



Gold Hill Mill Quarterly Water Report

1 message

Ben Langenfeld <benl@lewicki.biz>

Wed, Jan 11, 2023 at 2:11 PM

To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Cc: Jared Ebert - DNR <jared.ebert@state.co.us>

Patrick

See the attached Q4 2022 water data report from Gold Hill Mill and the Cash Mine.

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GHM-Q4 2022 Water Sampling Report.pdf

747K

January 11, 2023

Colorado Division of Reclamation, Mining, and Safety
1313 Sherman St, Rm 215
Denver, CO 80203

Delivered Via Email

RE: Q4 2022 Water Sampling Results
Gold Hill Mill, Permit No. M-1994-117
Cash Mine, Permit No. M-1983-141

To Whom It May Concern

The fourth quarter, 2022 ("Q4/22") water sampling was conducted by Lewis Perkins, Colorado Milling Company, on December 5, 2022.

- **Trace Element & Related Data:** Five monitoring stations were sampled for arsenic, cadmium, manganese, zinc, total dissolved solids ("residue") and sulfate. Analyses were performed by Colorado Analytical Laboratories Inc., based in Denver. Copies of their original laboratory analytical reports are included in this submittal.
- **Other Data:** Water depth, temperature and pH data were gathered in the field during sampling and are included in this submittal.

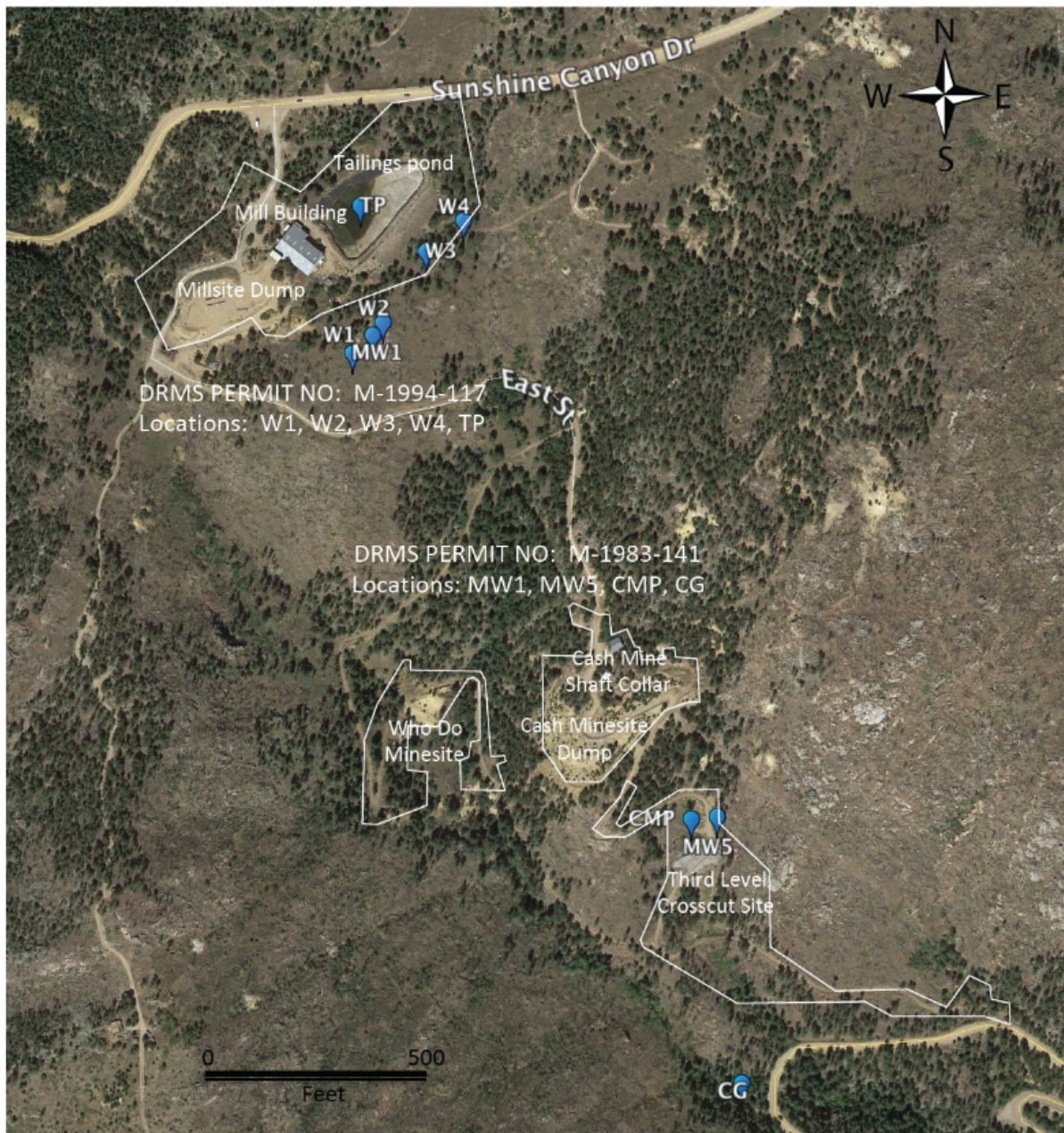
Note that zero values in the graphs represent "non-detect" results.

