



## THE MINERALOGICAL SOCIETY OF NEW SOUTH WALES INC

Website: [www.minsocnsw.org.au](http://www.minsocnsw.org.au)

Please address all correspondence to :-  
The Secretary, 58 Amazon Road, Seven Hills, NSW 2147

### NEWSLETTER      SEPTEMBER 2018

**The September Meeting will be held on Friday the 7<sup>th</sup> of September at 7.30 pm in the clubrooms of the Parramatta and Holroyd Lapidary Club at 73 Fullagar Road, Wentworthville.**

There will be a talk to be given by Angela Lay on  
**‘World Class Linarite from Drake’.**

The talk will be followed by a lecture by Jeff Davis on : -  
**Elements That Make Up Minerals’.**

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### FORTHCOMING MEETINGS AND PROGRAMS

October 5<sup>th</sup>:    The program will include talk a by Professor Peter Williams on :- **‘Misleading Mineral Locations’**

The talk will be followed a lecture to be given by Ross Pogson on : -**‘The Molong Pallasite Meteorite’**

November 2<sup>nd</sup>:            Lecture to be given by Glen Cathers on : - **‘The Sepon Copper Mine, Laos’.**

December 7<sup>th</sup>:            **Christmas Social and ‘Swap n’ Sell’.**

**2019:**            The Society does not hold General Meetings in January and the first Meeting in 2019 will be on February the 1st. Meetings will be held on the first Friday of each subsequent month through the year unless the first Friday is before a long weekend when the Meeting would be put back one week.

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### FIELD TRIPS

Date	Locality:	Leader
Check MinView, DIGS and Mindat for minerals and site information		
15/16 <sup>th</sup> September	Assistant site leader needed to guide this field trip	
	McAlpine Mine Tumut Open to all members <b>State Forest Fossicking Licence required.</b> Tumut Hotel Dinner option	Need a site leader or group

27 <sup>th</sup> / 28 <sup>th</sup> October	Assistant site leader needed to guide this field trip		Need a site leader or group
	Duckmaloi Bi & Garnet occurrences Lowes Mount SF. Open to all Members. Camping or Oberon Accommodation. <b>State Forest Fossicking Licence required,</b> RSL Optional		
24 <sup>th</sup> November	CANNBERRA Weekend	GeoScience Canberra Visit, limit 10, afternoon Open to all Members. Arrange your own accommodation, camp at Cotter Reserve	Site Leader: Steven Petkovski
25 <sup>th</sup> November		Paddy's River, Corrin locality, Canberra Pending approval ACT Heritage Council Open to all Members. Camping at Cotter Reserve	Edward Zbik
FUTURE FIELD TRIPS	Your choice, Mineral or locality. Small Groups 2-4 members to evaluate sites found on MINVIEW, MINDAT, DIGS, AJM and other Mineral Publications articles on sites within NSW, Australia, etc.		Need a site leader or group

To register for any of the above field trips:  
Contact Edward Zbik by e-mail: [ecjz@optusnet.com.au](mailto:ecjz@optusnet.com.au)  
Any questions, call 0401 538 480 until 10:00pm

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## Minutes of the ANNUAL GENERAL MEETING AUGUST 3<sup>rd</sup> 2018

The 2018 A.G.M. was held in the clubrooms of the Parramatta and Holroyd Lapidary Club and attended by over forty members comprising a quorum. The Meeting was opened by the Society President, Dieter Mylius.

Initially the President reminded the members to help rearrange the chairs and tables at the end of the Meeting to clear the room space when they could then continue conversing and attending to the refreshments. The President next advised that at the last Committee meeting it had been decided that the Society should phase out as much as possible the current mailing-out of hard-copy Newsletters to a number of members in favour of them accessing the information via their computers. Members with computers and Internet access whose electronic addresses might not yet be with Society records were recommended to provide the Society with their addresses and indicate whether they would be willing to access and receive information electronically.

Ed Zbik reported that the next **Field Trip** would be held over the 25<sup>th</sup> and 26<sup>th</sup> of August weekend with a party visiting sites in the Oberon area for sapphire hunting. He acknowledged that the weather would be likely to be substantially cold at this time of the year.

