

# NEWSLETTER

## IN THIS ISSUE

- Editorial 2
- Committee 2
- President's Report 3
- Treasurer's Report 7
- Yinnetharra Field Trip 8
- Mineral News 13
- Quiz Night 18
- Members & meetings 19
- Save the date 19

To encourage mineralogical study by amateur and professional alike and, in so doing, discover, document and preserve the Earth's and in particular Western Australia's natural history.



**Mineralogical Society of Western Australia Inc.**



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## EDITORIAL

The PGMS Committee is working feverishly towards the **2023 Perth Gem and Mineral Show** taking place from **27th to 29th October** at the **Perth Convention and Exhibition Centre**. Special thanks to this year's sponsors.

The topic of the 2023 PGMS is **Mega Minerals**. Spectacular mineral collections will be on display as well as specimens for sale and interactive events for all ages. It's going to be bigger and better than ever!

MinSocWA would like to see as many members attending as possible. Please book your tickets in advance to avoid missing out.

See <https://www.perthgemmineralshow.com/>



### MINSOCWA NEW COMMITTEE 2023-24

President	Peter Willems	president@minsocwa.org.au
Vice President	James Sherborne	jamessherborne@hotmail.com
Secretary	Angela Riganti	secretary@minsocwa.org.au
Treasurer	John Mill	treasurer@minsocwa.org.au
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Committee Member	Wendy Hampton	wham007@rocketmail.com
Committee Member	Nicolas Hébert	aminenh3@gmail.com
Committee Member	Susan Stocklmayer	baobab46@dodo.com.au

**Patron: Mark Creasy**

**AZURE** MINERALS LTD. Presents the 2023 **PGMS** Perth Gem & Mineral Show. New bigger location! PERTH CONVENTION AND EXHIBITION CENTRE. Proudly presented by the Mineralogical Society of Western Australia. **27 - 29 OCTOBER**. Discover WA's largest gem and mineral show for its third year running! World-class mineral specimens, faceted stones, fossils & jewellery. Interactive geoscience exhibitions & seminars. **TICKETS ON SALE NOW**. perthgemmineralshow.com

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# President's Report for the period September 2022 to September 2023

*Presented on 13th September 2023, at the MinSocWA AGM*



Thank you for attending our 23rd Annual General Meeting.

As with previous years it has certainly been a busy year but, before I present my report I'd like to thank everyone who has participated in our activities in the past 12 months thereby actively supporting our Society and making our efforts worthwhile.

Special thanks go to the committee members without whom the Society will come to an abrupt halt. In particular, Angela Riganti, for her enormous effort as our secretary. She is the glue that keeps everything together. And Frank Doedens, who has coordinated two very successful field trips this year and John Mill who keeps our finances in order. I take this opportunity to thank our patron, Mark Creasy, for his continued support of our society.

## **PGMS**

Undoubtedly, the Perth Gem and Mineral Show (PGMS) held in mid-October 2022 has been the highlight for the society, rewarding us with a profit of over \$14,000. Once again, a big thank you to Mark Creasy for his unwavering support of this event both financially and with exhibits, as well as to other sponsors, volunteers and to participants.

PGMS is now a recognised event of world scale with vendors and exhibitors from overseas as well as from all Australian States. We had more than 6000 visitors to the show last October, all of whom enjoyed interactions between exhibitors and visitors of all ages, interesting mineral talks, kids' activities, display cabinets with historical items important to mineralogy. The Charity Rocks auction was again very successful, raising \$18,050 for worthwhile causes, including supporting MinSocWA itself. All this required a lot of hard work behind the scenes and excellent support from our sponsors. I'd like to congratulate the PGMS committee on their achievements.

## **Meetings and Excursions**

During the last year our regular bi-monthly talks and activities for our members, including field trips, provided a full calendar with the talks covering a variety of topics. We extend our thanks to the volunteer speakers, those who compiled reports, and to our Newsletter Editor, Wendy Beets, who assembled them all in our quarterly Newsletters. As well as to Niels Dahl who has coordinated the refreshments for the evening meetings.

**September 2022.** The first of the bimonthly talks following the AGM was presented by John Vinar of Barking Outback Pty Ltd, former manager of the gold mine that was the subject of his talk entitled "On the hunt for specimen stone, Beta Hunt Mine, Kambalda". The gold specimens discovered from this mine in 2018, provided a bonanza.

**October 2022.** In addition to the second PGMS, the 44th Joint Seminar of the Mineralogical Societies of Australia was held on 29-30 October in New Zealand with "Zeolites" as the theme and was available as an online event for our members.

**November 2022.** MinSocWA member Francine Payette presented the talk "New Zealand - the place where greenstone grows".

## President's Report cont.

We then had the Karratha field trip between 26-27 November 2022, where we visited Anax Minerals' Whim Creek Project, and Azure Minerals' Andover Project.



**December 2022.** MinSocWA members were invited by the GAA to share a Christmas function at the Mount Lawley Golf Club.

**January 2023.** We held a book auction of surplus literature from our library, followed by an open discussion on the topic of finding the most suitable WA mineral to be our a State emblem.

**February 2023.** Former President, Sue Koepke, presented tips and tricks on "What to look out for in the mineral and fossil market ". This was a particularly well-attended meeting as the subject is of concern for all collectors. However, there were also some good news stories amongst the duds and fakes.

**March 2023.** A talk on the subject of diamonds featured two speakers: Tim Ivanic, from GSWA, discussed the geological background and John Chapman, private consultant, examined the physics and causes of the colours of diamonds.

**April 2023.** A field trip to Mineral Resources' Koolyanobbing Site, and Minjar Gold's Marvel Loch Hub (21st-23rd April) took place.

