




THE TELEPHONE CITY CRYSTAL



	<p>September 2020 VOLUME 104 ISSUE 1</p>  <p>Featuring: Places to rockhound in Ontario</p>	
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INSIDE THIS ISSUE

A Message from the BOD

Hints & Tips / BLMS info Pg 2

Workshop Pg 3

BOD Contacts/ Museum info for 2020 Pg 4

A Rockhound Place to Dig Pg 5

NEW- Mineral Crossword Pg 6

A Message from the BOD

The current BOD for the 2020-2021 year

Ernest Edmonds – President

Gerald Van Decker – Vice President

Alan Hietapakka – Secretary

Alice Logan – Treasurer

Christine Taylor – Newsletter/Website/Social media Editor

Ellen Boyington – Workshop Supervisor

Jordan Hill – Lead Workshop Instructor

Allan Hietapakka – Show Chair

Though this year has been that of an uncertain one, we hope to see progress amid our community to help overcome the current Covid-19 Pandemic. We remain optimistic that by next spring, we will be able to hold our Annual Gem and Mineral Show. In the time being, we are working to develop ways to engage our fellow members remotely. Ideas for silent auctions/digital auctions are being developed and we will share more as we finalize the details.





WORKING WITH FELDSPAR

- When orienting pieces of moonstone, labradorite and sunstone, the plane of best color must be parallel to the base of the proposed cabochon; usually, some grinding and wetting will furnish this information.
- A fine-grit wheel should be used for grinding; labradorite and amazonite may splinter if subjected to shock.
- Polish cabochons on a felt lap with cerium oxide or tin oxide; for faceting transparent material, use either of these agents on a lucite lap.



Safety first!! DIGGING!!

Some rockhound MUST HAVES when searching for that perfect specimen!

- Solid/covered boots
- Protective eye wear
- Gps/compass
- Small sledge hammer
- Chisel(s)
- Rock pick
- Bucket
- ROCKS!!!!

**WASH YOUR HANDS FREQUENTLY....WEAR YOUR MASK
....PRACTICE SOCIAL DISTANCING.....Keep up the good
work!!!**



BLMS  INFO

MEMBERSHIPS FOR 2020-2021!!!NOW ACCEPTING E-TRANSFERS!

Membership cards valid until February 1, 2021
As per our Bylaws
 Article 2: Membership
 Item 2.1 Qualifications for membership: Membership in the Society shall be open to all individuals who agree with the constitution, by-laws and objectives of the Society and pay the appropriate fee.

Item 2.2 Fees: Annual fees shall be due and payable not later than January 31st each year, and shall be collected by the Treasurer. New members who join the society during the period from Sept. to Dec. 31 shall be entitled to a membership card for the following year.

PLEASE CHECK YOUR MEMBERSHIP CARDS!
 Members who have not renewed their membership for 2020 will not receive BL&MS Newsletters, and will not be allowed to use the workshop until such time as they renew their membership.

Membership renewals and new memberships can be acquired at the monthly meetings, the workshop or by mail.
 Please pay via cash or cheque.
 Note: If paying by cash at the Workshop please bring the exact change.

BL&MS Membership Fees
 Single \$20.00 Family \$25.00





WORKSHOP

OPEN WITH LIMITED HOURS-see below

We are always seeking new volunteers for workshops, if anyone has any suggestions; please contact Allan Hietapakka at allanhietapakka@gmail.com.

NOTICE: THE WORKSHOP IS OPEN WITH LIMITED HOURS- PLEASE BE AWARE OF DISTANCING AND WEAR A MASK!!

Day	Hours	Workshop Instructors
Sunday	12pm-4pm	Ernie Edmonds / Allan Hietapakka
Monday	CLOSED	*****
Tuesday	CLOSED	Jordan Hill
Wednesday	12pm-3 or 4pm	Ernie Edmonds / Allan Hietapakka
Thursday	CLOSED	Amanda Disher
Friday	CLOSED	*****
Saturday	12pm-5pm	Brad McClelland/ Ellen Boyington

The days & times are also posted on our website & Facebook sites.

Website: www.brantfordlapidarymineral.ca

Facebook: <https://www.facebook.com/Brantford-Lapidary-and-Mineral-Society-102281731186467/>

WORKSHOP PUNCH CARDS CAN BE PURCHASED currently only at THE WORKSHOP

There are four levels of Workshop Punch Cards which are available for current members to purchase at our BL&MS Monthly Meetings and at our Workshop. Please pay by cash (exact change) or cheque.

The Four Levels of Workshop Punch Cards are as such:

1. 1 session for \$12.00
2. 5 sessions for \$55.00 (\$11 per workshop session)
3. 10 sessions for \$100.00 (Save money - \$10 per workshop session)
4. 20 sessions for \$180.00 (Best Savings - \$9 per workshop session)



NOTE: Each session is for ONE workshop usage per person. The Workshop Punch Card MUST be punched by the Workshop Instructor for EACH PERSON on EACH DAY of their workshop usage BEFORE they work on the machine.

