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CHAMBER OF MINES OF EASTERN BRITISH COLUMBIA

A non-profit bureau of information providing authentic, reliable data to the
General public and the mining industry of Eastern British Columbia
215 Hall Street, Nelson, B.C. V1L 5X4 Phone: (250) 352-5242
chamberofmines@netidea.com

NEWSLETTER

Note: The views of contributors to this newsletter do not necessarily reflect the views of the Chamber

Chamber of Mines of Eastern BC Hours
Monday - Friday from 10am – 3pm

2023 Spring Banquet

It's time again for our Spring Banquet so please come join us at the Hume Hotel on Saturday April 1st, 2023. Happy hour will begin at 5PM with an AAA Roast Beef Buffet at 6PM followed by a live auction. There will be presentations from local mining companies.

Tickets are $60 per person and are available at the Chamber. Please call us at 250-352-5242 or email us at chamberofmines@netidea.com or cmebc1@gmail.com for reservations. Please let us know soon as we are required to provide numbers.

We appreciate any donation items that can be used in the auction as well as sponsorship!

2023 Basic Prospecting Course and Contest!

May 1st – May 7th, 2023

Don’t miss out on your chance to win a seat in our Prospecting Course and a deluxe Prospecting Kit.

Click below to visit our website or keep reading for information on our Basic Prospecting Course and Contest!

2023 Basic Prospecting Course and Contest!

CHAMBER OF MINES
of Eastern British Columbia

BASIC PROSPECTING COURSE

May 1st – May 7th, 2023

Every Year the Chamber of Mines of Eastern BC offers a Basic Prospecting Course.

Subjects covered are:

Mineral Identification

Rock Identification

Ore Deposits

Strategic/Critical Metals, Industrial Minerals & Mineral Economics

Geochemical & Geophysical Surveys

Placer Mining

Prospecting Procedures & Mineral Titles

Structural Geology

Local Geology and Placer Field Trips

LOCATION: - Chamber Office/Museum – 215 Hall St., Nelson, BC

SCHEDULE:
- Monday through Friday evenings 7:00 PM to 10:00 PM
- Saturday field trip - Placer 8:30 AM to 3:30PM
- Sunday field trip - Hard rock 8:30 AM to 5:30 PM

COST: - $525.00 includes a textbook, a mineral ID tool kit, Course Certificate, Chamber of Mines 1 Year Membership and other supplies.

INSTRUCTORS:

The course is taught by local experienced geologists and prospectors who volunteer their time to keep costs down and support ongoing activities of the Chamber.

To register, contact and submit the fee to Brad Gretchev at the Chamber office, 215 Hall Street, Nelson, BC. or call (250)352-5242 or email, cmebc1@gmail.com

CHAMBER OF MINES
of Eastern British Columbia

2023 BASIC PROSPECTING COURSE & PROSPECTING KIT CONTEST!

With the purchase of a ticket, you will be entered into a draw for 1 seat in our ***Basic Prospecting Course*** held from May 1st – 7th, 2023

and a ***Prospecting Kit*** consisting of

- 1 - Deluxe Garrett Gold Panning Kit
- 1 – Garrett Field Bag
- 1 – Garrett Specimen Pouch
- 1 – 30X Pocket Loupe
- 1 – Streak Plate
- 1 – Pair of Work Gloves
- 1 – Amethyst Crystal
- 1 - Garrett Edge Digger with Sheath for Belt Mount
- 1 - Garrett Cloth Bag
- 1 – Field Notebook with Water Resistant Paper
- 1 - Lanyard
- 1 – Magnet Pen
- 2 – Large Sample Bags
- 1 – Acid Testing Bottle

1 – Copy of E.L. Faulkner's Introduction to Prospecting Book

Tickets are $25 for 1 & $60 for 3

Tickets can be purchased at the Chamber of Mines (215 Hall St. Nelson, BC)

You can also call us at 250-352-5242 to arrange over the phone payment or email us at cmebc1@gmail.com

Update Report on Gus Property, Nelson M.D.
By owners. M. A. Kaufman and M. S. Cathro

The Gus property is located in the Kootenay Arc, 15 km south of Salmo, BC within a district, containing the historic Remac, Jersey, HB (Zn-Pb) mines and Emerald (W) mine. Twenty km to the south, across the USA border is Teck's
Metaline Zn-Pb mine.

