



THE
MINERALOGICAL SOCIETY
OF
NEW SOUTH WALES INC

C/o School of Natural Science
B.C.R.I. Parramatta Campus University of Western Sydney
Locked Bag 1797 Penrith South DC N.S.W. 1797
Website: www.minsocnsw.org.au

NEWSLETTER

SEPTEMBER 2014

The September Meeting will be held on Friday the 5th of September 2014 at 7.30 p.m. in the LZG14 lecture theatre on the ground floor of Building LZ in the Science campus of the University of Western Sydney on the corner of Victoria Road and James Ruse Drive in North Parramatta.

The September program will be an **Interactive Member's Forum** with members invited to present short or long talks on their favourite minerals, most memorable collecting sites, most enjoyable field trips etc or any stories which reflect their interest in mineralogy. Members are encouraged to bring in their favourite mineral specimen or specimens to display and if possible to say a few words about them.

Lin Sutherland will also provide a short presentation of some of the images that were shown during his lecture on **Indian Zeolites and Flood Plain Basalt Mineral Suites** at the August Meeting but which were not able to be displayed to their best due to a computer problem.

FORTHCOMING MEETINGS

Subject to circumstances some changes to the following schedule of program subjects and speakers may have to be made in due course.

- October 10th:
(Second Friday) Minitalk on :- **'The Mt Tennyson Mine field trip and minerals identified'**.
Lecture by Graham Ogle on :- **'Långban, Sweden – Rarity and Fluorescence'**.
- November 7th: Lecture by Brian England on :- **'Kulnura Zeolites'**.
Display of members specimens and discussion.
- December 5th: **Christmas Social.**

Society Meeting programs have been established for the first eight months of 2015.

- February 6th 2015: Lecture by Vera Munro-Smith on ‘**Cobalt Mines of the Cloncurry District**’
- March 6th 2015: Report on the **2015 Tucson Show**, speaker to be confirmed, and a lecture by Paul Carr on ‘**The Burning Question of Mt Wingen – When did the Fire Start?**’
- April 10th 2015: (The Meeting will be held on the second Friday. April 3rd is Good Friday).
Minitalk on : - ‘**Tenorite; Not pretty but interesting**’.
Lecture by Jeff Davis on ‘**Applications of Mineralogy in Forensic Science**’.
- May 1st 2015: Member’s Mini-Auction.
- June 12th 2015: Lecture by David Colchester and John Chapman on : -
(Second Friday) ‘**Mudgecite. Establishing a New Mineral.**’
- July 3rd 2015: Member’s Forum on ‘**Kingsgate Revisited**’. Overview of the history, geology and minerals. Member’s experiences, mineral display and discussion.
- August 7th 2015: A.G.M. and the Betty Mayne and Edna Walker Memorial Lecture to be given by Noel Kennon on : - ‘**The History of Broken Hill**’.

FIELD TRIP to Oberon and Wisemans Creek

There will be a **Field Trip** to the Apsley Mine, between Rockley and Bathurst, on Saturday the 13th of September and after an overnight stay in Oberon a visit to the Phoenix, Mabel and Lund Mines south of Wisemans Creek on Sunday 14th September. Some of the sites are 4WD-only accessible. Registration for the Trip and further details may be obtained from Edward Zbik on e-mail at etzed@optusnet.com.au or call (02) 9638 6586 until 10:00pm.

A notice from Ed Zbik requesting volunteers to help form a **Field Trip Sub-Committee**, a **Web Database Sub-Committee** and additional details about the forthcoming **Field Trip** will accompany this Newsletter. Details about the Field Trip are also in the Society Website.

WELCOME

Welcome to new members Sharon Marlow of Alfords Point
and Liz Gray of Maryong

THE ANNUAL GENERAL MEETING AUGUST 1st 2014

The 2014 A.G.M. was held in the LZG14 lecture room at U.W.S. North Parramatta as scheduled and attended by over forty members comprising a quorum. The Meeting was opened by the Society President, Dieter Mylius.

