*0.000005*	2.39	0.0311	21.4
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.00139	0.004	2.74	0.000317	1.5	*0.000005*	2.94	0.0403	10.2
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00113	0.0059	3.95	0.000136	1.58	*0.000005*	2.43	0.0732	30
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00169	0.0056	4.46	0.000158	2.49	*0.000005*	4.73	0.0733	34.2
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.00177	*0.05*	3.09	0.000121	3.02	*0.00001*	6.53	0.0588	29.5
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.00207	0.0066	1.24	0.000091	0.867	*0.000005*	1.29	0.016	3.8
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.00195	0.0077	1.47	0.000082	0.837	*0.000005*	1.01	0.02	7.3
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.00267	0.0056	1.57	0.000194	1.83	0.0000071	2.02	0.0314	11
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.00365	*0.05*	4.48	0.000187	2.28	*0.00001*	31.8	0.0905	53.3
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.00149	0.0069	3.33	0.000234	1.56	*0.000005*	9.54	0.0709	41.5
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.00218	0.0023	3.36	0.000317	1.83	*0.000005*	13.7	0.073	33
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.00258	0.0057	3.83	0.000243	1.67	*0.000005*	8.15	0.0825	62.3
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.00243	0.005	4.45	0.000173	1.86	*0.000005*	16.2	0.102	60.6
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.00174	0.0044	3.27	0.000134	1.39	0.0000066	7.5	0.062	30.5
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.00271	0.0063	4.48	0.000124	1.74	*0.000005*	11.8	0.0967	57
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.00151	0.0074	1.47	0.000095	0.696	*0.000005*	2.01	0.0168	7.7
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.00154	*0.002*	2.52	0.000118	1.15	*0.000005*	4.51	0.0386	19.9
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.00159	0.0063	3.87	0.0001	1.31	0.0000063	9.29	0.0673	43.3
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.00145	0.0037	2.81	0.000205	1.36	*0.000005*	7.5	0.0531	29.3
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	0.00767	*0.05*	3.19	0.000135	2.7	*0.00001*	9.94	0.0624	38
Seep-13	Waste rock pad-East I	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	0.00199	0.0031	0.938	*0.00004*	1.13	*0.000005*	1.71	0.0151	4.3
Seep-13	Waste rock pad-East I	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.00367	0.0054	1.94	0.000073	1.85	*0.000005*	9.38	0.046	25.7

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Nickel (Ni)	Dissolved Phosphorus (P)	Dissolved Potassium (K)	Dissolved Selenium (Se)	Dissolved Silicon (Si)	Dissolved Silver (Ag)	Dissolved Sodium (Na)	Dissolved Strontium (Sr)	Dissolved Sulphur (S)
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					***0.00002***	***0.002***	***0.05***	***0.00004***	***0.05***	***0.000005***	***0.05***	***0.00005***	***3***
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.00462	0.0021	1.86	0.000105	2.25	*0.000005*	9.57	0.0438	18.3
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.00363	0.0092	1.31	0.000085	1.65	*0.000005*	4.6	0.0464	30
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.0057	*0.002*	2.51	0.000127	2.44	*0.000005*	10.3	0.0755	50.4
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.00256	0.0029	1.37	0.000043	1.66	*0.000005*	3.25	0.0334	15.5
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.00142	0.0097	0.93	0.000053	0.623	0.000005	0.705	0.0103	3.7
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.00237	0.002	0.894	0.000045	1.27	0.000005	2.06	0.0169	8
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.00338	0.002	1.52	0.000055	1.72	0.000005	4.79	0.033	17.1
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.0109	0.002	3.13	0.000183	2.6	0.000005	16.9	0.068	45
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	0.00176	*0.05*	3.54	0.000134	1.94	*0.00001*	17.9	0.0451	24.4
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.00106	0.0023	1.96	0.000178	1.06	*0.000005*	2.68	0.0266	8.5
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.00167	0.008	2.89	0.000251	1.48	*0.000005*	8.95	0.0688	37.6
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00108	0.0046	2.59	0.000108	1.4	*0.000005*	7.57	0.0462	22.3
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.000999	0.0036	0.733	0.000059	1.31	0.000005	1.45	0.0108	3.6
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.00122	0.0038	1.22	0.000142	1.63	*0.000005*	3.38	0.0333	21.4
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.00197	0.002	1.82	0.000044	2.21	*0.000005*	5.82	0.0527	34.3
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.00122	0.0026	1.05	0.000063	1.46	*0.000005*	3.06	0.0225	17.9
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	0.000956	0.0047	0.413	*0.00004*	1.58	*0.000005*	0.901	0.00932	3.1
Ref-03		Camp impacted background		2023-06-13	0.000892	0.0021	0.413	*0.00004*	1.95	0.0000059	1.28	0.0129	*3*
Ref-03		Camp impacted background		2023-07-03	0.00143	*0.002*	0.495	*0.00004*	3.21	*0.000005*	1.69	0.0201	3.5
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	0.000644	*0.002*	0.123	0.000091	1.21	0.0000062	0.766	0.00439	*3*
Ref-06		Background		2023-06-13	0.000645	*0.002*	0.136	0.000064	0.989	0.0000064	0.404	0.00389	*3*
Ref-06		Background		2023-07-03	0.000745	0.0026	0.168	0.000046	1.56	0.00001	0.47	0.00567	*3*