FIND US ON FACEBOOK  <https://www.facebook.com/Brantford-Lapidary-and-Mineral-Society-102281731186467/>

NOW ON TWITTER  [@BrantfordS](https://twitter.com/BrantfordS)

A PDF copy of the newsletter is posted also on the BL&MS Website.





BOARD OF DIRECTORS

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	LEAD WORKSHOP INSTRUCTOR: Jordan Hill	519-717-8171	centralfire99@gmail.com

MUSEUMS and Mineral related

SOME MUSEAUMS ARE OPEN!!! CHECK THEIR WEBSITES/CALL TO VERIFY

The CCFMS has a list on their website of Museums with Mineral & Hobby Related Items in Ontario. Go to the Menu on the CCFMS website www.ccfms.ca and click on “Hobby Items” then Click “Museums”.

The list of Museums in Ontario includes:

- | | |
|---|--|
| Royal Ontario Museum, Toronto, ON | Cobalt’s Northern Ontario Mining Museum, Cobalt, ON |
| Bancroft Mineral Museum, Bancroft, ON | Earth Sciences Museum, University of Waterloo, ON |
| Bruce Mines Museum, Bruce Mines, ON | Elliot Lake Nuclear and Mining Museum, Elliot Lake, ON |
| Canadian Drilling Rig Museum, Selkirk, ON | Miller Museum of Geology and Mineralogy, Kingston, ON |
| Canadian Museum of Nature, Ottawa, ON | |

If you go to the “Museums of Ontario” website (www.museumsontario.ca) they list the following Museums as having Minerals on display: Dryden and District Museum, Dryden, ON also displays Pioneer and Native Artifacts as well as Minerals

ROM - ROYAL ONTARIO MUSEUM OPEN!!

- Rock, Gem, Mineral, Fossil & Meteorite Identification Clinics at the ROM

More Information, contact ROM: 416-586-5549 or ROM website: <https://www.rom.on.ca/en/visit-us>

Visitors with rocks, minerals, gems, fossils or suspected meteorites can have them identified at the special ID clinics, held 6 times a year. These clinics are free to the public but patrons wishing to visit the rest of the museum will be charged admission. No appointment necessary, first come, first served. Sorry we can’t ID stone artifacts & NO appraisals will be done. Hours: Wednesday 4:00 pm-5:30 pm Location: School Groups Lunchroom, President’s Choice School Entrance on Queen’s Park, doors nearest Museum subway shop.

CLINIC DATES FOR 2020 – TBA- October 14th / December 9th





Smart Mine (The Lost Mine)

The Smart Mine, of Renfrew County in Ontario just outside Bancroft is an area of a mineral collectors dream! The area is abundant in apatite, fluorapatite, titanite, zircon, biotite just to name a few. The mine is not always easily willing to give up it's treasures, not without some work. Knowing where to look can be a significant factor in your findings here. Though you can still find many open holes filled with crystals, your task, is to get them out! Be sure to bring your tools here, much of these minerals are in a stronghold and require a firm but delicate touch!

There are several different pathways you can follow throughout the mine, explore and find new areas to dig. The claim holder requests a donation of about \$10+ to dig, which is later donated to a childrens charity (There is a metal box on site).

HAPPY HOUNDING!!