At the opening of the Meeting there were a few announcements. Graham Ogle reported that the next **Micro-Mineral Group meeting** would be at his residence at 1.00 p.m. a week on the following Saturday. The Group would be looking at minerals from Japan, Korea, Thailand and Vietnam.

Ed Zbik announced that the next **Field Trip** would be a two-day trip over the weekend of September 13th and 14th to the Oberon area to look at old copper mines.

Peter Beckwith reminded members about the sale of the **Neil Kinnane Collection** at the Stamford Hotel over the 8th and 9th of August and the forthcoming **Cumberland Show** at the Roselea Community Center over the 23rd and 24th of August. Details had been given in the previous Society Newsletter.

The President and Jim Sharpe reminded members about the program at the September Meeting which was to be an **Interactive Member's Forum** with members presenting short talks on their favourite minerals, collecting sites and any other mineral or collecting stories. A number of members had already offered to participate and others who might be able to were urged to contact Jim Sharpe.

With no further announcements the President moved to the official business of the Meeting. Initially he advised that the minutes of the previous A.G.M. of August 2013 had been provided in the previous year's September Newsletter but that copies were available at this Meeting if required. He also advised that the Society Constitution required a quorum of at least fifteen members to be present at an A.G.M. and clearly at this Meeting there was well in excess of that number.

The President then delivered his Report for 2013/2014. The following text of his report has been provided by Dieter Mylius.

Presidents Report 2013-2014

After a busy previous 12 months with the Mineralogical Society of NSW hosting the Combined Seminar, things have not really slowed down this year.

Our meetings have been very well attended, with overall membership fluctuating around the 130 mark, and a steady influx of new members.

Financially we are in very good shape, and I am sure our Treasurer Graham Ogle will expand on this in his financial report.

I'd like to thank all those members who have contributed to Friday nights, whether by giving a talk or mini talk, bringing in specimens for us all to see, and of course John, George, and all those who provide refreshments for us all to enjoy.

Over the last 12 months, we have enjoyed wonderful talks and evenings on a broad range of topics. At last year's AGM Ian Graham gave a interesting talk on the gold deposits of Woodlark Island in PNG, we learned more about tin deposits and specifically cassiterite from Pine Ridge in the New England, we had a fascinating talk by Peter Williams on Bronze Age Minerals and Metallurgy, two evenings on mines, minerals and mineral deposits in the UK, a lively account by George Stacey of his recollections of working at Mt Isa, we found out more about skarn deposits which led to a very successful field trip, we learned about the puzzling area of polymorphs, and explored how we can see tiny minerals.

In addition there was a very successful night on Fluorite where many of you contributed and brought in fabulous specimens to see. I think, those nights where we all participate are amongst the most enjoyable each year.

The May Auction again saw many specimens up for grabs, with nearly 90 mineral specimens finding new homes.

Last February we had our yearly sale of donated minerals to aid Kids for Cancer, with just under \$1700 going to the charity. A fabulous result.

The success of the talks program, sales and auction is largely due to the tireless work of Jim Sharpe, who seems to have already bedded in the program well into next year.

Christmas as usual was a great social event. I am not sure how minerals were sold, but it was certainly a case of standing room only. Thank you to all who contributed to the catering, setting up and bringing in specimens to exchange and sell, to make this a great night of food, fun and rocks.

If you haven't checked out our website recently, have a look. It is much cleaner and easier to navigate and a pleasure to use. There you have access to past newsletters which of course contain details of earlier talks.

This year saw a successful field trip by nearly 40 of us to Mount Tennyson and Cash Essington mines near Bathurst. This was especially sweet as the Society has been trying to access the Mt Tennyson site for many decades. I am sure you would all like to thank Ed Zbik and Peter Beddow for making this trip happen. And I know more trips are on the way.