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Thallium (Tl)	Dissolved Tin (Sn)	Dissolved Titanium (Ti)	Dissolved Uranium (U)	Dissolved Vanadium (V)	Dissolved Zinc (Zn)	Dissolved Zirconium (Zr)	Tungsten (W)-dissolved	Thorium (Th)-dissolved
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*	*0.0001*	*0.0001*	*0.0001*
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.000011	*0.0001*	0.00041	0.000122	*0.0005*	0.0992	0.00033	*0.0001*	*0.0001*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	0.000013	*0.0001*	0.00042	0.000122	*0.0005*	0.0961	0.00036	0.00043	*0.0001*
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.000017	*0.0001*	0.00036	0.000091	*0.0005*	0.172	*0.0003*	*0.0001*	*0.0001*
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	0.000004	*0.0002*	0.00057	0.000112	*0.0002*	0.0518	0.0004	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	0.0000035	*0.0002*	*0.0005*	0.0000416	*0.0002*	0.0374	0.00013	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	0.00001	*0.001*	*0.0025*	0.000618	*0.001*	0.307	*0.0005*	#N/A	#N/A
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	0.0000061	*0.0002*	*0.0005*	0.000158	*0.0002*	0.0781	*0.0001*	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	0.0000095	*0.0002*	*0.0005*	0.000265	*0.0002*	0.111	*0.0001*	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	0.0000083	*0.0002*	*0.0005*	0.00028	*0.0002*	0.0721	*0.0001*	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	0.0000046	*0.0002*	0.00082	0.000143	0.00023	0.0184	0.00039	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	0.0000027	*0.0002*	*0.0005*	0.0000794	*0.0002*	0.0107	0.0002	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	0.0000053	*0.0002*	*0.0005*	0.0000902	*0.0002*	0.0213	0.00011	#N/A	#N/A
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	*0.00001*	*0.001*	*0.0025*	0.000342	*0.001*	0.125	*0.0005*	#N/A	#N/A
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	0.0000124	*0.0002*	0.00059	0.0000873	*0.0002*	0.167	0.00019	#N/A	#N/A
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	*0.00001*	*0.0001*	*0.0003*	0.000014	*0.0005*	0.0561	*0.0002*	*0.0001*	*0.0001*
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	*0.00001*	*0.0001*	*0.0003*	0.000022	*0.0005*	0.0595	*0.0003*	*0.0001*	*0.0001*
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	0.000014	*0.0001*	*0.0003*	0.000038	*0.0005*	0.127	*0.0003*	0.0003	*0.0001*
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	*0.00001*	*0.0001*	*0.0003*	0.000018	*0.0005*	0.0293	*0.0003*	*0.0001*	*0.0001*
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	0.0000059	*0.0002*	*0.0005*	0.0000304	*0.0002*	0.00908	0.00016	#N/A	#N/A
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	0.0000022	*0.0002*	*0.0005*	0.0000248	*0.0002*	0.00945	*0.0001*	#N/A	#N/A
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	0.0000066	*0.0002*	*0.0005*	0.0000079	*0.0002*	0.0263	*0.0001*	#N/A	#N/A
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	0.0000108	*0.0002*	*0.0005*	0.0000037	*0.0002*	0.05	*0.0001*	#N/A	#N/A
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	0.0000022	*0.0002*	*0.0005*	0.0000158	*0.0002*	0.01	*0.0001*	#N/A	#N/A
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	0.000006	*0.0002*	0.00076	0.000045	0.00023	0.00515	0.00034	#N/A	#N/A
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	0.0000078	*0.0002*	*0.0005*	0.000177	*0.0002*	0.00207	*0.0001*	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	0.000023	*0.0001*	*0.0003*	0.000269	*0.0005*	0.112	*0.0003*	*0.0001*	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	0.000021	*0.0001*	*0.0003*	0.000363	*0.0005*	0.0801	*0.0003*	0.00045	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	0.000025	*0.0001*	*0.0003*	0.000432	*0.0005*	0.0682	*0.0003*	*0.0001*	*0.0001*
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	0.0000053	*0.0002*	*0.0005*	0.0000694	*0.0002*	0.0137	*0.0001*		
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	0.0000104	*0.0002*	*0.0005*	0.0000717	*0.0002*	0.0357	*0.0001*	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	0.0000054	*0.0002*	*0.0005*	0.000106	*0.0002*	0.0183	*0.0001*	#N/A	#N/A
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	0.000049	*0.0002*	*0.0005*	0.00334	*0.0002*	0.274	*0.0001*	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	0.000005	*0.0002*	*0.0005*	0.000138	*0.0002*	0.00964	0.00011	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	0.0000068	*0.0002*	*0.0005*	0.000193	*0.0002*	0.0208	*0.0001*	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	0.0000143	*0.0002*	*0.0005*	0.00044	*0.0002*	0.0781	*0.0001*	#N/A	#N/A
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	0.0000736	*0.0002*	*0.0005*	0.00765	*0.0002*	0.407	0.00018	#N/A	#N/A
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000057	*0.0002*	*0.0005*	0.0000164	*0.0002*	0.0229	*0.0001*	#N/A	#N/A
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000473	*0.0002*	*0.0005*	0.000838	*0.0002*	0.225	*0.0001*	#N/A	#N/A
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	0.0000042	*0.0002*	*0.0005*	0.0000284	*0.0002*	0.0089	*0.0001*	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	*0.00001*	*0.0001*	*0.0003*	0.000071	*0.0005*	0.0069	*0.0003*	0.00028	*0.0001*