Please contact me with any questions.

Regards,



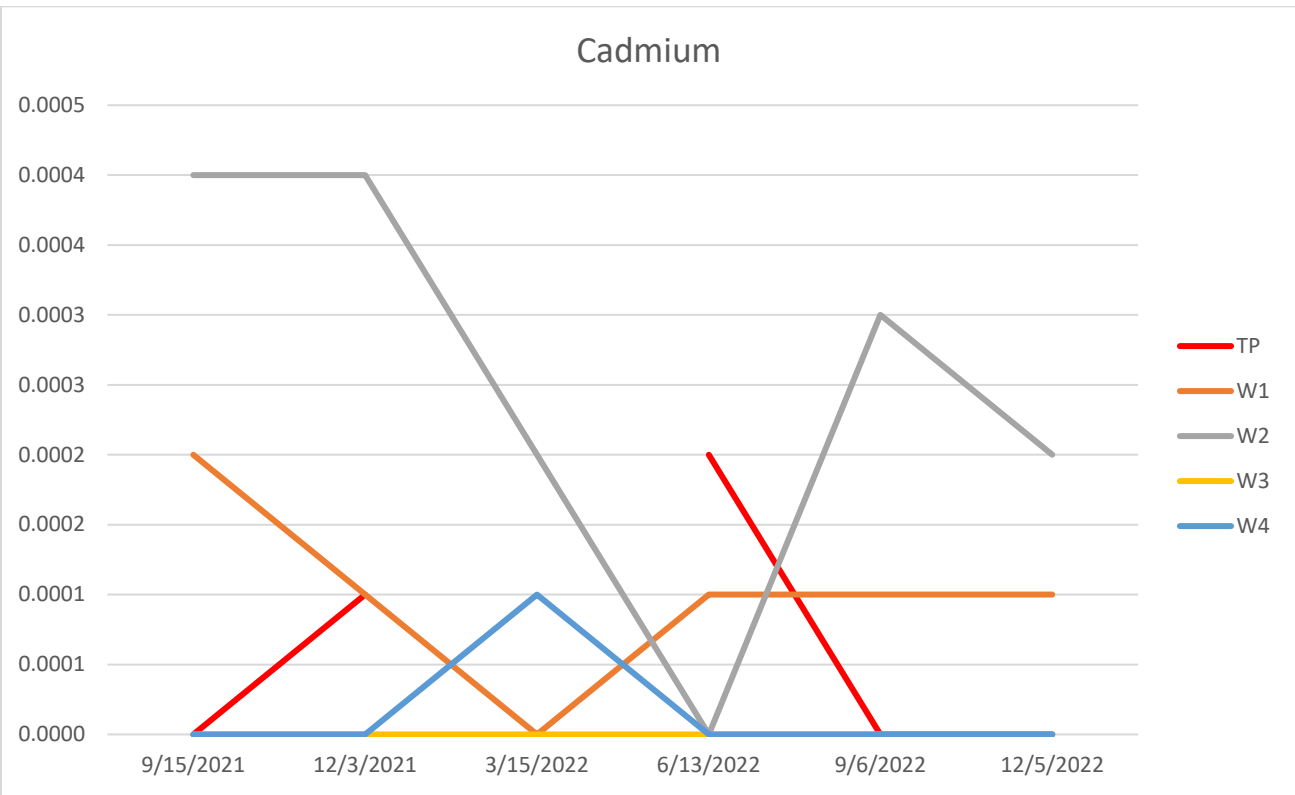