Graham Ogle reported that the next **Micro-Mineral Group meeting** would be held at John Behren's house a week on Saturday at 1.00 pm.

John Chapman addressed the meeting to describe and display a few images taken during the recent **Field Trip** to the **Manuka mine** in central NSW. The trip had been very productive of specimens mainly including a variety of quartz crystals in unusual forms. The Society party had been very comfortably housed in mine accommodation during which they had spent a day fossicking in the main Manuka pit but also made day trips out to neighbouring sites such as the Hera mine. Images showed members of the party working on the mine dumps, Ed Zbik pointing out that all were correctly attired in protective clothing and carrying adequate equipment. Other images showed some of the more significant or unusual specimens that had been found. Geoff Parsons had also brought in a number of specimens to display.

With no further announcements to be made the President turned to the official proceedings of the A.G.M. and asked that members vote to accept the minutes of the 2017 A.G.M. which has been circulated with the September 2017 Newsletter. Acceptance of the previous year's A.G.M. minutes was proposed by Graham Delaforce and seconded by Arthur Roffey with no dissensions.

Dieter Mylius then delivered the President's Report for 2017/2018.

## **'President's Report 2018**

Another year gone, with 2017-18 going down as a successful and enjoyable year for the Mineralogical Society of NSW. It was our 43rd year.

As you have no doubt noticed, we are now well established here at the Parramatta-Holroyd Lapidary Club premises. The attendance at meetings, and the total membership, is quite stable, and I'd like to take this opportunity to welcome all the members who have joined recently.

I believe our Friday night programs have been enjoyable, informative and well presented, and I thank everyone who presented talks, mini-talks, and participated in forums, very much. A lot of preparation is involved in putting together a talk.

I'd like to give my thanks to everyone who served on the outgoing committee. The committee meets most months to look after the behind-the-scenes stuff. From my point of view, there are no politics and not too many disagreements, with everyone having the best interests of the Society at heart. With this in mind, remember that any member can nominate to be on the committee, and I would encourage anyone interested to consider serving.

John Chapman has very ably filled the role of Vice President and looks after the Friday night program, which I am sure you will agree has been fantastic. Graham Ogle has made sure our finances are well looked after. Peter Beddow has, with the help of others in the committee and indeed other members, looked after our stomachs. And of course, Ed Zbik who has taken on field trips, the library and the Safe Work Methods Certificates, all in a big way. The other committee members, David Colchester, Geoff Parsons and Simon Tanner all contribute in large and small projects as and when needed. As always, special thanks go to George Laking, our secretary, who quietly and without fanfare, does a huge amount of work, often unnoticed, and has that corporate history of the Society that is so important. It's difficult to imagine the Society functioning quite the same without him.

I'd also like to thank other members that volunteer to do things - those that help setting up and cleaning up after the meetings, Jim who keeps the \$1 specimen box going, those that bring in delectable extras to delight our taste buds, to name a few.

The list of special and out-of-the-ordinary things the society does has not diminished. The February Kids with Cancer sale continues to be well supported, and the May auction saw many lovely specimens find new homes. Thanks to Jim Sharpe for so ably organising these events. And of course Christmas was its usual crowded event of food, drink and minerals, with many helpers pitching in to make it a great night.

Financially, the Society is in a very good place, with subs still not needing to be increased, and following this address, our Treasurer, Graham Ogle will present the financial statement.

We are fortunate that we still do field trips, as it is becoming increasingly difficult and at times disheartening, as new sites are difficult to find and visit, and those sites that were historically good, have been picked over too many times, have deteriorated due to weathering or are now out of bounds. However, for those that could go, the trip to Manuka must be listed as one of the highlights of the year. One attendee mentioned to me "the best field trip of all time". Other trips are planned for the coming year. This would not occur without the efforts and tenacity, and the navigation of the necessary paperwork, by Ed Zbik. He has also encouraged us, as members, to do the personal Safe Work Methods Certificates, also organised and run by Ed, which give us greater chances of visiting mines and other localities.