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Thallium (Tl)	Dissolved Tin (Sn)	Dissolved Titanium (Ti)	Dissolved Uranium (U)	Dissolved Vanadium (V)	Dissolved Zinc (Zn)	Dissolved Zirconium (Zr)	Tungsten (W)-dissolved	Thorium (Th)-dissolved
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*	*0.0001*	*0.0001*	*0.0001*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	*0.00001*	*0.0001*	*0.0003*	0.00005	*0.0005*	0.0086	*0.0003*	*0.0001*	*0.0001*
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	*0.000002*	*0.0002*	*0.0005*	0.0000345	*0.0002*	0.00109	0.00012		
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	*0.000002*	*0.0002*	*0.0005*	0.000034	*0.0002*	0.0025	0.0002	#N/A	#N/A
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	*0.000002*	*0.0002*	*0.0005*	0.0000299	*0.0002*	0.00191	0.00018	#N/A	#N/A
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	*0.000002*	*0.0002*	*0.0005*	0.0000588	*0.0002*	0.00078	0.00014		
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	*0.000002*	*0.0002*	*0.0005*	0.000073	*0.0002*	0.00149	0.00027	#N/A	#N/A
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	*0.000002*	*0.0002*	*0.0005*	0.0000763	*0.0002*	0.00227	0.00034	#N/A	#N/A
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	0.00001	*0.0001*	*0.0003*	0.00126	*0.0005*	0.0173	*0.0003*	0.00048	*0.0001*
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	0.0000121	*0.0002*	*0.0005*	0.00138	*0.0002*	0.00116	*0.0001*	#N/A	#N/A
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	0.0000074	*0.0002*	*0.0005*	0.0002	*0.0002*	0.00452	*0.0001*		
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	0.0000077	*0.0002*	*0.0005*	0.000273	*0.0002*	0.00337	*0.0001*		
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	0.0000102	*0.0002*	*0.0005*	0.001	*0.0002*	0.00582	*0.0001*	#N/A	#N/A
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	0.0000078	*0.0002*	*0.0005*	0.000498	*0.0002*	0.00295	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	0.0000024	*0.0002*	*0.0005*	0.000162	*0.0002*	0.0007	0.00012		
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	0.0000024	*0.0002*	*0.0005*	0.000423	*0.0002*	0.0018	0.0001	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	0.0000034	*0.0002*	*0.0005*	0.00072	*0.0002*	0.0015	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	0.0000025	*0.0002*	*0.0005*	0.000142	*0.0002*	0.0062	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	0.0000039	*0.0002*	*0.0005*	0.000189	*0.0002*	0.0024	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	0.0000045	*0.0002*	*0.0005*	0.000949	*0.0002*	0.0020	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	0.000005	*0.0002*	*0.0005*	0.000173	*0.0002*	0.0012	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	0.0000039	*0.0002*	*0.0005*	0.000325	*0.0002*	0.0025	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	0.0000059	*0.0002*	*0.0005*	0.00102	*0.0002*	0.0022	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	0.000002	*0.0002*	*0.0005*	0.0000861	*0.0002*	0.00462	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	0.0000034	*0.0002*	*0.0005*	0.00015	*0.0002*	0.0016	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	0.0000033	*0.0002*	*0.0005*	0.000292	*0.0002*	0.00162	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	0.0000085	*0.0002*	*0.0005*	0.00142	*0.0002*	0.00194	*0.0001*	#N/A	#N/A
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	0.0000063	*0.0002*	*0.0005*	0.00119	*0.0002*	0.00475	0.00022	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	0.0000025	*0.0002*	*0.0005*	0.000142	*0.0002*	0.0062	*0.0001*	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	*0.000002*	*0.0002*	*0.0005*	0.000221	*0.0002*	0.0012	*0.0001*	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	0.000002	*0.0002*	*0.0005*	0.000299	*0.0002*	0.0026	0.00014	#N/A	#N/A
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	0.0000021	*0.0002*	*0.0005*	0.0000892	*0.0002*	0.0022	*0.0001*	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	0.0000034	*0.0002*	*0.0005*	0.000154	*0.0002*	0.0009	*0.0001*	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	0.0000028	*0.0002*	*0.0005*	0.0000642	*0.0002*	0.0009	*0.0001*	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	0.0000022	*0.0002*	*0.0005*	0.0001	*0.0002*	0.0016	*0.0001*	#N/A	#N/A
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	0.0000053	*0.0002*	*0.0005*	0.000297	*0.0002*	0.0008	*0.0001*	#N/A	#N/A
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	0.0000076	0.0002	0.00183	0.000735	0.0002	0.132	#N/A	#N/A	#N/A
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	0.0000216	*0.0002*	*0.0005*	0.00546	*0.0002*	0.293	0.00011	#N/A	#N/A
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	0.0000101	*0.0002*	*0.0005*	0.00164	*0.0002*	0.0837	*0.0001*	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Thallium (Tl)	Dissolved Tin (Sn)	Dissolved Titanium (Ti)	Dissolved Uranium (U)	Dissolved Vanadium (V)	Dissolved Zinc (Zn)	Dissolved Zirconium (Zr)	Tungsten (W)-dissolved	Thorium (Th)-dissolved
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*	*0.0001*	*0.0001*	*0.0001*
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	0.0000168	*0.0002*	*0.0005*	0.0031	*0.0002*	0.0141	*0.0001*	#N/A	#N/A
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	0.0000036	*0.0002*	0.00179	0.0000305	*0.0002*	0.00053	*0.0001*		
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	0.0000093	*0.0002*	*0.0005*	0.0000661	*0.0002*	0.00469	0.00015	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	0.00001	0.0001	0.00305	0.000232	0.0005	0.167	#N/A	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	*0.00001*	*0.0001*	0.00039	0.000247	*0.0005*	0.171	*0.0003*	0.00068	*0.0001*
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	*0.00001*	*0.0001*	*0.0003*	0.000547	*0.0005*	0.15	*0.0003*	0.00059	*0.0001*
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	0.0000054	*0.0002*	*0.0005*	0.0000999	*0.0002*	0.131	*0.0001*	#N/A	#N/A
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	0.0000083	*0.0002*	*0.0005*	0.0000892	*0.0002*	0.206	*0.0001*	#N/A	#N/A
ULU-4a		Portal Pond	Portal pond area	2024-07-30	0.0000065	*0.0002*	*0.0005*	0.000228	*0.0002*	0.205	*0.0001*	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	0.0000062	*0.0002*	*0.0005*	0.0000791	*0.0002*	0.00169	*0.0001*	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	0.0000086	*0.0002*	*0.0005*	0.000409	*0.0002*	0.00119	*0.0001*	#N/A	#N/A
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	0.0000078	*0.0002*	*0.0005*	0.000157	*0.0002*	0.00349	*0.0001*	#N/A	#N/A
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	0.0000096	*0.0002*	0.0006	0.0000575	*0.0002*	0.0113	*0.0001*		
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	0.0000044	*0.0002*	*0.0005*	0.000176	*0.0002*	0.00423	*0.0001*		
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.0000075	*0.0002*	*0.0005*	0.000158	*0.0002*	0.00232	*0.0001*	#N/A	#N/A
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.0000122	*0.0002*	*0.0005*	0.000408	*0.0002*	0.0057	*0.0001*	#N/A	#N/A
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	*0.00001*	*0.0001*	0.00034	0.00012	*0.0005*	0.0039	*0.0003*	*0.0001*	*0.0001*
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	0.0000037	*0.0002*	*0.0005*	0.0000449	*0.0002*	0.00391	*0.0001*		
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	0.000004	*0.0002*	*0.0005*	0.0000167	*0.0002*	0.00235	*0.0001*	#N/A	#N/A
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	0.0000079	*0.0002*	*0.0005*	0.000116	*0.0002*	0.00445	0.00012	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	*0.00001*	*0.0001*	*0.0003*	0.000944	*0.0005*	0.0062	*0.0003*	*0.0001*	*0.0001*
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	0.0000066	*0.0002*	*0.0005*	0.000981	*0.0002*	0.00507	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	0.0000053	*0.0002*	*0.0005*	0.000735	*0.0002*	0.00234	0.00012	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	0.0000096	*0.0002*	*0.0005*	0.00118	*0.0002*	0.00366	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	0.0000102	*0.0002*	*0.0005*	0.00188	*0.0002*	0.00238	0.0001	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	0.0000072	*0.0002*	*0.0005*	0.000677	*0.0002*	0.00175	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	0.0000103	*0.0002*	*0.0005*	0.00229	*0.0002*	0.00287	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	0.0000045	*0.0002*	*0.0005*	0.0000701	*0.0002*	0.00274	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	0.0000048	*0.0002*	*0.0005*	0.000198	*0.0002*	0.00227	*0.0001*	#N/A	#N/A
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	0.0000111	*0.0002*	*0.0005*	0.000916	*0.0002*	0.00263	*0.0001*	#N/A	#N/A
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	0.0000024	*0.0002*	*0.0005*	0.000165	*0.0002*	0.00241	*0.0001*	#N/A	#N/A
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	*0.00001*	*0.0001*	*0.0003*	0.00018	*0.0005*	0.0082	*0.0003*	*0.0001*	*0.0001*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	*0.000002*	*0.0002*	*0.0005*	0.0000556	*0.0002*	0.00107	0.00014		
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	0.0000034	*0.0002*	*0.0005*	0.0000416	*0.0002*	0.00275	0.00017	#N/A	#N/A

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Dissolved Thallium (Tl)	Dissolved Tin (Sn)	Dissolved Titanium (Ti)	Dissolved Uranium (U)	Dissolved Vanadium (V)	Dissolved Zinc (Zn)	Dissolved Zirconium (Zr)	Tungsten (W)-dissolved	Thorium (Th)-dissolved
Units					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DL					*0.000002*	*0.0002*	*0.0005*	*0.000002*	*0.0002*	*0.0001*	*0.0001*	*0.0001*	*0.0001*
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	0.0000034	*0.0002*	*0.0005*	0.0000403	*0.0002*	0.00299	0.00016	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	0.0000048	*0.0002*	*0.0005*	0.0000487	*0.0002*	0.00247	*0.0001*	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	0.0000045	*0.0002*	*0.0005*	0.0000364	*0.0002*	0.00364	0.00013	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	0.0000037	*0.0002*	*0.0005*	0.0000486	*0.0002*	0.00181	0.00017	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	0.000002	0.0002	0.0005	0.0000384	0.0002	0.00134	0.0001	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	0.0000034	0.0002	0.0005	0.0000692	0.0002	0.00183	0.00027	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	0.0000034	0.0002	0.0005	0.0000601	0.0002	0.00204	0.00018	#N/A	#N/A
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	0.0000074	0.0002	0.0005	0.0000619	0.0002	0.0103	0.00019	#N/A	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	*0.00001*	*0.0001*	*0.0003*	0.000166	*0.0005*	0.0025	*0.0003*	*0.0001*	*0.0001*
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	0.0000031	*0.0002*	*0.0005*	0.0000896	*0.0002*	0.00125	*0.0001*		
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.0000047	*0.0002*	*0.0005*	0.000232	*0.0002*	0.00194	*0.0001*	#N/A	#N/A
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.0000041	*0.0002*	*0.0005*	0.000144	*0.0002*	0.00091	*0.0001*	#N/A	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	*0.000002*	*0.0002*	*0.0005*	0.000116	*0.0002*	0.00107	0.00017		
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	0.0000041	*0.0002*	*0.0005*	0.0000804	*0.0002*	0.00234	*0.0001*	#N/A	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	0.0000053	*0.0002*	*0.0005*	0.0000901	*0.0002*	0.00365	0.00011	#N/A	#N/A
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	0.0000042	*0.0002*	*0.0005*	0.000074	*0.0002*	0.00183	0.00011	#N/A	#N/A
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	*0.000002*	*0.0002*	*0.0005*	0.000133	*0.0002*	0.00204	0.00013	#N/A	#N/A
Ref-03		Camp impacted background		2023-06-13	*0.000002*	*0.0002*	*0.0005*	0.0000899	*0.0002*	0.00186	0.00027	#N/A	#N/A
Ref-03		Camp impacted background		2023-07-03	0.000003	*0.0002*	*0.0005*	0.00011	*0.0002*	0.00286	0.00025	#N/A	#N/A
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	0.0000029	*0.0002*	*0.0005*	0.000117	*0.0002*	0.00168	*0.0001*	#N/A	#N/A
Ref-06		Background		2023-06-13	*0.000002*	*0.0002*	*0.0005*	0.000117	*0.0002*	0.00196	0.0001	#N/A	#N/A
Ref-06		Background		2023-07-03	0.0000025	*0.0002*	*0.0005*	0.000119	*0.0002*	0.00268	0.00012	#N/A	#N/A