The George Smith Book was finally published a little later than originally hoped, but nevertheless we got there. It was a small print run, but about half have been sold and it has been favourably received.

The Micro Mineral Group has a regular attendance of 6 to 10 people who meet in each other's homes. It is very ably convened by Graham Ogle and now meets monthly. It has set itself some tasks to give the group some direction. It is working on a report of the minerals of Woodlawn, and the zeolites of the Bunnan road cuttings, near Scone. It is also investigating, along with the committee, the acquisition of equipment that will allow members to photograph their tiny specimens.

It was also a great joy to announce a few months ago that Peter Williams be granted Life Membership of the Mineralogical Society of NSW.

As the Society enters its 40th year, there are some challenges and projects. We would love to see more new faces, especially younger ones that perhaps could become involved with the committee. We wish to set up a sub-committee to investigate and implement training and documentation that we hope will lead to increased permission to access mine sites. We are also investigating ways to provide better and more complete on-line access to information on NSW minerals and deposits.

I'd like to extend my thanks to the committee for their dedication and work during the last year. You will notice that the committee has not changed much over the years, and although all positions were filled, this year we go to the elections with one committee member taking a break. I'd also like to thank John Chapman, who is taking a break from the position of Vice-President, for his support and work over the years. There is always a place for new faces and ideas. So if you have ever wondered about serving, please consider how you could contribute to the running of the Society.

I must make a special mention about the glue that holds us together. George Laking, our secretary, our go-to man, the man with the answers. He does a tremendous amount of work in the background but you can all see the results – the newsletter, the attendance book, membership lists, deals with correspondence, name tags, mailing out George Smith books, keeping an eye on our constitution, and making sure there are always casks of red and white at the back.

As always, I'm sure we would also all like to thank Peter Williams and the University of Western Sydney, for the use of this room, which has been our home for many years, all at no cost to the Society.

Finally, thank you all, as members and visitors, for supporting the Society by being here each month. It's what makes our Society so successful. Thank you all. I wish the incoming committee a successful year ahead.

Dieter Mylius
August 2014

At the conclusion of the President's Report the Society Treasurer, Graham Ogle, handed around copies of the Annual Financial Report which also provided figures for the previous financial year. The Treasurer then described the figures comparing some to the previous year and otherwise explaining aspects of many of them as he proceeded. Notably the Society total funds had increased substantially due to having received the Edna Walker bequest.

The increase in funds of only \$45,550.61 in spite of there being the bequest of \$54,654.87 reflected that there had been some expenses left over from the Seminar in June 2013 and also there had been the cost of printing the George Smith book earlier this year. Sales of the book were going well with about half sold so far. The Society was in good financial shape and had finished the year well in the black, the figures to June 30th last showing a comfortable surplus.

The Treasurer finally thanked Jim Sharpe for having scrutinized the Financial Report.

ANNUAL REPORT 2013 – 2014

FINANCIAL STATEMENT

Funds in hand:

	<u>2013 - 2014</u>	<u>(2012 - 2013)</u>
1. Balance in Operating account CBA # 06 2016 28023647 @ 30th June 2013	\$63,415.77	(\$17,865.16)
2. Funds in CBA Term Deposit	\$31,966.32	(\$31,966.32)
3. Cash in Hand	\$46.00	(\$46.00)
4. Total Funds at 30th June, 2013	\$95,428.09	(\$49,877.48)

(Second Term Deposit created 2nd July 2014 with the \$54,654.87 of the Walker Bequest)

<u>Increase in funds</u>	\$45,550.61	(\$9,127.43)
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Income

Subscriptions	\$2,955.00	(\$2,925.00)
Supper donations and mineral sales	\$1,355.05	(\$1,300.60)
Sale for Kids with Cancer	\$1,833.30	(\$1,052.05)
George Smith book sales	\$3,924.90	(\$0)
Interest on operating account	\$116.63	(\$45.70)
Interest on term deposit	\$1,342.59	(\$1,923.23)
Walker Bequest	\$54,654.87	(\$0)