Ed has also overseen the organisation of our library, which is now operating, so that texts and magazines can be borrowed by any member. There have been several working bees to get the borrowing system ready and I thank those that have helped in this rather large task. If you want to know how to borrow something, talk to Ed.

The micro mineral group, convened by Graham Ogle, has been meeting every month and is growing, such that, at the last meeting of 13 people complete with microscopes and lights, as well as boxes of specimens, were struggling to fit in a family home. The group is looking at other options to house this growing membership. Again this group is open to anyone in the society, and even if you do not have a microscope, the group is willing to share until you decide to obtain your own scope. To be on the email list, see Graham.

There are some other ideas and plans for future activities, and if there are any ideas that could become part of Society activities in the future let anyone in the committee know.

Finally, thank you to you, our members, for coming each month and your words of encouragement for the committee. There is nothing quite like a group of like-minded people coming together to share a common interest and passion. Thank you all.'

Dieter Mylius  
August 2018

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The President then called upon the Society Treasurer, Graham Ogle, to deliver the Annual Report for the previous financial year and copies of the report were circulated among the members. The Treasurer pointed out that he had prepared the Report in a new-look format to previous years, in Excell instead of Word.

The Treasurer reported that essentially the Society was in good financial shape as could be seen from the figures. The Society maintained three accounts, the current/cheque/operating account with a balance at the end of the last financial year of \$7,754.85 and the two bequest accounts, both as term deposits of \$31,966.32 and \$65,440.65, the three accounts totaling \$105,207.82.

Income from subscriptions, refreshment contributions, book sales etc and interest from the term deposits had provided an overall increase in funds against expenditures of \$653.01 for the year. Currently the interest from the Betty Mayne deposit was being added to the cheque account whenever the term matured whilst the interest on the Walker deposit was being allowed to roll over and accumulate in the fund.

## **MINERALOGICAL SOCIETY OF NEW SOUTH WALES**

### **FINANCIAL STATEMENT 2017-2018**

		<b>2017-18</b>	<b>2016-17</b>
<b><u>Funds in hand:</u></b>	Balance in Operating Account CBA # 06 2016 28023647 @ 30th June 2018	\$7,754.85	\$7,915.26
	Funds in CBA Term Deposit 1 - Betty Mayne Bequest	\$31,966.32	\$31,966.32
	Funds in CBA Term Deposit 2 - Walker Bequest	\$65,440.65	\$64,627.23
	Cash in Hand	\$46.00	\$46.00
	<b><u>Total Funds at 30th June</u></b>	<b>\$105,207.82</b>	<b>\$104,554.81</b>
<b><u>Increase in funds</u></b>		<b>\$653.01</b>	<b>\$3,021.50</b>

<b><u>Income:</u></b>	Membership subscriptions	\$2,650.00	\$2,890.00
	Supper donations and mineral sales	\$1,116.00	\$1,112.90
	Sale for Kids with Cancer	\$1,005.00	\$1,395.00
	George Smith book sales	\$227.00	\$688.80
	Interest on operating account	\$33.20	\$27.64
	Interest on term deposit (into operating account)	\$783.17	\$993.67
	Interest on term deposit (reinvested into term deposit)	\$813.42	\$1,234.65
	<b>Total</b>	<b>\$6,627.79</b>	<b>\$8,342.66</b>

<b><u>Expenditure:</u></b>	Supper items	\$1,627.83	\$1,058.86
	Rent - hall hire	\$330.00	\$330.00
	Transfer of money raised for Kids for Cancer	\$1,005.00	\$1,395.00
	Printing, postage, stationery, Subs, PL ins., Dept Fair Trading, PAI, Speaker, Website, Library etc.	\$3,011.95	\$2,537.30
		<b>Total</b>	<b>\$5,974.78</b>

<b><u>Income - Expenditure:</u></b>		<b>\$653.01</b>	<b>\$3,021.50</b>
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<b><u>Liabilities:</u></b>		\$ Nil	\$ Nil
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**Other assets:** Mineral trimmer    Library and shelving    Hot water urn  
UV lamp    George Smith books    Projector  
Microscope    UHF radios (2)    Display cabinets

The above statement indicates that the Society is in a sound financial position

The accounts have been examined and confirmed by Jim Sharpe.