The Gus Property is unique in this district, as principal values are silver and gold, tetrahedrite is a common ore mineral and a there is a previously unrecognized predominant component of ore-grade rock in the main dumps, which appears barren on eyeball observation. Logistics are favourable. The property is located near highways at elevations peaking at 1000m.

The Gus property remains untested; mainly because the three historic mines on the property have been categorized in government reports as small vein-type deposits, and the rock on the main dumps, which appears quite barren, had never been sampled until 2021. Two of the past producers were indeed small vein-type, but very high grade, and have never been explored deeper than a few metres. However, the largest past producer, Lone Silver and adjacent ground appears to offer potential for substantial Ag-Au-Pb-Zn-Cu carbonate replacement-type and more extensive disseminated-type deposits. Its potential has been overlooked, probably because of the "noseeum" nature of the dump material.

The Lone Silver Mine produced a small tonnage averaging 18.8 grams/tonne Au, 4342 grams/tonne Ag, 3.7% Pb, 2.5% Zn and 2.5% Cu. The mineralized zones, which have been exploited by six southeast and east trending horizontal adits over an East-West interval of + 100 metres, occur along the northeast striking, southerly dipping Black Bluff thrust fault and probable intersecting northerly striking, steep dipping transverse faults. The thrust marks the unconformable contact between the overlying (older) Middle Cambrian Nelway limestone, and underlying Middle Ordovician Active formation, predominantly calcareous shale and argillite. The
thrust is thought to traverse the property for over 2 km, but its trace is buried under deep overburden, its only exposure at a very small window around the Lone Silver mine.

Production has been mainly extracted from high-grade pockets in Middle Cambrian Nelway limestone altered to dolomite breccia, which itself appears to contain widespread weakly anomalous metals, with lesser production from quartz veining in the Active formation.

All of the adits have been caved for decades, but all of the dumps with the exception of the westernmost (Adit 5) show highly anomalous silver and lesser anomalous gold over a 100m distance (refer to accompanying workings map). The strongest assays, which respectively come from dumps 1, 3 and 4 and 6 combined, assayed as follows: 50.7 G/T silver and .47 G/T gold; 86 G/T silver and .04 G/T gold; and 140.8 G/T Ag and .131 G/T Au. And Adit 2 dump assayed 18.3 G/T Ag and .018 G/T gold. The predominant lithology of all the dump samples is dark gray
shaley rock with little obvious indication of mineralization, probably Active formation. It should be noted that sampling was systematic, each assay sample consisting of three to five pits 30 cm deep, containing coarse and fine material.

Along the north boundary of the Gus property, and in other locations in the district, there are occurrences of anomalous silver and zinc in very ordinary appearing Active formation shale and argillite, some barren looking rock assaying up to 12 ppm silver and 1.0 % Zn. These occurrences are most likely of sedex origin. There is a strong possibility that the metallic endowment of the shaley material comprising the Lone Silver dumps is of similar origin. So, what we are looking at here is a substantial stratabound mineralized zone in the footwall Active formation shales and hanging wall Nelway formation dolomite breccia, following the Black Bluff thrust fault along strike and down dip. And it is likely that hydrothermal activity along the fault system itself might have enhanced mineralization, particularly in the Nelway formation. There has never been any drilling at the Lone Silver mine nor along the Black Bluff fault trend. We have selected several drill targets to test this area. Ideally, an initial look would involve reopening and sampling the adits, but this might be difficult to permit, and is beyond our resources.

Additional Drill Targets

Approximately one km east of the Lone Silver workings is the Lucky Strike mine. Which produced 55 tonnes grading 44.2 grams/tonne Au and 1,166 grams/tonne Ag from a narrow fissure zone cutting Laib formation phyllite in the upper plate of the thrust. Mining by hand tools extended to only a few metres depth. A drill hole would be suggested. North of Lucky Strike is an area, which we call the East Gold Anomaly, also on the upper plate of the thrust. Here, over a distance of about 300 meters, we find pockets of anomalous gold-silver in Nelway silty limestone which, upon casual observation, do not appear to be mineralized. A few grab samples assay several grams/tonne gold with one sample at 11/ grams//tonne. One hole has been drilled in this area, which cut several anomalous gold intercepts. Additional drilling is suggested, particularly to test EM anomalies under a swamp just south of the drill hole. These anomalies could possibly indicate high-grade mineralization similar to Lucky Strike, but much more extensive.