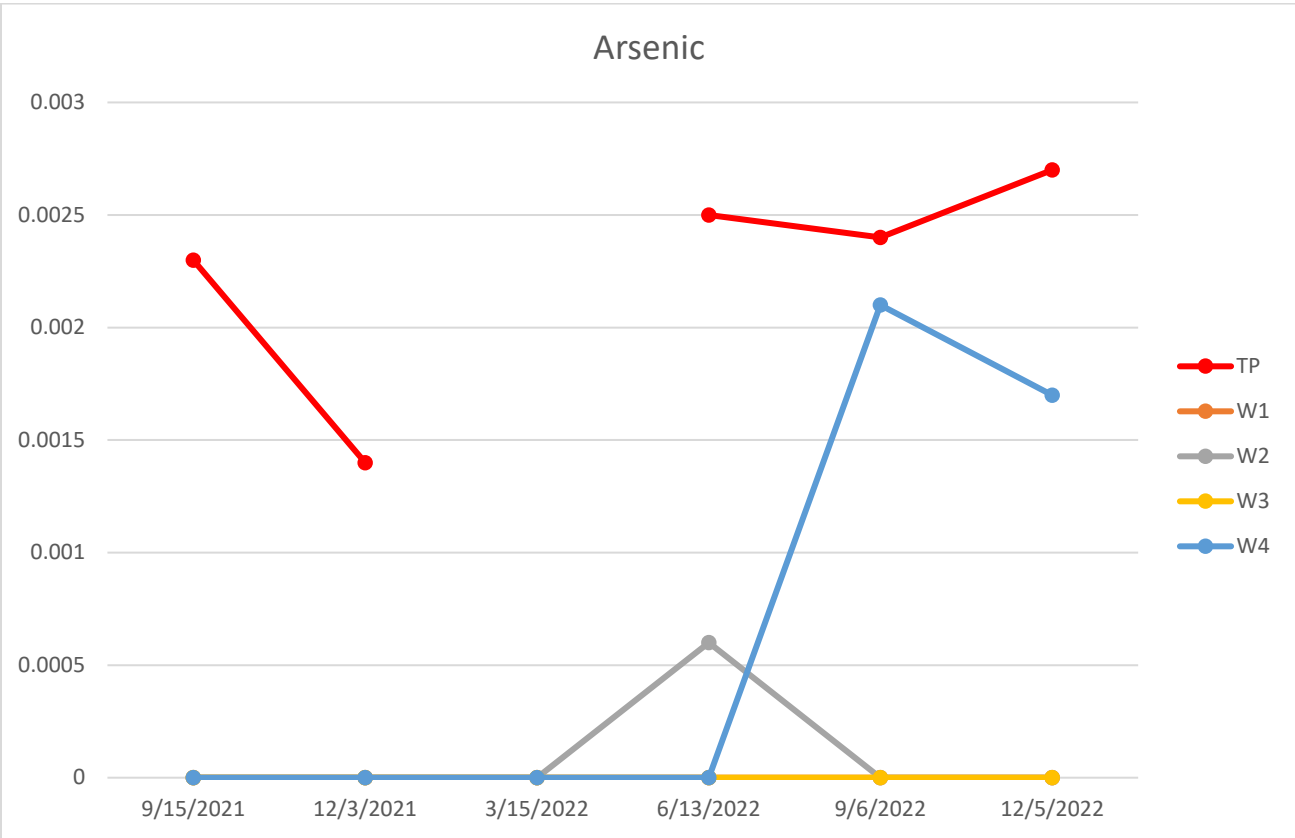
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