Graham Ogle  
Treasurer  
3rd August, 2018

Society fixed assets such as the Library, shelving, cabinets, UV lamp, UHF radios and various other equipment had been listed but an estimate of their value in the face of needing to guestimate their gradual depreciation was felt to be unreliable by the Treasurer and he had not provided figures for the assets.

For the future Graham Ogle advised that the Society Committee was looking at a few items of further expenditure such as purchasing a new microscope, some other instruments, perhaps a micro-photographic system and would welcome suggestions for equipment purchases or for other utilization of funds from members.

At the conclusion of the Financial Report the Treasurer asked if there were any questions but none were made. The President asked that if members were satisfied with the Report they should vote to accept it since a copy had to be sent to the Department of Fair Trading within a month of the A.G.M. John Chapman proposed that the report be accepted. The proposal was seconded by Brian Holden with no dissensions.

## **ELECTION OF THE SOCIETY COMMITTEE FOR 2018 / 2019**

Dieter Mylius asked Gary Sutherland to assume the task of Returning Officer and to take the chair of the Meeting for the election of the 2018/2019 Society Office-Bearers and Committee members.

Gary Sutherland addressed the meeting on behalf of all the members to congratulate the Committee for their performance, the general meeting programs and events that had been organised throughout the year. He particularly mentioned the Christmas Social which he felt had been a great success again and he was looking forward to another good year coming up.

The Returning Officer reported that only single nominations had been put forward for the Committee positions and was therefore able to dispense with a ballot. He read out the names and positions of the nominated Committee members and declared them elected unopposed.

PRESIDENT:	Dieter Mylius
VICE-PRESIDENT:	John Chapman
SECRETARY:	George Laking
TREASURER:	Graham Ogle
COMMITTEE MEMBERS:	Peter Beddow
	David Colchester
	Geoff Parsons
	Simon Tanner
	Edward Zbik

The elected President re-assumed the chair of the meeting and thanked Gary Sutherland for his help with the election. Upon asking if there was any other business relevant to the A.G.M. and there being none, Dieter Mylius declared the 2018 Society Annual General Meeting proceedings concluded.

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In continuing the post-AGM evening program and as has become customary the President described the background to the Mayne-Walker Memorial Lecture. He then introduced the speaker for the evening, Professor Patrick De Decker and has provided the following text of his introduction.

### **‘The Mayne Walker Memorial Lecture**

Each year in August, after the AGM, the Society holds the Mayne Walker Memorial Lecture. It is the premier keynote presentation of the year, on a subject of mineralogical or geological interest.

For those that have not heard the stories before, the Mayne and Walker name comes from two extraordinary ladies. Firstly, Betty Mayne, was a member of the Mineralogical Society of NSW in the mid 1980's, and put together a fine mineral and geological collection. She became Secretary of the Society for 2 years and then served as President. Betty brought her considerable organisational skills, developed during her nursing career to the position, and during her presidency, organised and presided over the highly successful 1991 Joint Mineralogical Societies Annual Seminar.

Betty sadly passed away shortly after the seminar and in her will stipulated that her collection be sold by auction and the proceeds divided equally between the Mineralogical Society of NSW and the Friends of the Geological and Mining Museum.

The Mineralogical Society used the proceeds to set up a Bequest Fund which is kept in a separate term deposit. The interest is used to fund projects which the committee deems suitable. The Betty Mayne Memorial Lectures were established at the suggestion of the late Professor Laurie Lawrence and have been held every year since.

A few years ago the title of the lecture was extended to include Edna and Harold Walker. They were very different people to Betty. Edna and her brother Harold were constant attendees at our meetings up until the early 2000's. They did not drive and had poor health but they attended most meetings, many of the field trips and other events. They participated in everything and showed up everywhere. In Edna's will she bequeathed a substantial portion of her estate to the Society.

So it is fitting that we honour these members from years past by combining their names to headline the August address.