Property Owners Contact Information
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GRIZZLY Discoveries Inc.

March 28th, 2023

Grizzly Provides Final Results for Phase 1 Drill Testing at Motherlode North, from Its Greenwood, BC Precious and Battery Metals Project

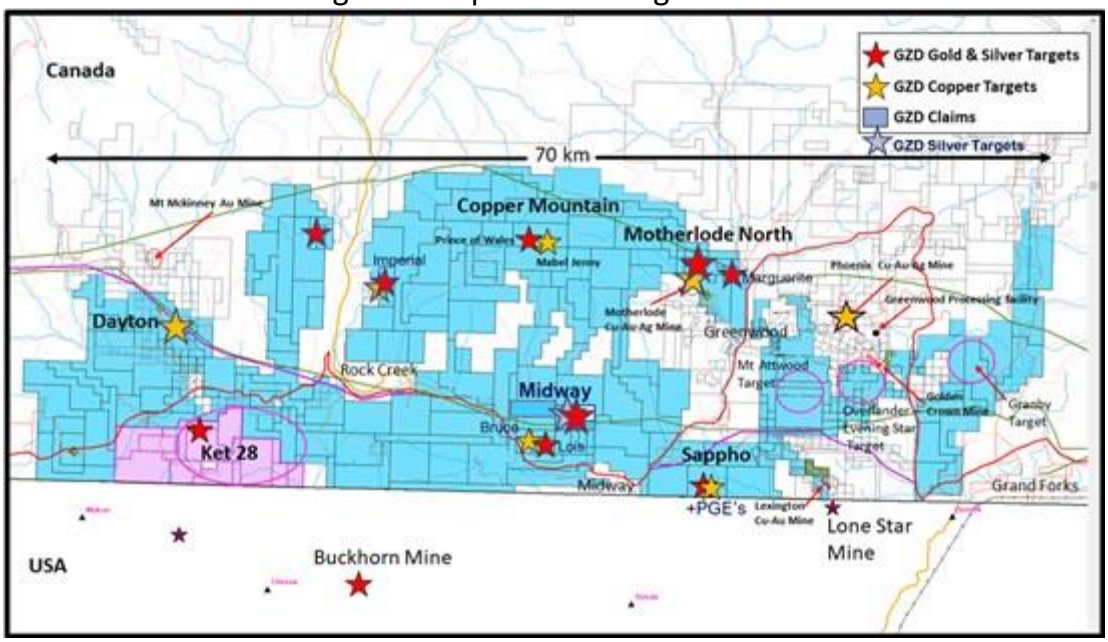
Grizzly Discoveries Inc. is pleased to announce that final assay and geochemical results have been received for Motherlode North drilling completed as part of its 2022 Phase 1 drill program at the Greenwood Project (Figure 1). A total of 1,722 m in nine core holes was completed at Motherlode North, approximately 500 to 750 m north of the historical Motherlode copper-gold-silver mine and 387 m in two core holes were completed at the Marguerite Target as part of the 2022 Phase 1 drilling program.

2022 Drilling Highlights

- The Motherlode North polymetallic and skarn targets (Figure 1) are comprised of copper-gold-silver +/- lead-zinc (Cu-Au-Ag +/- Pb-Zn) targets 500 to 750 m north and northeast of the historical Motherlode Mine (not owned by the Company), which produced significant amounts of Cu, Au and Ag including 173,000 ounces (oz) of Au, 688,000 oz of Ag and 77 million lbs of Cu between 1896 and 1918 and 1956 to 1963 (BC Minfile 082ESE034).
- Prior drilling by Grizzly intersected up 17.15 g/t Au, 41.7 g/t Ag, along with, 0.56% Pb and 1.51% Zn over 1.5 m core length at one of the skarn targets north of the Motherlode Pit (Table 1).
- Skarn and sulphide rich mineralization, along with widespread hornfels and propylitic alteration have been intersected in most of the 2022 Motherlode North (22ML07 to 15) and the two (22MR01 & 02) Marguerite core holes (Figures 2 and 3).

Brian Testo, President and CEO of Grizzly Discoveries, stated, "Drilling continues to indicate expansion of a mineralized system. Future work has the potential to focus on higher grades and expand the overall strike length and depth of the polymetallic mineralization near a formerly producing mine."