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Cesium (Cs)-dissolved	Tellurium (Te)-dissolved	Rubidium (Rb)-dissolved	Interpretation	Ca	Mg	Na	K	Total
Units					**mg/L**	**mg/L**	**mg/L**	**g/mol**	40.08	24.31	22.99	39.09	
DL					***0.00001***	***0.0002***	***0.0002***		**meq/L**	**meq/L**	**meq/L**	**meq/L**	**meq/L**
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	0.00031	*0.0002*	0.0121		4.34	1.04	2.92	0.21	8.52
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	0.000191	*0.0002*	0.00922		4.16	0.98	2.11	0.18	7.44
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	0.000308	*0.0002*	0.0129		6.54	1.92	5.87	0.27	14.59
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	#N/A	#N/A	#N/A		1.76	0.48	0.50	0.10	2.84
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	#N/A	#N/A	#N/A		5.14	0.98	0.51	0.14	6.76
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	#N/A	#N/A	#N/A		7.98	1.59	0.32	0.24	10.13
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	#N/A	#N/A	#N/A		6.99	1.16	0.40	0.16	8.71
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	#N/A	#N/A	#N/A		10.38	1.41	0.43	0.21	12.42
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	#N/A	#N/A	#N/A		6.64	1.21	0.59	0.19	8.62
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	#N/A	#N/A	#N/A		0.97	0.26	0.33	0.06	1.63
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	#N/A	#N/A	#N/A		3.99	1.00	0.86	0.11	5.96
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	#N/A	#N/A	#N/A		7.09	1.67	1.19	0.21	10.16
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	#N/A	#N/A	#N/A		7.09	1.42	0.77	0.20	9.47
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	#N/A	#N/A	#N/A		6.09	1.58	3.28	0.22	11.16
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	0.000053	*0.0002*	0.0088		5.59	1.70	0.39	0.19	7.87
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	0.000043	*0.0002*	0.00698		3.74	1.04	0.25	0.15	5.17
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	0.000092	*0.0002*	0.00847		4.76	1.20	0.38	0.17	6.51
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	0.00006	*0.0002*	0.00837		4.75	1.46	0.62	0.15	6.98
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	#N/A	#N/A	#N/A		1.34	0.38	0.10	0.04	1.86
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	#N/A	#N/A	#N/A		0.35	0.10	0.03	0.02	0.51
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	#N/A	#N/A	#N/A		3.32	0.91	0.28	0.07	4.58
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	#N/A	#N/A	#N/A		5.09	1.60	0.39	0.11	7.20
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	#N/A	#N/A	#N/A		8.78	2.33	0.43	0.19	11.74
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	#N/A	#N/A	#N/A		1.82	0.40	0.04	0.05	2.31
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	#N/A	#N/A	#N/A		1.75	0.40	0.20	0.05	2.40
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	0.000176	*0.0002*	0.00775		2.55	0.56	0.15	0.09	3.36
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	0.000149	*0.0002*	0.00591		2.17	0.47	0.26	0.08	2.97
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	0.000215	*0.0002*	0.00731		2.50	0.90	0.97	0.08	4.45
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16					0.77	0.18	0.07	0.03	1.05
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	#N/A	#N/A	#N/A		1.10	0.28	0.18	0.04	1.59
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	#N/A	#N/A	#N/A		0.79	0.18	0.08	0.03	1.07
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	#N/A	#N/A	#N/A		8.78	1.96	0.40	0.17	11.31
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	#N/A	#N/A	#N/A		0.34	0.09	0.03	0.02	0.49
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	#N/A	#N/A	#N/A		0.73	0.21	0.10	0.02	1.06
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	#N/A	#N/A	#N/A		1.38	0.45	0.24	0.05	2.11
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	#N/A	#N/A	#N/A		7.44	1.88	0.61	0.17	10.09
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	#N/A	#N/A	#N/A		2.38	0.70	0.34	0.05	3.47
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	#N/A	#N/A	#N/A		2.85	1.00	0.58	0.09	4.52
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	#N/A	#N/A	#N/A		0.96	0.42	0.12	0.03	1.54
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	*0.00001*	*0.0002*	0.00146		0.98	0.41	0.21	0.03	1.62

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Cesium (Cs)-dissolved	Tellurium (Te)-dissolved	Rubidium (Rb)-dissolved	Interpretation	Ca	Mg	Na	K	Total
Units					**mg/L**	**mg/L**	**mg/L**	**g/mol**	40.08	24.31	22.99	39.09	
DL					***0.00001***	***0.0002***	***0.0002***		**meq/L**	**meq/L**	**meq/L**	**meq/L**	**meq/L**
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	*0.00001*	*0.0002*	0.0016		1.10	0.52	0.27	0.03	1.92
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16					0.41	0.16	0.13	0.02	0.73
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	#N/A	#N/A	#N/A		0.92	0.35	0.26	0.03	1.56
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	#N/A	#N/A	#N/A		0.74	0.29	0.22	0.03	1.27
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16					0.33	0.09	0.07	0.02	0.51
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	#N/A	#N/A	#N/A		0.28	0.09	0.07	0.01	0.45
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	#N/A	#N/A	#N/A		0.37	0.13	0.11	0.02	0.63
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	0.000338	*0.0002*	0.00871		4.08	0.62	0.14	0.16	5.00
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	#N/A	#N/A	#N/A		4.98	0.46	0.12	0.13	5.69
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14					1.00	0.20	0.03	0.05	1.28
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14					1.04	0.21	0.03	0.05	1.33
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	#N/A	#N/A	#N/A		2.14	0.43	0.05	0.08	2.69
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	#N/A	#N/A	#N/A		2.03	0.33	0.06	0.08	2.50
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19					1.30	0.28	0.11	0.06	1.75
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	#N/A	#N/A	#N/A		2.24	0.53	0.22	0.09	3.08
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	#N/A	#N/A	#N/A		3.14	0.63	0.29	0.10	4.15
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	#N/A	#N/A	#N/A		2.14	0.52	0.22	0.08	2.96
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	#N/A	#N/A	#N/A		2.15	0.40	0.14	0.07	2.76
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	#N/A	#N/A	#N/A		3.93	0.72	0.22	0.13	5.00
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	#N/A	#N/A	#N/A		1.66	0.31	0.12	0.06	2.15
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	#N/A	#N/A	#N/A		2.06	0.49	0.19	0.09	2.82
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	#N/A	#N/A	#N/A		3.51	0.64	0.23	0.13	4.51
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	#N/A	#N/A	#N/A		0.50	0.11	0.03	0.02	0.66
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	#N/A	#N/A	#N/A		1.41	0.32	0.16	0.06	1.94
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	#N/A	#N/A	#N/A		2.06	0.46	0.24	0.09	2.84
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	#N/A	#N/A	#N/A		3.63	0.85	0.40	0.15	5.02
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	#N/A	#N/A	#N/A		3.89	0.99	0.57	0.13	5.58
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	#N/A	#N/A	#N/A		2.14	0.52	0.22	0.08	2.96
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	#N/A	#N/A	#N/A		2.94	0.61	0.28	0.09	3.92
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	#N/A	#N/A	#N/A		2.88	0.54	0.25	0.10	3.77
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	#N/A	#N/A	#N/A		2.17	0.42	0.15	0.07	2.81
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	#N/A	#N/A	#N/A		3.37	0.70	0.25	0.10	4.41
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	#N/A	#N/A	#N/A		1.60	0.30	0.15	0.06	2.11
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	#N/A	#N/A	#N/A		1.99	0.47	0.21	0.08	2.75
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	#N/A	#N/A	#N/A		3.17	0.61	0.23	0.10	4.12
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	#N/A	#N/A	#N/A		1.77	0.43	0.10	0.07	2.37
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	#N/A	#N/A	#N/A		6.44	1.18	0.64	0.24	8.50
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	#N/A	#N/A	#N/A		2.58	0.47	0.14	0.17	3.36