This year we are very fortunate in having Emeritus Professor Patrick De Deckker AM from the Australian National University as our speaker. If I were to read out his achievements, positions, fields of interest, list of publications and many awards, we would run out of time.

Patrick obtained an MSc in Geology and Micropalaeontology from Macquarie University, then went on to do a PhD in zoology at the University of Adelaide, working on salt lakes, Quaternary lacustrine deposits and their animal and plant life and later obtained a DSc from the Geology and Geophysics Department at the same university for his work in limnology (study of inland aquatic ecosystems), palaeolimnology and palaeoceanography.

For the last 30 years he has worked at the ANU, combining teaching with multidisciplinary research to obtain information of past marine and continental environments to help with our understanding of global and regional climatic variability.

More recent research includes working on understanding the nature of Australian dust and dust storms, and their impact on the environment and human health.

Amongst the many awards he has received are the Order of Australia Medal in 2007, for service to science through research and teaching in the areas of palaeoclimate studies, salination and climate change, the Mawson Medal in 2010 by the Australian Academy of Science for outstanding achievement in the Earth Sciences; he has been elected a Fellow of the Australian Academy of Science, and an Honorary Fellow of the Geological Society of London. Most recently he received the Officer of the Order of Leopold 11 of Belgium for his achievement in science, links with several Belgian academic institutions which go back a long way and involvement with the Belgian community in Canberra.

I would encourage you to google him when you get the chance, so you gain an understanding of his work and how far-reaching his research has been.

As to his interest in a map that was produced a little over 200 years ago, we will have to wait and see. Ladies and gentlemen, please welcome Professor Patrick de Deckker.'

## **'The First Geological Map of England and Wales'**

### **Professor Patrick de Dekker**

Commencing his lecture Professor De Decker explained that the history of the 'First Geological Map of England and Wales' is the story of the life and work of William 'Strata' Smith (1769-1839) who was born in Churchill in Oxfordshire in England. In his childhood Smith had developed an interest in rocks and particularly in fossils sometimes noticed in building stones used in the village. In displaying such an interest and being a quick learner Smith as a young man in 1787 started work as an assistant to a master land surveyor, Edward Webb, in nearby Gloucestershire. Fairly soon the work took him all over Britain. Surveying routes for canals was very important two hundred years ago because due to the development of the Industrial Revolution from 1760 and the increasing need to transport large amounts of heavy materials, notably coal and iron ore, barges travelling on water had become the only practical method and canals were being excavated all over England.

In the course of his surveying work which also involved visiting and examining coal mines and identifying sources of other materials significant at the time such as chalk and limestone William Smith eventually became a very competent geologist and particularly a stratigraphist. He had noted how the sequence

of strata layers in one location was repeated in another location many miles away notably recognizing the similarities of the strata by means of the fossils they contained. As an addition to his surveying work and his observations he built up a substantial sea urchin and fossil collection although later when his fortunes waned for a period he had to sell it.

In later years during his time working as a surveyor William Smith was often accompanied by his nephew, John Phillips, who also absorbed geological knowledge readily to become an eminent geologist in his own right and eventually Reader in Geology at Oxford University. Professor De Decker related about a visit he had made to Oxford University Geology Museum which had been built by John Phillips in 1859. Every corner in the museum featured the rock types from different parts of Britain and Ireland.

With the accumulation of his knowledge and observations of the sequences of strata in various locations in Britain, by the turn of the eighteenth century in 1799 William Smith was able to produce a very detailed map of Bath in south-west England. It was an area that he had become particularly familiar with due to a number of years in the late 1700s working on surveying the route and supervising the digging of the Somerset Coal Canal. Other maps were made in the intervening years up to 1815 when Smith published his major work, a 'Geological Map' of England, actually titled '*A Delineation of the Strata of England and Wales, with Part of Scotland*'.

This was a substantial, accurate and very detailed work in advance of any others produced up to that time. It comprised a total of fifteen large sheets drawn in great detail and colour to a scale of five miles to an inch. Gathering the information for the map had involved William Smith walking the length and breadth of Britain whilst carrying his measuring equipment and notebooks and according to his nephew, probably covering some ten thousand miles in one year.