Figure 1: Exploration Targets 2022.



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Hole ID	From m	To m	Length m	Au g/t	Ag g/t	Cu%	Pb%	Zn%
11ML03*	7.00	26.00	19.00	1.559	11.12	0.035	0.069	0.303
includes	11.00	15.50	4.50	6.069	15.13	0.028	0.196	0.669
11ML04*	8.95	24.00	15.05	0.473	1.43	0.020	0.010	0.154
includes	8.95	15.00	6.05	0.979	2.53	0.034	0.023	0.296
11ML05*	24.50	53.00	28.50	0.88	1.90	0.010	0.020	0.250
includes	27.50	42.35	14.85	1.643	3.15	0.012	0.035	0.465
includes	39.50	42.35	2.85	4.114	6.88	0.037	0.031	1.036
22ML07	92.00	109.56	17.56	0.415	2.19	0.019		0.080
includes	99.00	104.00	5.00	1.307	3.10	0.034		0.191
includes	103.00	104.00	1.00	5.86	6.30	0.041		0.516
22ML08	38.00	49.09	11.09	0.108	2.43	0.013		0.059
and	52.46	53.00	0.54	2.12	5.20	0.075	0.014	0.957
22ML09	54.53	60.00	5.47		4.67			0.015
and	102.00	123.00	21.00		4.01			0.014
includes	117.00	123.00	6.00		4.83	0.012		0.017
22ML12	47.00	60.00	13.00	0.023	1.10	0.015		0.018
22ML13	11.17	22.00	10.83	0.049	4.44	0.012		0.029
and	73.00	88.00	15.00	0.332	2.63		0.010	0.053
includes	73.00	78.57	5.57	0.58	3.09			0.088
22MR01	5.31	10.63	5.32	0.442	5.61	0.028		
and	34.00	37.10	3.10	0.091	6.21	0.037		
and	97.00	216.00	119.00	Total of 80 of 116 samples >100 ppm Cu up to 1,600 ppm Cu				
	97.00	216.00	119.00	Total of 49 of 116 samples >200 ppm Cu up to 1,600 ppm Cu				
includes	166.00	184.75	18.75	0.065	3.34	0.062		
	176.00	184.75	8.75	0.101	3.82	0.090		
22MR02	70.00	79.50	9.50	0.227	4.36	0.037		0.013
includes	76.91	79.50	2.59	0.602	9.11	0.076		
and	123.00	169.00	46.00	0.051	1.59	0.047		
	123.00	169.00	46.00	Total of 41 of 45 samples >100 ppm Cu up to 1,980 ppm Cu				
	123.00	169.00	46.00	Total of 35 of 45 samples >200 ppm Cu up to 1,980 ppm Cu				
includes	129.00	137.00	8.00	0.123	2.06	0.127		

*2011 core holes with results previously released. All hole lengths are core length, true thickness is unknown at this stage of exploration.

- Final assay results for the nine Motherlode holes have yielded anomalous Au, Ag, Cu, Pb and Zn in every hole with a best high-grade sample of 5.86 g/t Au and 6.36 g/t Ag over 1 m core length along with several wide low grade intersections (Table 1) in particular adjacent to porphyritic intrusions in Triassic sulphide rich hornfelsed or skarnified Brooklyn sedimentary rocks.

- A number of the Motherlode North holes have yielded wide low grade Au-Ag+/-Cu-Zn intersections such as hole 22ML07 with 0.415 g/t Au, 2.19 g/t Ag, 0.019% Cu and 0.08% Zn over 17.56 m core length, along with hole 22ML08 with 0.108 g/t Au, 2.43 g/t Ag, 0.013% Cu and 0.059% Zn over 11.09 m core length and 0.332 g/t Au, 2.63 g/t Ag and 0.053% Zn over 15 m core length, interpreted to be part of a large alteration footprint in a well mineralized skarn-porphyry system.

- The porphyritic intrusions are widespread and are likely Cretaceous or Eocene in age. Sulphide mineralization with anomalous geochemistry appears to be spatially associated with these intrusions.