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Cesium (Cs)-dissolved	Tellurium (Te)-dissolved	Rubidium (Rb)-dissolved	Interpretation	Ca	Mg	Na	K	Total
Units					**mg/L**	**mg/L**	**mg/L**	**g/mol**	40.08	24.31	22.99	39.09	
DL					***0.00001***	***0.0002***	***0.0002***		**meq/L**	**meq/L**	**meq/L**	**meq/L**	**meq/L**
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	#N/A	#N/A	#N/A		5.09	0.95	0.60	0.22	6.86
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19					0.27	0.04	0.02	0.03	0.35
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	#N/A	#N/A	#N/A		1.40	0.35	0.40	0.05	2.20
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	#N/A	#N/A	#N/A		0.88	0.25	0.37	0.05	1.55
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	0.000064	*0.0002*	0.00319		0.94	0.30	0.50	0.06	1.79
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	0.000066	*0.0002*	0.00361		1.30	0.41	0.59	0.07	2.37
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	#N/A	#N/A	#N/A		0.83	0.27	0.41	0.05	1.56
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A		0.96	0.33	0.40	0.04	1.73
ULU-4a		Portal Pond	Portal pond area	2024-07-30	#N/A	#N/A	#N/A		1.27	0.42	0.57	0.06	2.32
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	#N/A	#N/A	#N/A		1.55	0.23	0.09	0.08	1.95
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#N/A	#N/A	#N/A		#N/A	#N/A	#N/A	#N/A	#N/A
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	#N/A	#N/A	#N/A		2.78	0.32	0.12	0.13	3.35
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	#N/A	#N/A	#N/A		1.04	0.17	0.04	0.06	1.31
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15					1.32	0.26	0.10	0.07	1.75
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15					1.85	0.29	0.13	0.07	2.34
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	#N/A	#N/A	#N/A		2.24	0.26	0.11	0.10	2.71
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	#N/A	#N/A	#N/A		3.90	0.41	0.21	0.11	4.63
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	0.000069	*0.0002*	0.00469		2.11	0.49	0.28	0.08	2.95
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15					0.70	0.16	0.06	0.03	0.95
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	#N/A	#N/A	#N/A		0.75	0.14	0.04	0.04	0.97
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	#N/A	#N/A	#N/A		1.46	0.28	0.09	0.04	1.87
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	0.000016	*0.0002*	0.00494		3.15	1.02	1.38	0.11	5.67
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	#N/A	#N/A	#N/A		2.64	0.68	0.41	0.09	3.82
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	#N/A	#N/A	#N/A		3.10	0.74	0.60	0.09	4.52
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	#N/A	#N/A	#N/A		3.77	0.70	0.35	0.10	4.92
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	#N/A	#N/A	#N/A		4.22	0.96	0.70	0.11	6.00
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	#N/A	#N/A	#N/A		2.84	0.52	0.33	0.08	3.77
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	#N/A	#N/A	#N/A		3.90	0.94	0.51	0.11	5.46
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	#N/A	#N/A	#N/A		0.74	0.16	0.09	0.04	1.02
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	#N/A	#N/A	#N/A		1.81	0.33	0.20	0.06	2.40
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	#N/A	#N/A	#N/A		2.76	0.60	0.40	0.10	3.86
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	#N/A	#N/A	#N/A		2.51	0.46	0.33	0.07	3.38
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	0.000012	*0.0002*	0.00345		1.98	0.52	0.43	0.08	3.01
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17					0.61	0.13	0.07	0.02	0.84
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	#N/A	#N/A	#N/A		1.27	0.40	0.41	0.05	2.13

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Cesium (Cs)-dissolved	Tellurium (Te)-dissolved	Rubidium (Rb)-dissolved	Interpretation	Ca	Mg	Na	K	Total
Units					**mg/L**	**mg/L**	**mg/L**	**g/mol**	40.08	24.31	22.99	39.09	
DL					***0.00001***	***0.0002***	***0.0002***		**meq/L**	**meq/L**	**meq/L**	**meq/L**	**meq/L**
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	#N/A	#N/A	#N/A		1.41	0.37	0.42	0.05	2.24
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	#N/A	#N/A	#N/A		1.56	0.37	0.20	0.03	2.16
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	#N/A	#N/A	#N/A		2.47	0.66	0.45	0.06	3.65
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	#N/A	#N/A	#N/A		1.33	0.27	0.14	0.04	1.78
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	#N/A	#N/A	#N/A		0.39	0.08	0.03	0.02	0.52
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	#N/A	#N/A	#N/A		0.61	0.15	0.09	0.02	0.87
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	#N/A	#N/A	#N/A		1.07	0.30	0.21	0.04	1.61
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	#N/A	#N/A	#N/A		1.88	0.79	0.74	0.08	3.49
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	0.000012	*0.0002*	0.0041		1.52	0.42	0.78	0.09	2.81
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17					1.17	0.25	0.12	0.05	1.59
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	#N/A	#N/A	#N/A		2.75	0.61	0.39	0.07	3.83
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	#N/A	#N/A	#N/A		2.06	0.41	0.33	0.07	2.87
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17					0.43	0.14	0.06	0.02	0.65
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	#N/A	#N/A	#N/A		1.18	0.39	0.15	0.03	1.75
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	#N/A	#N/A	#N/A		1.90	0.67	0.25	0.05	2.87
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	#N/A	#N/A	#N/A		0.95	0.29	0.13	0.03	1.40
Ref-03		Camp impacted background	Ref-03 (North of Camp)	2022-06-14	#N/A	#N/A	#N/A		0.24	0.12	0.04	0.01	0.41
Ref-03		Camp impacted background		2023-06-13	#N/A	#N/A	#N/A		0.37	0.17	0.06	0.01	0.60
Ref-03		Camp impacted background		2023-07-03	#N/A	#N/A	#N/A		0.53	0.26	0.07	0.01	0.87
Ref-06		Background	Ref-06 (North of Ulu Lake)	2022-07-03	#N/A	#N/A	#N/A		0.10	0.05	0.03	0.00	0.19
Ref-06		Background		2023-06-13	#N/A	#N/A	#N/A		0.10	0.04	0.02	0.00	0.16
Ref-06		Background		2023-07-03	#N/A	#N/A	#N/A		0.18	0.06	0.02	0.00	0.26