<u>Total</u>	\$66,182.54	\$14,716.58
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<u>Expenditure</u>		
Supper items	\$1,429.99	(\$1,471.00)
Personal accident insurance	\$418.84	(\$504.00)
Subscriptions to mineralogical magazines and associations, internet	\$899.88	(\$193.75)
Transfer of money raised for Kids with Cancer	\$2,056.30	(\$929.05)
Printing etc	\$672.62	(\$503.77)
George Smith book	\$6,800.00	(\$600)
Seminar	\$7,583.40	(\$750)
Other - PL ins./ Dept Fair Trading reg./ Speaker travel etc	\$770.90	(\$637.58)
	<u>Total</u>	\$20,631.93
		(\$5,589.15)
<u>Income – Expenditure</u>	\$45,550.61	(\$9,127.43)
<u>Liabilities</u>	\$0	(\$7,583)

Other Assets

Estimated value based on 10% depreciation pa.

Mineral trimmer	\$29
Display cabinets	\$203
Library	\$900
Microscope	\$96
George Smith books	\$3,000
<u>Total fixed assets</u>	<u>\$4,228</u>

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

1st August, 2014

After the presentation and description of the Annual Financial Report the President asked if there were any questions and with no other queries being made Graham Delaforce proposed that the Report be accepted. The motion was seconded by John Chapman with all in favour.

ELECTION OF THE SOCIETY COMMITTEE FOR 2014 / 2015

Dieter Mylius asked Arthur Roffey OAM to assume the task of Returning Officer and to take the chair of the Meeting for the election of the 2014/2015 Society Office-Bearers and Committee members.

The Returning Officer initially addressed the Meeting to thank the outgoing Committee for their work over the previous year and particularly commended Gary Sutherland who was dropping out of the Committee after very many years' service.

The Returning Officer noted that only single nominations had been put forward for the Committee positions and accordingly was 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:	Jim Sharpe
SECRETARY:	George Laking
TREASURER:	Graham Ogle
COMMITTEE MEMBERS:	Peter Beddow
	John Chapman
	David Colchester
	John Rankin
	Edward Zbik

Arthur Roffey then handed the chair back to the elected Society President, Dieter Mylius, who upon asking if there was any further business for the A.G.M. and there being none declared the official proceedings closed.

After a short break the President continued with the evening's program and as had become customary first explained the background to holding the Betty Mayne Memorial Lectures. Betty Mayne had been elected President of the Society in 1990 and brought her considerable organizational skills developed during her nursing career to the position. During her presidency she presided over the very successful Joint Mineralogical Societies Annual Seminar held in Sydney in 1991. Sadly Betty passed away suddenly a short time after the Seminar.

Her will stipulated that her collection should be sold by auction and the proceeds divided equally between the Mineralogical Society and the Friends of the Geological and Mining Museum. The Society decided that the capital from the bequest should be kept in a term deposit accruing interest which would be used to fund projects. The Betty Mayne Memorial Lectures were established at the suggestion of the late Professor Laurie Lawrence with prominent people in the area of mineralogy being invited to deliver them and have been held every year since. Due to the recent bequest to the Society from the Edna Walker estate the name of the Memorial Lecture has been changed in joint honour of both benefactors.

This year's **Betty Mayne and Edna Walker Memorial Lecture** would be given by Society Life Member Lin Sutherland.

**Zeolites from India and other Delectable, (Collectable),
Flood Plain Basalt Mineral Suites
Lin Sutherland**

Lin Sutherland had prepared a computer file of a large number of informative and colourful images of his subject but unfortunately it was found at the beginning of the Meeting that the computer in the RG14 lecture theatre which ran the screen projection system was missing, apparently removed for repairs. Whilst an alternative projection method was temporarily devised it did not provide full illumination of the images many of which were quite dark.