1815 was also the time of the battle of Waterloo against the French under Napoleon and the expense of waging the Napoleonic campaigns had virtually bankrupted Britain. The Geological Map was not readily accepted by the geological community for many years and only sold about four hundred copies. Since Smith continued compiling and publishing other maps and becoming involved in unsuccessful surveying-related business ventures he became substantially in debt and spent some time in prison in 1819.

After his time in prison William Smith continued working as a surveyor and recognition for his eminence in the field of geology finally came in 1831 when he was commended by the Geological Society of London, was the first person to be awarded the Wollaston medal, the Society's highest award, and became known as 'The Father of English Geology'.

The lecture was extensively illustrated by projected images, many of the various maps that William Smith produced and which are now mostly in museums in Britain and elsewhere. Originals of some of the maps are now very valuable. At one point in his lecture Professor De Decker displayed a short video with commentary describing Smith's work and displaying locations where he had worked. A final image showed the unveiling of a plaque by Sir David Attenborough in March 2015 at a former residence of William Smith where he lived from 1804 to 1819 in London, as part of the 200th anniversary celebrations of Smith's '*Map that Changed the World*'.

William Smith's life story and particularly his producing his probably most notable work, the Geological Map, prompted a biographer, Simon Winchester, to write a very thorough biography of the geologist and surveyor titled '*The Map That changed the World*'. *The Tale of William Smith and the Birth of a Science*, published in 2001. The book has been described by some reviewers as 'A good read' and providing a thoroughly interesting story of one man's obsession and industry.

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## **FORTHCOMING EVENTS**

### **The PARRAMATTA & HOLROYD LAPIDARY CLUB'S 57<sup>th</sup> GEM, JEWELLERY & MINERAL SHOW EXHIBITION & SALE**

From Friday to Sunday 14th, 15th & 16th September 2018 in the clubrooms at  
73 Fullagar Rd, Wentworthville from 9am to 4pm each day.

**FEATURING** : Gem Faceting, Cabochon Cutting, Silvercrafts, Copper enamelling, Jewellery making,  
Rock and Mineral Specimens and Slabs, Club and Fossicking Information,  
BBQ & Refreshments, Raffle, Plants, Kids' Craft. Free Entry

Inquiries :- Website <http://www.parramattaholroydlapidaryclub.weebly.com>

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### **The CENTRAL COAST LAPIDARY CLUB INC. ANNUAL GEM FESTIVAL**

will be held in the Mingara Recreational Club, Mingara Drive, off Wyong Road, Tumbi Umbi, Central Coast over Saturday & Sunday the 13th and 14th of October, on Sat from 9am-5pm and Sunday from 9am to 4pm.

'Dealers from across the state will be attending selling everything from jewellery, gemstones, fossils, specimen stones and stones polished and rough. There will be displays of the club members' work and our own club tables selling Minerals and also a large table of beading.'

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### **The 2018 NORTHERN DISTRICTS LAPIDARY CLUB GEM SHOW – GEMS, JEWELLERY AND MINERALS EXHIBITION**

'Our Gem show and exhibition, lapidary competition and display, will be held from Friday 26th to Sunday 28th October at the Beecroft Community Centre, on the corner of Beecroft and Copeland Roads, Beecroft, Sydney.

The opening times are as follows:-

Friday 26th – 9am to 7pm; Saturday 27th – 9am to 5pm and Sunday 28th – 10am to 4pm

The Northern Districts Lapidary Club holds its Exhibition and sale of Gemstones and Rings, Faceted Gems, Pendants and Earrings which are handcrafted by club members. There will be something for the whole family with a fossicking fun area for children and demonstrations of craft working.

There will also be refreshments available as well as books and a range of plants.'

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### **GEMKHANA 2018**

'The Annual Gem & Mineral Show and Competition of lapidaries from all over NSW will be presented by the Gem and Lapidary Council of NSW Inc, at the Hawkesbury Showground, Racecourse Road at Clarendon outside Richmond over the Labour Day Weekend from Saturday 29th September to Monday 1st October.'