Notes

Renamed ID's

Italics <DL

Calculated from other value

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Ca	Mg	Na	K	Ca+Mg	Alkalinity	Cl	SO4	Total	Alkalinity	Cl	SO4	CMR <0.8
Units										100	35.45	96.07					Ca+Mg/SO
DL					Cation proportions					meq/L	meq/L	meq/L	meq/L	Anion proportions			4 mol/mol
ULU-8	Ore pad E	Contact water?	Ore pad contact water SE (ULU-8/8A)	2020-07-31	51%	12%	34%	2%	63%	0.79	2.59	6.02	9.39	8%	28%	64%	0.90
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-07	56%	13%	28%	2%	69%	0.70	1.90	5.43	8.03	9%	24%	68%	0.95
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2020-08-26	45%	13%	40%	2%	58%	0.70	6.18	7.89	14.77	5%	42%	53%	1.07
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2022-06-06	62%	17%	18%	3%	79%	0.40	0.27	2.50	3.16	13%	8%	79%	0.90
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2023-06-12	76%	14%	8%	2%	90%	0.46	0.37	6.04	6.86	7%	5%	88%	1.01
ULU-8A	Ore pad E	Contact water	Ore pad contact water SE (ULU-8/8A)	2023-07-01	79%	16%	3%	2%	95%	0.64	0.08	10.20	10.92	6%	1%	93%	0.94
ULU-8	Ore pad E	Contact water	Ore pad contact water S	2023-07-03	80%	13%	5%	2%	94%	0.66	0.22	8.12	9.00	7%	2%	90%	1.00
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-07	84%	11%	3%	2%	95%	0.70	0.17	9.99	10.86	6%	2%	92%	1.18
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2023-07-16	77%	14%	7%	2%	91%	0.74	0.37	8.54	9.64	8%	4%	89%	0.92
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-05-26	60%	16%	21%	4%	76%	0.44	0.26	1.23	1.92	23%	13%	64%	1.01
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-06-18	67%	17%	14%	2%	84%	0.40	0.73	4.79	5.92	7%	12%	81%	1.04
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-07-15	70%	16%	12%	2%	86%	0.66	0.87	7.70	9.24	7%	9%	83%	1.14
ULU-8A	Ore pad E	Contact water	Ore pad contact water S	2024-07-19	75%	15%	8%	2%	90%	0.72	0.59	8.33	9.64	7%	6%	86%	1.02
ULU-8	Ore pad E	Contact water?	Ore pad contact water S	2024-08-13	55%	14%	29%	2%	69%	0.54	3.10	7.91	11.55	5%	27%	68%	0.97
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S (Seep-01, -22, -23)	2019-09-05	71%	22%	5%	2%	93%	0.42	0.06	6.85	7.32	6%	1%	94%	1.06
Seep-01	Ore pad S	Surface flow?	Ore pad tundra S	2020-07-31	72%	20%	5%	3%	92%	0.27	0.03	4.98	5.27	5%	0%	94%	0.96
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-07	73%	18%	6%	3%	92%	0.26	0.04	5.95	6.26	4%	1%	95%	1.00
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2020-08-26	68%	21%	9%	2%	89%	0.59	0.19	6.60	7.38	8%	3%	89%	0.94
Seep-01	Ore pad S	Stagnant water/Ore pad sub-surface drainage?	Ore pad tundra S	2023-06-10	72%	20%	5%	2%	92%	0.28	0.03	1.64	1.95	14%	1%	84%	1.04
SEEP-01	Ore pad S		Ore pad tundra S	2024-05-26	70%	20%	6%	4%	90%	0.13	0.03	0.35	0.51	25%	6%	69%	1.29
SEEP-01	Ore pad S		Ore pad tundra S	2024-06-18	73%	20%	6%	1%	92%	0.30	0.06	4.37	4.73	6%	1%	92%	0.97
SEEP-01	Ore pad S		Ore pad tundra S	2024-07-15	71%	22%	5%	1%	93%	0.26	0.07	7.08	7.41	4%	1%	96%	0.95
SEEP-01	Ore pad S		Ore pad tundra S	2024-08-12	75%	20%	4%	2%	95%	0.66	0.11	11.03	11.80	6%	1%	93%	1.01
Seep-22	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra W (Seep-01, -22, -23)	2023-06-10	79%	17%	2%	2%	96%	0.80	0.03	1.71	2.54	32%	1%	67%	1.30
Seep-23	Ore pad E	Ore pad sub-surface drainage in boulders	Ore pad tundra S (Seep-01, -22, -23)	2023-06-10	73%	17%	8%	2%	89%	0.66	0.12	1.71	2.49	27%	5%	69%	1.26
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW (Seep-05)	2020-07-31	76%	17%	5%	3%	93%	0.04	0.04	3.71	3.79	1%	1%	98%	0.84
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-07	73%	16%	9%	3%	89%	0.04	0.10	2.96	3.10	1%	3%	95%	0.89
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2020-08-26	56%	20%	22%	2%	76%	0.12	0.94	3.25	4.31	3%	22%	75%	1.05
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2021-06-16	74%	17%	7%	3%	91%	0.09	0.06	0.85	1.00	9%	6%	85%	1.12
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2022-06-30	69%	17%	11%	2%	86%	0.07	0.14	1.52	1.74	4%	8%	88%	0.90
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-06-09	73%	17%	7%	3%	90%	0.08	0.03	0.98	1.09	7%	3%	90%	0.99
Seep-05 SW	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2023-07-22	78%	17%	4%	1%	95%	0.02	0.17	13.95	14.14	0%	1%	99%	0.77
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-05-26	70%	19%	7%	4%	89%	0.07	0.03	0.42	0.52	14%	5%	81%	1.05
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-06-18	69%	20%	9%	2%	89%	0.06	0.06	0.92	1.03	5%	6%	89%	1.03
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra?	Ore pad tundra NW	2024-07-15	65%	21%	11%	2%	86%	0.02	0.12	1.81	1.96	1%	6%	93%	1.01
Seep-05	Ore pad W	Ore pad sub-surface drainage in tundra	Ore pad tundra NW	2024-08-12	74%	19%	6%	2%	92%	0.02	0.31	11.66	11.99	0%	3%	97%	0.80
Seep-05 SW +15	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	69%	20%	10%	1%	89%	0.18	0.19	3.75	4.13	4%	5%	91%	0.82
Seep-05 SW-50	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	63%	22%	13%	2%	85%	0.02	0.39	5.41	5.83	0%	7%	93%	0.71
Seep-05 SW-125	Ore pad N swamp	Ore pad sub-surface drainage in tundra?	NOT PLOTTED on regular charts	2023-07-22	63%	28%	8%	2%	90%	0.70	0.08	1.06	1.84	38%	4%	58%	1.31
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow (Seep-06)	2020-08-02	60%	25%	13%	2%	86%	0.12	0.07	1.44	1.63	7%	4%	88%	0.96