- The two holes in the vicinity of the Marguerite historical shaft intersected near surface skarn with anomalous Au-Ag-Cu and deeper hornfelsed sediments and breccias that are silica-sulphide rich and with widespread anomalous Cu over 50 to 100 m in thickness (Holes 22MR01 and 02 in Table 1). The deeper mineralization is associated with propylitic alteration and potentially could highlight deeper copper-gold porphyry potential beneath the Motherlode area skarn system.

- Holes 22MR01 and 22MR02 returned upper skarn related zones of 0.442 g/t Au, 5.61 g/t Ag and 0.028% Cu over 5.32 m, and 0.227 g/t Au, 4.36 g/t Ag and 0.037% Cu over 9.5 m core length.

- The lower highly anomalous copper-gold rich zones are highlighted by 0.123 g/t Au, 2.06 g/t Ag and 0.127% Cu over 8 m core length in hole 22MR02, but this is contained within a 46 m wide zone to the end of the hole where all but 4 of 45 samples yielded >100 ppm Cu up to 1,980 ppm Cu (Table 1).

- Similarly, in hole 22MR01, there is lower zone of copper rich mineralization that is 119 m in thickness to the end of the hole where 80 of 116 samples yielded >100 ppm Cu up to 1,600 ppm Cu Table 1).

- Although low grade, the wide highly anomalous intersections of low to moderate grade gold and copper are likely indicative or part of a large mineralized hydrothermal system.

Figure 2: carbonate hosted skarn in Motherlode North core hole 22ML007.

To view an enhanced version of this graphic, please visit:
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Figure 3: Skarn in Marguerite core hole 22MR001.

To view an enhanced version of this graphic, please visit:
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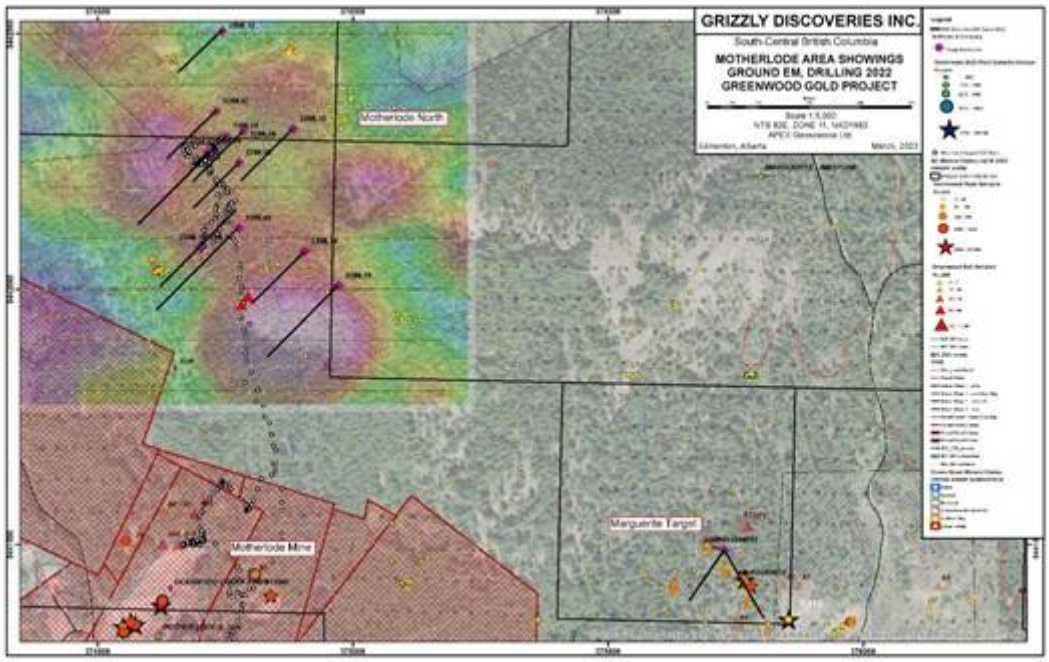
Figure 4: Location of 2011 and 2022 drillholes with ground HLEM, rock and soil sampling - Motherlode.