The speaker however commendably and cheerfully proceeded with his lecture comparing the present projection set-back with two previous occasions which he had observed. One was a lecture given by Ray Binns on his undersea mineral research to a meeting of the Society in the Earth Exchange many years ago when there was a power failure just as the first slides were being shown. This did not deter Ray Binns who soldiered on in the dark and delivered his scheduled lecture. The other occasion was a Royal Society of New South Wales presidential talk given by Peter Williams at a venue in the central city when the projector failed. At that time a temporary projection method was also set up using an overhead projector, the slides being placed on the illuminated platform. Unfortunately what the audience were only able to see was a series of very small postage-stamp-sized images in the corner of the projection screen.

This however was another example of soldiering on and Lin Sutherland announced that he felt both very fortunate this evening to have been invited to give the Betty Mayne and Edna Walker Memorial Lecture and also in view of the projection problem that he was in good company.

With the aid of the first of his images Lin Sutherland described a little more about Betty Mayne, her bequest and the background to the memorial lectures. Betty had become interested in the earth sciences after some overseas travelling upon her retirement and initially joined first the Friends of the Geological and Mining Museum, (FOGAMM), later re-named the Earth Exchange Society, (TEEMS), and then the Mineralogical Society by the late 1980s becoming Secretary and then President. She organised and ran the 1991 Mineralogical Seminar held in Sydney that year at the Earth Exchange, unexpectedly passing away only about a month afterwards. But she left a lasting legacy having provided in her will that her mineral and gemstone collection be sold and the proceeds divided equally between the two societies with which she had been so involved.

The Earth Exchange was closed in 1995 which among other arrangements saw the Albert Chapman Collection transferred to the Australian Museum where it may be viewed in its entirety today. The Earth Exchange Museum Society disbanded and their bequest fund was transferred to the Linnean Society of NSW which enabled that society to establish the Betty Mayne Scientific Research Fund for Earth Sciences. [Website :- http://linneansocietynsw.org.au/Mayne_Fund/Mayne_Fund.html]

The Australian Museum has also benefited from the Mineralogical Society's Betty Mayne bequest. In 1994 the Society bought a large specimen of pyrochlore to present to the Museum. The specimen is up to 24 cm across with large red-brown crystals and is on permanent display. More recently the Society has sponsored the purchase for the Museum of a large, 11 cm, azurite 'sun' or discoidal specimen from the Malbunka copper deposit near Areyonga in the Northern Territory. The deposit is currently being mined for specimens by Society member Dehne McLaughlin who has sent reports about this work to the Society (*The MCM Project NT. Mining Newsletters 1-5 2014. Azurite suns*).

Moving on to speak about his scheduled subject Lin Sutherland described zeolites as basically aluminium silicate minerals displaying 'cage' or channel internal molecular structure. The internal cavities would usually hold water but can also readily hold and bond alkali or alkaline earth cations and other molecules. Since the minerals can readily be induced to expel the absorbed cations or other molecules and possibly selectively they are very useful for chemical filtration or purification purposes. About eighty natural minerals classed as zeolites are known. Most are within the monoclinic crystal system, others orthorhombic or trigonal. Since many of them form bright and sharp crystals or crystal groups they are popular in mineral collections.

A number of views were shown of specimens which the speaker photographed on the occasion of his first visit to the Tucson Show in 1976 when Indian zeolites were beginning to come on to the market. Indian material at that time commanded fairly high prices in spite of which the speaker purchased a few. One specimen acquired at that time and shown to the Meeting was of a 'Pet Rock, (actually of okenite).

Also referring to his early years of visiting Tucson Lin Sutherland described his difficulty in taking a selection of Broken Hill minerals to Tucson to illustrate his giving a talk. One of the specimens was so fragile that he had to carry it in the plane on his lap during the flight and then make arrangements for it to be held safely by the University of Hawaii whilst he went on a trip to view the volcano.