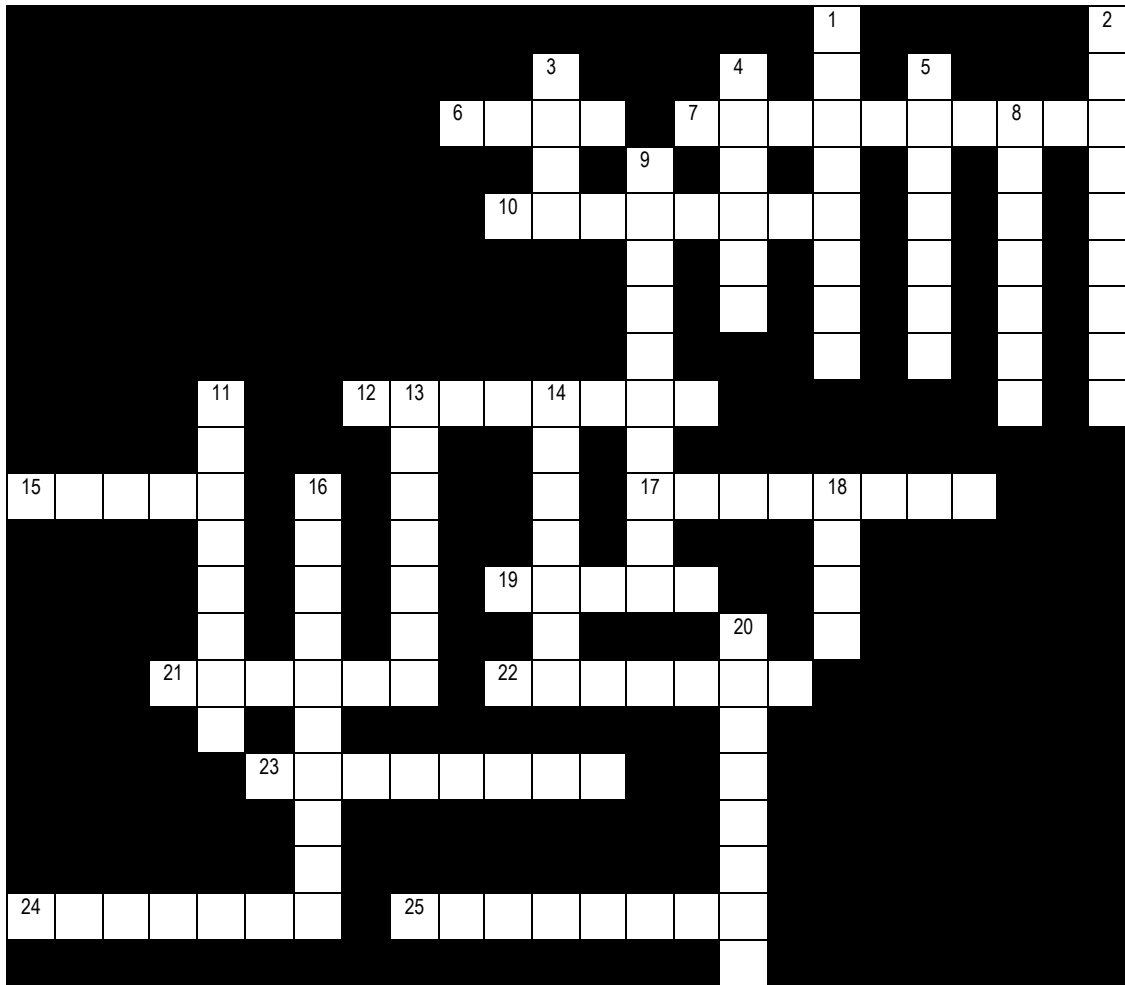


Minerals found at the Smart Mine

Apatite	Phosphate minerals, hexagonal, most commonly found green
Titanite	calcium titanium nesosilicate mineral, monoclinic, most common reddish brown-brown
Zircon	Nesosilicate, tetragonal, most common reddish brown
Biotite	Phyllosilicate, monoclinic, dark brown-greenish brown
Diopside	Pyroxene mineral, monoclinic, commonly light to dark green
Microcline	Tectosilicate mineral, Triclinic, colourless
Pyrite	Iron sulfide, Isometric, pale brass-yellow



Crossword Puzzle- Common Minerals



Across

- 6-a fracture in rock containing a deposit of minerals or ore
- 7-flammable gas, consisting largely of methane and other hydrocarbons
- 10-a low-grade iron ore consisting largely of chert
- 12-the process of scraping or wearing away
- 15-a component of soil formed by the decomposition of leaves and other plant material
- 17- extracting a metal from ore by _____.
- 19-a soft finely stratified sedimentary rock that formed from consolidated mud or clay
- 21-a metamorphic rock that may be foliated or nonfoliated
- 22-a silvery-white metal in the actinide series of the periodic table
- 23- a mineral usually made up of colourless or pale-coloured crystals
- 24- a mixture of hydrous aluminum oxides, aluminum hydroxides, clay minerals, and insoluble materials
- 25 – a reddish-black mineral consisting of ferric oxide

Down

- 1- unrefined petroleum
- 2-also known as common mica, isinglass, or potash mica
- 3-India is the largest producer of this mineral
- 4- made up of sodium chloride and colourless cubic crystals
- 5 –a carbonate mineral and the most stable polymorph of calcium carbonate
- 8-a machine that collects oil
- 9-a fossil formed when sediment fills the inside or covers the outside of a dead organism
- 11-a hard, dark, glasslike volcanic rock formed by the rapid solidification of lava without crystallization
- 13- a name used for a large group of black mica minerals that are commonly found in igneous and metamorphic rock
- 14- this chemical element has the symbol S and atomic number 16
- 16-a group of dark-coloured amphibole minerals found in many types of igneous and metamorphic rock
- 18- a clay mineral composed of hydrated magnesium silicate
- 20-the word from Sweden directly translates to 'heavy stone'

If any members have suggestions for future crossword clues, please email to ctaylor.1187@gmail.com



THE LIGHTER SIDE



*UNTIL NEXT
TIME.....
Keep Hounding
and stay safe!*