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2023 Exploration Update for Greenwood

- Additional drilling is warranted in 2023 at both the Dayton and Motherlode North target areas in order to follow-up the anomalous results of the 2022 drilling program. In addition, there are other targets at Motherlode North in the vicinity of the Motherlode Pit, the Greyhound Pit and the Great Hopes crown grant that have yet to be drill tested.
- Drilling and trenching permit applications have been submitted for the 2023 season for the Midway, Sappho and Copper Mountain target areas.
- Additional permit applications for drilling at the Imperial, Crown Point and the Overlander-Mt Attwood areas are in preparation and will be submitted in the near future.
- The Midway area is being targeted for copper-gold skarn and epithermal gold-silver. The Mt Attwood-Overlander area is being targeted for mesothermal to epithermal gold-silver.
- At Midway, selective rock grab and composite rock grab samples collected from outcrop in 2022 at the Midway Mine-Picturestone area, yielded a range of 12.05 g/t (or 0.351 ounces per ton [oz/t]) Au up to 70.8 g/t (2.065 oz/t) Au (See Company news release dated October17, 2022).
- Three of the selective rock grab samples from the Midway Mine yielded from 1,360 g/t Ag (39.7 oz/t Ag) up to 2,140 g/T Ag (62.4 oz/t Ag) (see the Company news release dated October 17, 2022).

- All highly anomalous samples are from outcrop and characterized by the presence of abundant pyrite, arsenopyrite with visible galena and sphalerite in a siliceous chalcedonic host. The mineralization is hosted in polymetallic veins that display the presence of Pb, Zn, Cu, arsenic (As) and antimony (Sb) and are likely epithermal in nature.
- A selective rock grab sample from an outcrop 200 m west of the main Midway Mine yielded 15.85 g/t Au (0.462 oz/t Au) and 1,530 g/T Ag (44.6 oz/t Ag), illustrating that there is potential for additional high-grade mineralization in the area.
- The Sappho area is being targeted for Cu-Au-Ag-platinum group elements (PGEs) in skarn and porphyry type targets associated with an alkalic intrusion and several diorite intrusions south of Greenwood near the US border.
- At least three new showings of copper oxide/sulphide mineralization were found during the 2022 program at the Sappho Target area.
- Previous surface sampling and drilling by Grizzly at the Sappho area has yielded significant anomalous copper, gold, silver along with platinum and palladium.
- Numerous rock grab samples have yielded greater than 1% Cu, 1 g/t Au, 1 g/t platinum (Pt) and 1 g/t palladium (Pd) (see Company news release dated November 3, 2022).
- Historical drilling (by the Company) has yielded up to 0.31% Cu, 0.75 g/t Au, 0.34 g/t Pt, 0.39 g/t Pd and 6.57 g/t Ag over 6.5 m core length in skarn at Sappho in 2010.

Assaying was conducted at the Saskatchewan Research Council (SRC) in Saskatoon, Saskatchewan with each sample analyzed for gold by a standard fire assay, which involves the fusion of a 30 g sample aliquot and a wet chemical (ICP or AA) finish. Additionally, each sample was submitted for multi-element geochemical analysis by the ME-MS technique, which is an ICP-MS analysis following a near-total, four-acid, digestion of a 0.25 g sample aliquot. Initial silver and base metal (Cu, Pb and Zn) "overlimit" ICP-MS results (>100 g/T Ag and >1% for base metals) were analyzed by a follow-up, "ore grade" ICP technique, which also involved ICP analysis following a four-acid digestion on a 0.4 g sample aliquot. The SRC has developed and implemented strategically designed processes and a global quality management system at each of its locations that meets all requirements of International Standards ISO/IEC 17025:2017.

Robocop Update

Permit applications are still in progress for the Robocop Property. Once received the Company will conduct its drilling program at the Robocop Project.

https://www.grizzlydiscoveries.com/

Chamber report by Brad Gretchev:

Spring has sprung, and the Chamber has been busy with classes and students coming in while on March break.

We had the Grade 5/6 class from St. Joseph's Elementary School come in for a visit.

If you are interested in exploration, please come visit us at the Chamber of Mines. We have hundreds of specimens from the Kootenays and from around the world.

We also help people with their research, obtain their FMC, mineral ID, and so much more.

Don't forget about our 2023 Basic Prospecting Course & Contest!

2023 Basic Prospecting Course & Contest!

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SMALL CORP MEMBERSHIP (11-30 EMPLOYEES)	**$200.00 _____**
MEDIUM CORP MEMBERSHIP (31-50 EMPLOYEES)	**$300.00 _____**
LARGE CORP MEMBERSHIP (51+ EMPLOYEES)	**$500.00 _____**
Date…….	**$_____**

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