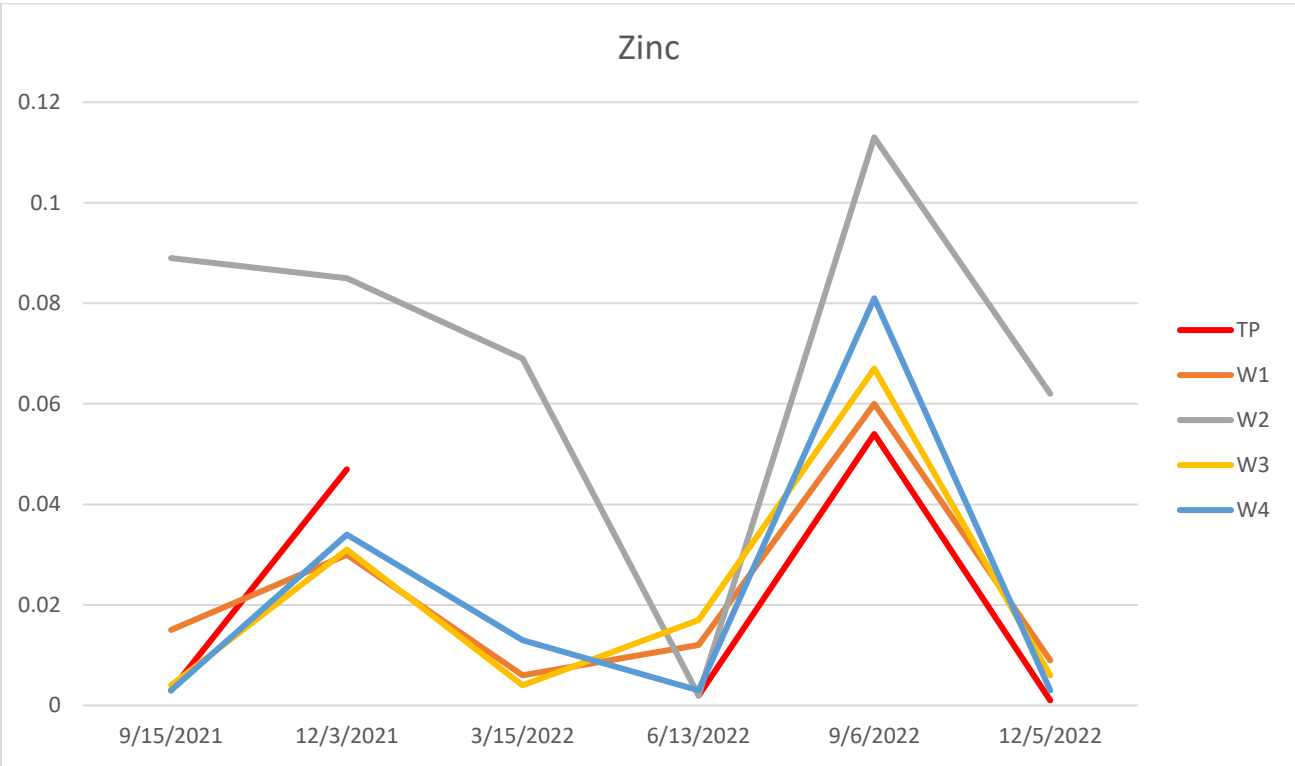
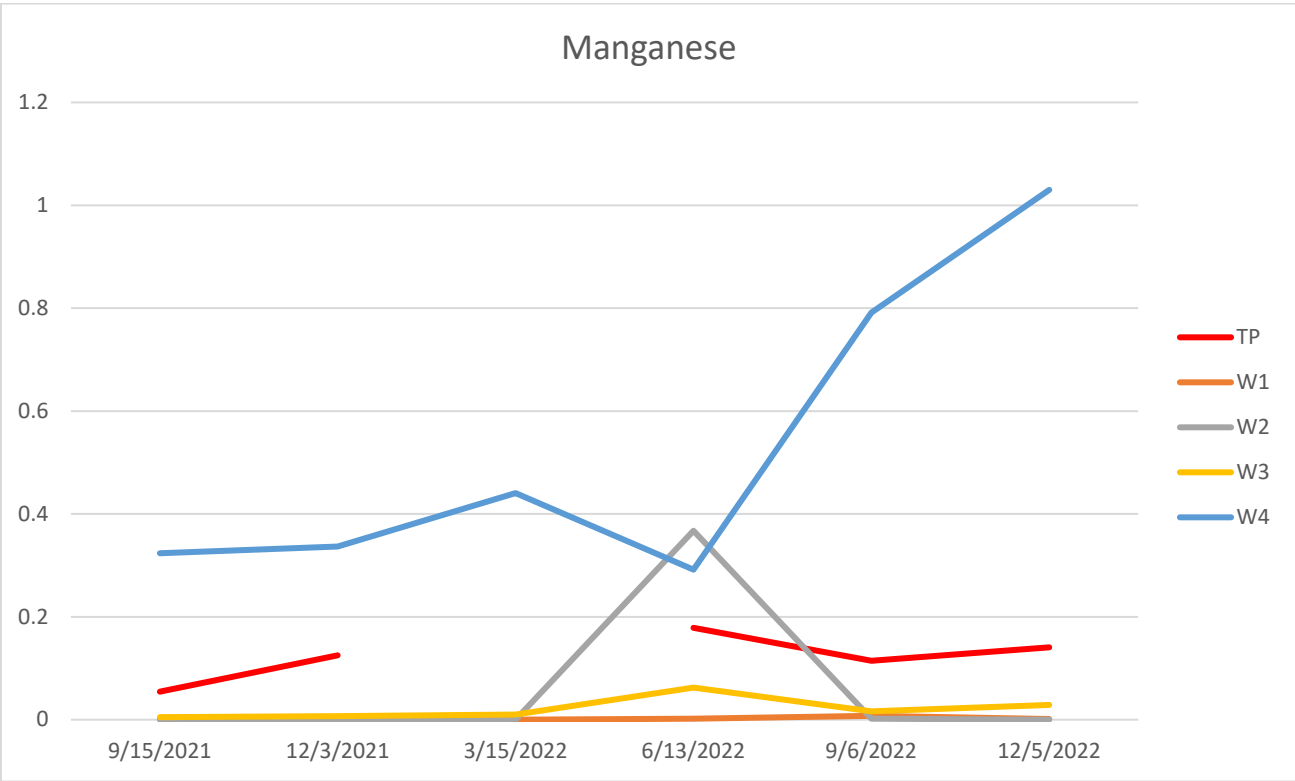