The speaker continued to show a number of images of various zeolite specimens, some of the more spectacular being in the Albert Chapman Collection. Most zeolites whilst bright would be colourless but green apophyllite from India is not uncommon, the green being due to the presence of vanadium. A number of other minerals are often found in association with zeolites and members would be familiar with the presence of prehnite along with zeolites from Prospect Quarry in Sydney. Another associated mineral found with the zeolites from India is the bright blue cavansite and its dimorph pentagonite, both being calcium vanadium silicates but with differing crystal structures and the speaker was able to show an image with both minerals on the same specimen. Fluorite is commonly found associated with zeolites and the speaker showed a number of images of various specimens, some strongly coloured orange and red and noted that a bright red colour in one specimen was due to the presence of haematite inclusions.

The reason for the large number of zeolites coming from India reflects the large area of the country which was covered with a series of basalt flows. Some 66 million years ago India was situated above a 'hot spot' or plume of upwelling magma which delivered a large area and great depth, up to two kilometers thick, of 'flood' basalt flows. India gradually moved away from the hotspot to push up against the Himalayas and the hot spot is now under the island of Réunion in the southern Indian Ocean. The basalt originally may have covered about half of India but after erosion now comprises the south-central Deccan plateau in a series of 'traps' (from the Swedish word for stairs), or steps reflecting the series of basalt flows. The basalt would have contained an amount of water initially at a high temperature and as it cooled cavities would have become established and then zeolite and associated minerals, the depth, temperature and pressure influencing which particular zeolites or groups of zeolites would form.

Lin Sutherland next described the wide occurrence of flood basalts around the World most of which have been the source of various zeolites. One very large area had originally been the basalts now seen in the Karoo of southern Africa which were part of a flood basalt province which originally stretched right across Antarctica and even into Tasmania when these land masses were closer together. They are of Jurassic Age, about 180 million years old. The largest flood basalt flood area of all was formed over Siberia about 250 million years ago or of Permian–Triassic age. This period co-incided with a large life extinction event all over the Earth with about 90% of species alive at that time disappearing.

Flood basalt areas do not need to be on land and another area almost entirely under water is the Ontong Java Plateau in the Pacific Ocean to the northeast of New Guinea and the Solomon Islands. Another area is the Columbia River basalts in north-west America which were formed from about 17 million years ago. This also resulted by outpouring from a hotspot which due to the movement of the North American tectonic plate is now under the Yellowstone National Park.

Finally the speaker showed a series of images of zeolites from various flood basalt sources noting that such minerals should be fairly readily available given the number of flood basalt provinces around the World. He even speculated that there should be zeolites on other planets in the Solar system, notably the Moon and Mars, where there are certainly extensive areas of flood basalts.

In conclusion Lin Sutherland paid tribute to a number of people whom he had listed that had helped him prepare the lecture, notably the Australian Museum photographers, and finished with views of several familiar people posing in the door of the Tucson Hotel and of a huge amethyst geode.

FORTHCOMING EVENTS

ANNUAL SEMINAR OF THE JOINT MINERALOGICAL SOCIETIES OF AUSTRALASIA

The 37th Combined Mineralogical Societies of Australasia **Mineralogical Seminar** this year is being held in New Zealand over the 31st of October and 1st of November 2014 at the Te Rau Aroha complex, 48 Seaforth Road in Waihi Beach, east of Waihi, North Island. The Seminar is being presented by the New Zealand Micro Mineral Group and will be held in conjunction with and immediately after the N.Z. 32nd Micro-Mineral Symposium which is being held at the same venue over the 24th to 28th of October 2014. The Seminar is the main annual meeting for amateurs and professionals interested in minerals and is rotated annually around Australia with a meeting every 7th year in NZ.