For further details email [gemkhana@gemlapidarycouncilnsw.org.au](mailto:gemkhana@gemlapidarycouncilnsw.org.au)

## **‘ROCK-ON’ - Broken Hill Gem and Mineral Show 2018**

The 2018 "Rock-On" Gem and Mineral Show will be held over the Labour Day long weekend from Friday the 28<sup>th</sup>, to Sunday the 30<sup>th</sup> of September from 11:00 am – 5:00 pm Friday, 9:00 am – 5:00 pm Saturday and 9:00 am – 2:00 pm Sunday in the Memorial Oval Showgrounds and the Adkins Pavilion in Broken Hill. Field Trips will be organised as part of the program and will be held on the Monday and Tuesday, 1<sup>st</sup> and 2<sup>nd</sup> of October. Visitors should allow two days to get to Broken Hill and return.

### Quoted from the Rock-On website

‘Traders can contact the club to reserve a site within the Pavilion. There will be ample room for outdoor trading sites available where you can camp on site and sell from the front of your caravan annex or tent. The show site will have all facilities including toilets, hot showers, limited powered sites and plenty of shade. The city of Broken Hill offers many other attractions that are worth a visit for anyone attending the show. Shopping includes four supermarkets, all major banks, Target and many other speciality stores in three different shopping areas. Fuel and car mechanical servicing are also available in Broken Hill.

The mineralogically diverse Willyama Complex also offers opportunities to go fossicking for minerals at various locations in the Broken Hill district. As a part of the Rock-On experience, the club will be organising tag-a-long field trips on both the Monday and Tuesday following the main show to mineral fossicking locations. Registration for the field trips requires attendance at the show on either Saturday or Sunday.’

<http://brokenhillmineralclub.wikispaces.com/Rock-On+Gem+and+Mineral+Show>

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## **THE ILLAWARRA LAPIDARY CLUB INC presents –**

### **The 2018 Jewellery Gems and Minerals Festival**

When: Sat 3 Nov 9am – 4pm and Sun 4 Nov, 9am to 3.00pm  
Where: Heining Hall, Ribbonwood Centre, 109 Princes Hwy, Dapto  
Entry: Adults \$3, children under 12 years free

Featuring: Gemstone Faceting, Cabochon Cutting, Silvercrafts, Jewellery Making and Valuations,  
Mineral Group displays, Club and Fossicking Information,  
Refreshments, Raffle, Lucky Door Prizes and Kid’s Games.  
Dealers Selling: Lapidary Supplies, Minerals, Jewellery, Crystals, Findings, Fossils, Beads and Opals.  
Enquiries: John (02) 42675618

<http://www.illawarralapidaryclub.com.au/> Or Like Us on Facebook

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## **GEMBOREE 2019**

The 55th National Gem & Mineral Show will be held at the Rockhampton Showgrounds,  
Rockhampton, QLD from 19<sup>th</sup> to the 22nd of April 2019.

‘Australia’s biggest Lapidary, Rock, Fossil, Mineral, Gem and Jewellery Competition and Trade Show. For the first time, the GEMBOREE in 2019 will include an international symposium sponsored by the Gemmological Association of Australia (GAA) and will include guest presenters and lectures. The aim of the

symposium is to attract more national and international visitors as well as provide an additional opportunity to learn more about minerals and gemmology, particularly those in the Central Queensland Region.

The GEMBOREE will give visitors the opportunity to visit the Sapphire Gemfields in the Central Highlands. They will be able to see operating sapphire mines, learn about fossicking and lapidary activities in the area. The site visit will also enable local gemstone retailers and supply businesses to showcase their products. Visitors can learn about end-to-end sapphire and other gemstone production for the area.

The GEMBOREE will attract competitors from all over Australia and Internationally and traders from all over Australia. Traders may sell only items related to lapidary. As well as the competition and trading there will be demonstrations and workshops of lapidary related skills.'

For full details and competition schedule, visit the Gemboree 2019 website at : - <http://aflaca.org.au/gemboree>

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