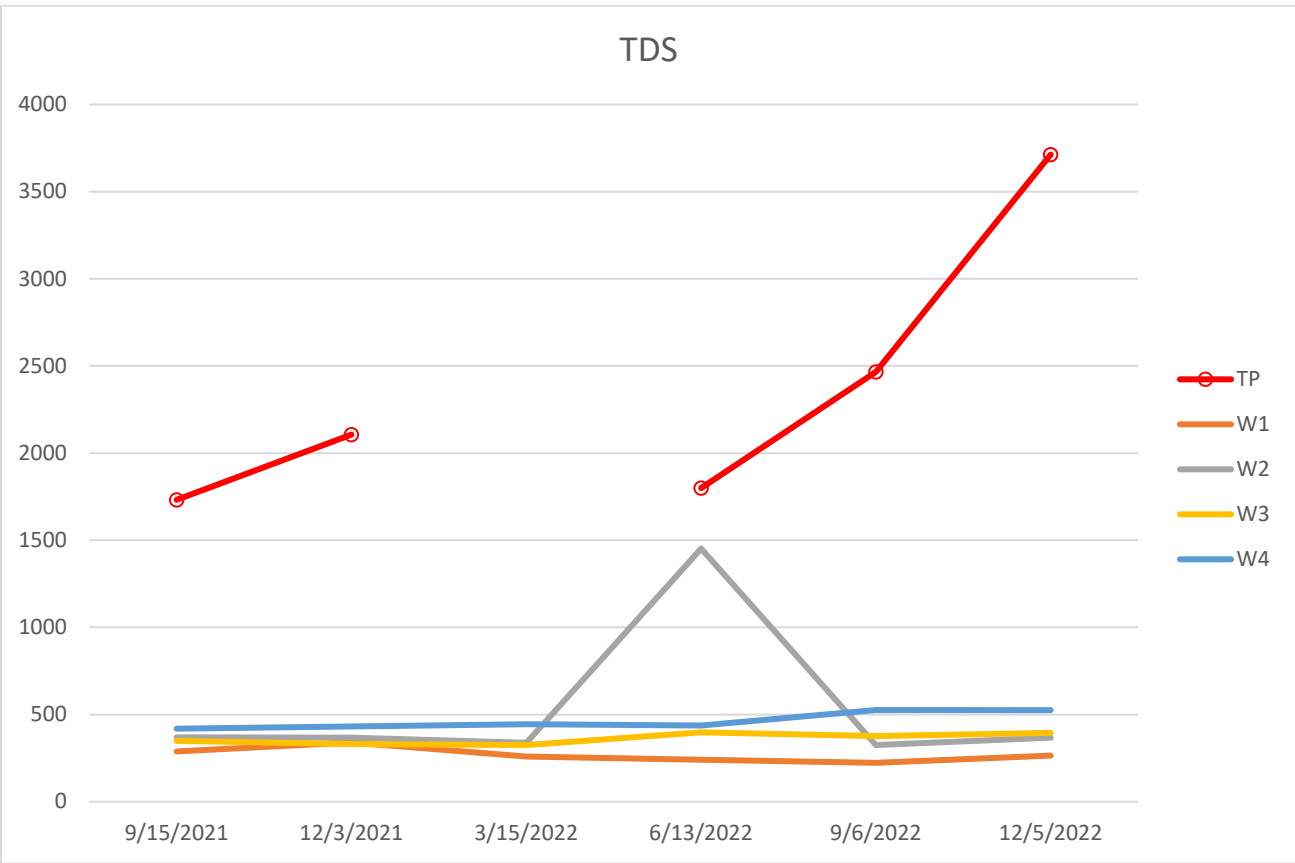
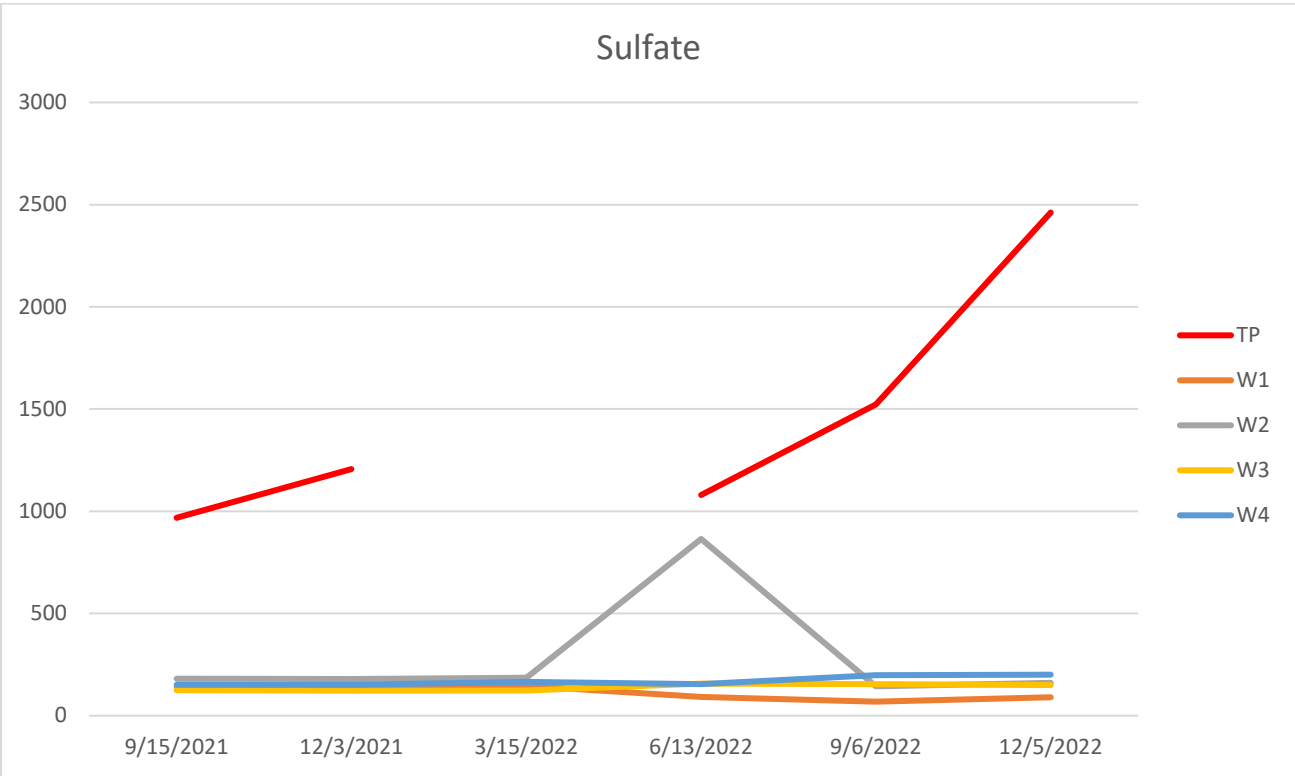
Map showing locations of water monitoring stations for permits M-1994-117 & M-1983-141