The Seminar theme is **'Born of Fire. Minerals of Volcanic and Geothermal Processes'** and the program will comprise 1½ days of mineral presentations and a ½ day of mineral sales. There will also be a Seminar dinner at the Waihi Beach RSA. Cost is NZ\$80 for the Seminar and NZ\$30 for the dinner.

Information may be obtained from Rod Martin on 021 205 2141, home phone (09) 4445 463 or e-mail : - nzsailor@xtra.co.nz

For tourist information and accommodation inquiries : -

Contact information for **Te Rau Aroha** Complex :Camp manager Ph: (07) 863-5834,

Or **Go Waihi** - Ph 07 863 3030 or Internet <http://www.waihi.org.nz/>

GEMKHANA 2014 A WORLD OF GEMS

The Annual Gem & Mineral Show and Competition of Lapidaries from all over NSW.

Presented by the Gem & Lapidary Council of NSW Inc.

To be held in the Goulburn Showground-Recreation Area, Braidwood Road, Goulburn, NSW 2580
over the Labour Day Weekend of Saturday to Monday, October 4th to 6th.

From 10.00 am to 5.00 pm Saturday & Sunday, 9.00 am to 12 noon on Monday.

Displays and Demonstrations of Jewellery, Gem Faceting, Gemstones and Gem Identification.

Sales by local and interstate gem, jewellery, mineral dealers and tailgate vendors of minerals,
crystals, fossils, gold, silver, mountings, faceted gems, beads, finished jewellery, jade,
gift items, tools, lapidary and jewellery supplies and equipment.

Raffle, Children's Activities, Attractions for everyone of all ages, Refreshments, Plenty of parking.

Admission: Adults \$3.00, Children \$1, Families \$8.

Contacts for inquiries: - Marilyn or John Behrens on (02) 9635 8218 or Arthur Roffey on 02 4572 5812.

The NORTHERN DISTRICTS LAPIDARY CLUB GEM SHOW

A Gems, Jewellery and Minerals Exhibition at the Beecroft Community Centre, Beecroft Road, Beecroft.

From Friday 24th of October, 9am – 9pm, Saturday 25th October 9am – 5pm to
Sunday 26th October, 10am – 4pm. Admission: Adults \$4, Children \$1 Family \$8

**THE PARRAMATTA and HOLROYD LAPIDARY CLUB
ANNUAL EXHIBITION**

To be held over Friday, Saturday & Sunday the 7th to 9th of November 2014.
From 9.00 a.m. to 4.00 p.m. each day. At the Clubrooms at 73 Fullagar Road, Wentworthville.

Competition, demonstrations of Club activities, rocks & mineral for sale, member's work for sale,
demonstrations, children's activities, sand sieving, fossicking heap, refreshments.

Wheelchair access and plenty of parking

Contacts: Ray 02 9863 1273, John 02 9635 8218

WINDSOR JEWELLERY, BEADING, GEM & MINERAL SHOW

Saturday & Sunday, November 22nd & 23rd 2014

In the Windsor Function Centre on the corner of Dight & Macquarie Streets, Windsor.

Saturday open from 9.30 a.m. to 5.00 p.m. & Sunday from 9.30 a.m. to 4.00 p.m.

Admission \$5, children \$1. Light refreshments.

SALES of jewellery, gemstones, beads, opals, mineral specimens from all over the world,
tools and equipment for lapidary and beading work, metaphysical and healing crystals.

Inquiries to Peter Beckwith on 0412 333 150.

GEMBOREE 2015 HORSHAM, VICTORIA

AUSTRALIA'S 51st NATIONAL GEM, LAPIDARY, JEWELLERY AND MINERAL SHOW.

GEMBOREE 2015 is to be held in the Wimmera Events Centre on Longerenong Road,
Dooen, via Horsham over Easter, the 3rd to 6th of April 2015.

Presented by the Australian Federation of Lapidary & Allied Crafts Associations Inc. (AFLACA).