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Ca	Mg	Na	K	Ca+Mg	Alkalinity	Cl	SO4	Total	Alkalinity	Cl	SO4	CMR <0.8
Units										100	35.45	96.07					Ca+Mg/SO
DL					Cation proportions					meq/L	meq/L	meq/L	meq/L	Anion proportions			4 mol/mol
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2020-08-27	57%	27%	14%	2%	84%	0.15	0.13	1.71	1.99	7%	7%	86%	0.95
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-06-16	57%	22%	18%	3%	79%	0.08	0.11	0.58	0.77	10%	14%	76%	0.98
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2021-09-01	59%	22%	17%	2%	81%	0.11	0.19	1.46	1.75	6%	11%	83%	0.87
Seep-06	Ore pad-East Lake	Ore pad-downstream flow into lake	Ore pad East Lk inflow	2023-06-12	58%	22%	17%	2%	81%	0.09	0.10	1.14	1.33	7%	7%	86%	0.90
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow (Seep-12)	2021-06-16	65%	19%	13%	4%	83%	0.11	0.11	0.27	0.49	23%	22%	55%	1.56
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-09	62%	19%	16%	3%	81%	0.11	0.03	0.27	0.41	27%	7%	67%	1.34
Seep-12	Ore pad-G43 Lake	Ore pad-downstream flow into lake	Ore pad G43 Lk inflow	2023-06-19	59%	21%	17%	3%	80%	0.11	0.07	0.35	0.53	20%	13%	67%	1.42
Seep-03	Camp pad N	Contact water?	Camp pad contact water E (Seep-03, -21)	2020-07-31	82%	12%	3%	3%	94%	1.37	0.05	3.85	5.28	26%	1%	73%	1.22
Seep-21	Camp pad N	Contact water?	Camp pad contact water E	2022-06-14	87%	8%	2%	2%	96%	1.48	0.24	4.37	6.09	24%	4%	72%	1.24
Seep-07	Camp pad N	Contact water	Camp pad contact water N (Seep-07, -08)	2021-06-14	78%	16%	2%	4%	94%	0.66	0.05	0.69	1.40	47%	4%	49%	1.76
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2021-06-14	78%	16%	2%	4%	94%	0.60	0.04	0.77	1.41	43%	3%	55%	1.62
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2022-06-13	79%	16%	2%	3%	95%	0.78	0.08	1.94	2.79	28%	3%	69%	1.32
Seep-08	Camp pad N	Contact water	Camp pad contact water N	2023-06-09	81%	13%	2%	3%	94%	1.14	0.06	1.48	2.68	43%	2%	55%	1.60
Seep-17	Drill core/Camp pad (S	Tundra seep	Camp pad tundra E (Seep-17, -18, -20)	2021-06-19	74%	16%	6%	3%	91%	0.52	0.08	1.29	1.89	28%	4%	68%	1.23
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-07-29	73%	17%	7%	3%	90%	1.10	0.16	2.29	3.55	31%	5%	64%	1.21
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-08-26	76%	15%	7%	2%	91%	1.20	0.65	3.12	4.97	24%	13%	63%	1.21
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2021-09-01	72%	18%	7%	3%	90%	1.10	0.19	2.29	3.58	31%	5%	64%	1.16
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-06-27	78%	15%	5%	3%	92%	0.70	0.12	2.29	3.11	22%	4%	74%	1.12
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2022-07-24	79%	14%	4%	3%	93%	1.06	0.16	3.54	4.76	22%	3%	74%	1.31
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-12	77%	15%	6%	3%	92%	0.64	0.14	1.44	2.22	29%	6%	65%	1.37
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-06-19	73%	17%	7%	3%	90%	0.76	0.22	1.62	2.60	29%	8%	62%	1.57
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2023-07-27	78%	14%	5%	3%	92%	1.18	0.26	3.33	4.77	25%	5%	70%	1.25
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-05-26	76%	17%	5%	3%	92%	0.18	0.03	0.52	0.73	25%	4%	71%	1.17
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-06-10	73%	16%	8%	3%	89%	0.80	0.14	1.37	2.31	35%	6%	59%	1.26
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-07-06	72%	16%	8%	3%	89%	0.84	0.23	2.08	3.16	27%	7%	66%	1.21
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-13	72%	17%	8%	3%	89%	1.60	0.28	3.54	5.42	30%	5%	65%	1.27
Seep-17	Drill core/Camp pad	Tundra seep	Camp pad tundra E	2024-08-29	70%	18%	10%	2%	87%	1.54	0.65	4.37	6.56	23%	10%	67%	1.11
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-07-29	72%	18%	7%	3%	90%	1.10	0.19	2.29	3.58	31%	5%	64%	1.16
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-08-26	75%	16%	7%	2%	90%	1.10	0.65	2.91	4.66	24%	14%	62%	1.22
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2021-09-01	77%	14%	7%	3%	91%	1.04	0.45	2.91	4.41	24%	10%	66%	1.18
Seep-18	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-06-27	77%	15%	5%	3%	92%	0.64	0.15	2.29	3.08	21%	5%	74%	1.13
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2022-07-24	76%	16%	6%	2%	92%	0.92	0.17	3.33	4.43	21%	4%	75%	1.22
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-12	76%	14%	7%	3%	90%	0.62	0.18	1.42	2.22	28%	8%	64%	1.34
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-06-19	72%	17%	8%	3%	89%	0.74	0.26	1.64	2.64	28%	10%	62%	1.50
Seep-20	Drill core/Camp pad	Downstream flow in tundra	Camp pad tundra E	2023-07-27	77%	15%	6%	3%	92%	1.36	0.28	2.91	4.55	30%	6%	64%	1.30
ULU-15	Landfill	Pre-land fill run off from Camp pad S	Camp pad-landfill S (ULU-15)	2021-06-23	75%	18%	4%	3%	93%	1.02	0.25	1.54	2.81	36%	9%	55%	1.43
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2023-06-11	76%	14%	8%	3%	90%	2.60	0.79	5.83	9.22	28%	9%	63%	1.31
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-05-25	77%	14%	4%	5%	91%	1.60	0.10	1.96	3.66	44%	3%	53%	1.56