Locations		Well Measurements					Water Analyses (ppm/mg/L)							
Locations ID	Date	Time	Depth	pH	Temp (C)	Conductivity (uS/cm)	Sample ID	Date	As	Cd	Mn	Zn	Residue	Sulfate
Gold Hill Mill M-1994-117														
W-1	12/05/22	14:10	42.8	7.83	9.4	412	221206002	12/08/22	ND	0.0001	0.0013	0.009	265	89.4
W-2	12/05/22	14:30	53.3	7.67	8.4	550	221206002	12/08/22	ND	0.0002	ND	ND	368	160.7
W-3	12/05/22	14:55	29.1	7.51	7	622	221206002	12/08/22	ND	ND	0.0287	ND	395	149.35
W-4	12/05/22	15:15	35	7.37	7.6	798	221206002	12/08/22	0.0017	ND	1.03	ND	525	200.52
TP	12/05/22	11:55	0	7.6	1.4	4.65	221206002	12/08/22	0.0027	ND	0.1406	0.001	3713	2461.7
Cash Mine M-1983-141														
MW-1	12/05/22	14:10	64	7.36	85	1641	221206002	12/08/22	ND	ND	0.3444	0.013	1447	889.04
MW-5	12/05/22	15:49	22.5	7.55	9.7	901	221206002	12/08/22	0.001	ND	0.2282	ND	ND	ND
CG	12/05/22	N/A	FROZEN											
CMP	12/05/22	N/A	FROZEN											

Gold Hill Mill Analyte Graphs for the Past Five Quarters







Cash Mine Analyte Graphs for the Past Five Quarters