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Ca	Mg	Na	K	Ca+Mg	Alkalinity	Cl	SO4	Total	Alkalinity	Cl	SO4	CMR <0.8
Units										100	35.45	96.07					Ca+Mg/SO
DL					Cation proportions					meq/L	meq/L	meq/L	meq/L	Anion proportions			4 mol/mol
ULU-15	Landfill	Run off from Camp pad S/landfill/ore	Camp pad tundra S	2024-06-10	74%	14%	9%	3%	88%	2.40	0.37	5.00	7.76	31%	5%	64%	1.21
Seep-16	Portal	Contact water/snow melt	Portal area contact water (Seep-16, -24)	2021-06-19	77%	11%	5%	7%	88%	0.18	0.03	0.16	0.38	48%	9%	43%	1.89
Seep-24	Portal	Contact water	Portal area contact water	2023-06-10	64%	16%	18%	2%	79%	0.15	1.50	0.67	2.32	7%	65%	29%	2.62
ULU-4a	Portal	Portal Pond	Portal pond area (ULU-4a, 4b, Pool-4c)	2020-07-29	56%	16%	24%	3%	73%	#N/A	0.38	0.87	#N/A	#N/A	#N/A	#N/A	1.31
ULU-4a	Portal	Portal Pond	Portal pond area	2020-08-26	52%	17%	28%	3%	69%	0.45	0.46	0.86	1.78	26%	26%	49%	1.43
ULU-4a	Portal	Portal Pond	Portal pond area	2020-09-05	55%	17%	25%	3%	72%	0.63	0.52	1.15	2.31	27%	23%	50%	1.49
ULU-4a	Portal	Portal Pond	Portal pond area	2021-07-29	53%	17%	27%	3%	70%	0.46	0.56	0.90	1.92	24%	29%	47%	1.22
ULU-4a	Portal	Portal Pond	Portal pond area	2024-06-11	55%	19%	23%	3%	74%	0.48	0.56	1.10	2.15	22%	26%	51%	1.17
ULU-4a		Portal Pond	Portal pond area	2024-07-30	55%	18%	25%	3%	73%	0.62	0.76	1.10	2.48	25%	31%	44%	1.53
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-05-31	80%	12%	4%	4%	91%	0.38	0.08	1.62	2.09	18%	4%	78%	1.10
ULU-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-11	#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-4b	Mine Sump	Water in mine sump pond	Portal pond area	2024-06-18	83%	10%	4%	4%	92%	0.84	0.10	2.29	3.23	26%	3%	71%	1.35
Pool-4c	Landfill/Portal	Temp pool next to ore, drains across roads	Portal pond area	2024-05-28	79%	13%	3%	4%	92%	0.44	0.03	0.90	1.36	32%	2%	66%	1.35
Seep-09	Waste rock pad	Contact water	Waste rock pad contact water (Seep-09)	2021-06-15	75%	15%	6%	4%	90%	0.42	0.09	1.29	1.80	23%	5%	72%	1.23
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water (Seep-10, -11, -25, ULU-7)	2021-06-15	79%	12%	5%	3%	92%	0.66	0.08	1.62	2.37	28%	3%	69%	1.32
Seep-10	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	83%	10%	4%	4%	92%	0.70	0.04	2.08	2.82	25%	1%	74%	1.20
Seep-25	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	84%	9%	4%	2%	93%	1.48	0.28	2.91	4.68	32%	6%	62%	1.48
ULU-7	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2020-07-31	71%	16%	10%	3%	88%	1.18	0.13	1.79	3.10	38%	4%	58%	1.45
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2021-06-15	74%	16%	6%	3%	91%	0.50	0.08	0.48	1.06	47%	7%	45%	1.80
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2022-06-06	77%	14%	5%	4%	92%	0.44	0.03	0.54	1.01	44%	3%	54%	1.64
Seep-11	Waste rock pad	Contact water	Waste rock pad/stockpile contact water	2023-06-11	78%	15%	5%	2%	93%	0.74	0.08	1.10	1.92	39%	4%	57%	1.58
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2020-08-27	56%	18%	24%	2%	74%	0.91	1.55	3.21	5.67	16%	27%	57%	1.30
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-07-29	69%	18%	11%	2%	87%	1.18	0.39	2.91	4.49	26%	9%	65%	1.14
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2021-09-01	69%	16%	13%	2%	85%	0.90	0.82	3.54	5.26	17%	16%	67%	1.08
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-06-28	77%	14%	7%	2%	91%	1.00	1.21	3.33	5.54	18%	22%	60%	1.34
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2022-07-24	70%	16%	12%	2%	86%	1.12	1.16	3.75	6.02	19%	19%	62%	1.38
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-06-11	75%	14%	9%	2%	89%	0.76	0.51	2.50	3.77	20%	13%	66%	1.34
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2023-07-08	71%	17%	9%	2%	89%	1.46	0.73	3.75	5.94	25%	12%	63%	1.29
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-05-25	73%	15%	9%	4%	88%	0.36	0.08	0.65	1.08	33%	7%	60%	1.39
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-06-10	75%	14%	8%	3%	89%	0.96	0.37	1.56	2.89	33%	13%	54%	1.37
Seep-02	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra	2024-07-06	71%	16%	10%	3%	87%	0.98	0.56	2.91	4.46	22%	13%	65%	1.15
Seep-26	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock pad tundra (Seep-02, -26)	2023-06-12	75%	14%	10%	2%	88%	0.60	0.56	2.29	3.45	17%	16%	66%	1.30
Seep-04	Waste rock pad	WR pad seep-surface flow in tundra	Waste rock stockpile tundra (Seep-04)	2020-08-01	66%	17%	14%	3%	83%	0.61	0.23	2.41	3.25	19%	7%	74%	1.03
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow (Seep-13)	2021-06-17	73%	16%	9%	3%	88%	0.24	0.06	0.56	0.86	28%	7%	65%	1.32
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-07-29	60%	19%	19%	2%	79%	0.36	0.17	2.00	2.53	14%	7%	79%	0.84

Sample ID Convention	Area	Represents	Plotting group/Legend entry	Sampling Date	Ca	Mg	Na	K	Ca+Mg	Alkalinity	Cl	SO4	Total	Alkalinity	Cl	SO4	CMR <0.8
Units										100	35.45	96.07					Ca+Mg/SO
DL					Cation proportions					meq/L	meq/L	meq/L	meq/L	Anion proportions			4 mol/mol
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2021-09-01	63%	17%	19%	2%	79%	0.30	0.17	2.04	2.51	12%	7%	81%	0.87
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-06-30	72%	17%	9%	2%	89%	0.24	0.12	2.06	2.42	10%	5%	85%	0.93
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2022-07-24	68%	18%	12%	2%	86%	0.28	0.16	3.12	3.57	8%	5%	88%	1.00
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2023-06-12	75%	15%	8%	2%	90%	0.09	0.09	1.33	1.51	6%	6%	88%	1.20
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-05-25	74%	15%	6%	5%	90%	0.20	0.03	0.35	0.58	34%	5%	61%	1.32
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-06-10	70%	17%	10%	3%	87%	0.64	0.03	0.71	1.38	47%	2%	51%	1.07
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-07-06	66%	18%	13%	2%	85%	0.28	0.07	1.37	1.72	16%	4%	80%	0.99
Seep-13	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock stockpile lake inflow	2024-08-29	54%	23%	21%	2%	77%	0.32	0.45	2.71	3.48	9%	13%	78%	0.99
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow (Seep-14, -15)	2020-08-27	54%	15%	28%	3%	69%	0.60	0.74	1.46	2.80	22%	26%	52%	1.33
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	74%	16%	7%	3%	90%	0.52	0.10	1.10	1.73	30%	6%	64%	1.29
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	72%	16%	10%	2%	88%	0.68	1.07	2.71	4.46	15%	24%	61%	1.24
Seep-14	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	72%	14%	11%	2%	86%	0.66	0.42	1.79	2.87	23%	15%	62%	1.38
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2021-06-17	66%	21%	10%	3%	87%	0.18	0.05	0.42	0.65	27%	8%	64%	1.37
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-06-30	68%	22%	8%	2%	90%	0.24	0.21	1.50	1.94	12%	11%	77%	1.05
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2022-07-25	66%	23%	9%	2%	90%	0.32	0.37	2.08	2.77	12%	13%	75%	1.23
Seep-15	Waste rock pad-East l	WR pad-downstream flow into lake	Waste rock pad lake inflow	2023-06-11	68%	21%	10%	2%	89%	0.22	0.08	1.17	1.47	15%	6%	79%	1.06
Ref-03	Camp impacted background		Ref-03 (North of Camp)	2022-06-14	59%	29%	10%	3%	88%	0.13	0.18	0.02	0.33	40%	54%	6%	17.21
Ref-03	Camp impacted background			2023-06-13	61%	28%	9%	2%	89%	0.16	0.26	0.08	0.50	31%	52%	17%	6.43
Ref-03	Camp impacted background			2023-07-03	61%	29%	8%	1%	90%	0.20	0.54	0.10	0.83	24%	64%	12%	7.70
Ref-06	Background		Ref-06 (North of Ulu Lake)	2022-07-03	55%	26%	18%	2%	80%	0.09	0.03	0.07	0.19	46%	15%	39%	2.04
Ref-06	Background			2023-06-13	62%	25%	11%	2%	87%	0.07	0.03	0.07	0.17	40%	17%	43%	1.95
Ref-06	Background			2023-07-03	67%	24%	8%	2%	91%	0.11	0.03	0.11	0.25	43%	11%	46%	2.08

Notes

Renamed ID's

Italics <DL

Calculated from other value