**May 2023.** A well-illustrated talk titled "France's fluorites" was presented by Aubin Cosson and featured occurrences of fluorite from St Jacques d'Ambur, Auvergne Massif in Central France. We hope Nic Hebert, who coordinated this talk, has many more friends to share their mineralogical adventures with us!

**June 2023.** The Quiz Night – an excellent evening at The Herdsman Lake Tavern, with teams made up of members and friends from both the MinSoc and GAA. Our thanks go to Craig Bosel and Kylie Matonia for preparing the quizzes and arranging the evening, and to Ruth and her sister for scoring and adjudging the team's efforts.

**July 2023.** Three mini talks were featured: Sarah Gain talked about the zircons from Mud Tank in the Northern Territory; Susan Stocklmayer on Sandawana emeralds in Zimbabwe, and Niels Dahl on the rare mineral, tugtupite, from the Ilimaussaq Complex of SW Greenland.

**August 2023.** A week-long field trip to Yinnietharra was the last activity before this AGM, and by all accounts was a very successful one.

All three field excursions were very much enjoyed by our members. A big Thank You to all organisers, in particular Field Trip Coordinator Frank Doedens and others who assisted with preparations.

Tonight, we are featuring a geological talk on Whim Creek by MinSoc members Wendy Beets and Manfred Mertinat, with specimens brought along by those who attended last years' field trip available for viewing.



## President's Report cont.



### Simpson Project

Work on the collaborative Simpson Project continues under the stewardship of Angela Riganti, and Vernon and Susan Stocklmayer, with 105 minerals currently written up by 9 members as first drafts. These now require editing. New species are regularly added to the WA mineral list and the total is now 409. At the start of the project that total was approximately 300!

To acknowledge the efforts of contributing members and the many hours of work involved, the working group is currently assessing the feasibility of how to present the work so far, and it is hoped a decision will be reached soon.

### Meeting Structure

The changes to our modus operandi which were introduced in 2021 continue to work well. Members and visitors can come an hour before the talks, show and discuss their minerals and enjoy a social get-together. We have also dropped any attendance fees for both members and visitors to our General Meetings. Our bank account is in very good shape, but more about that from John Mill.

The cancelled formal business at general meetings before our talks have not been missed. However, any important announcements are discussed from time to time, so our members can be up to date with some decisions and progress in our Society.

The virtual delivery of our talks still has a few hiccups, but they have in general been successful, and have allowed members to join in remotely. The Lapidary Club projection setup has been financed recently through a grant, and developmental changes will go ahead imminently.

### Other News

The communications with our members through our quarterly Newsletter and the monthly Bulletin also seem to work well. The Newsletter focuses on past events, the Bulletin on upcoming ones.

Thank you to all who have contributed reports, write-ups of talks, articles, snippets of information, and of course a special thank you to our editors, Angela Riganti for the Bulletins and Wendy Beets for the Newsletters – news articles are always welcome.

We have reduced the number of mineral markets, as PGMS takes up a lot of time and provides access to a wider audience. If members feel a mini-market should be organised through the year, please volunteer to coordinate it.

Don't forget we have a library. We now subscribe to Australian Journal of Mineralogy, Rocks & Minerals and the Mineralogical Record, and these magazines and our books are available on loan from our library through our Librarian, John Mill. The Mineralogical Record is also made available digitally via our subscription.

Des Lascelles very generously donated his rock and mineral collection to MinSocWA upon his passing over a year ago. Clive Daw, another long-time member, has also donated his sizable ore and rock collection to our Society. Both collections are in storage at Mark Creasy's farm and await assessment and decisions in regard to their uses. Des' collection has already contributed to funds raised at PGMS auctions.

## President's Report cont.



We acquired a Wild TM binocular microscope with twin heads so that two people can view an object simultaneously. We hope the microscope will be put to good educational use at the PGMS for showing mineral specimens to children in particular, and to other interested visitors to the MinSoc booth.

While on the subject of the microscope, we have an overdue apology to extend to Sue Koepke. In December 2021, MinSocWA emailed out a timeline involving Sue, including incorrectly stating that she was not contactable for an extended period of time while we were looking at purchasing another microscope. On further review of the situation, we have found that Sue was in fact in regular contact with the committee. Sue should never have been involved in this timeline and, on behalf of MinSocWA, I extend my sincere apologies for causing her grievance and potentially damaging her reputation.

From a strategic perspective, James Sherborne is investigating the possibility of acquiring DGR (or deductible gift recipient) status for the Society. This would allow anyone to make tax-deductible donations to MinSocWA – this is with a (very!) long term view of generating enough funds to one day have our own venue. This is a very exciting possibility, but will require many, many, many years of hard work to get there, and the members' support will be an indispensable component of it.

During the 2022/23 financial year, our membership has been steady at just under 100. Some renewals for this year are still trickling in, and our current membership stands at 74.

Don't forget all committee members can be contacted, and committee meetings are open to any member who may wish to present a special request. Contact details are given in both the monthly Bulletin and the Quarterly newsletter.

### Summary

As mentioned at the beginning, we have had a busy year. With our growing Society, it is important that we keep offering an engaging program of talks and activities which I feel we have done in this reporting year. I call on every member to provide suggestions for speakers and events (a sheet is available), but especially to volunteer their support and contributions to the running of the Society (there are many things you can do!) – this will make the work of our volunteer committee a little easier.

Again, I thank our committee and subcommittees for their dedication and great work in getting the Mineralogical Society of Western Australia working smoothly and in getting it to where we are today, known world-wide.

### Peter Willems

*President Mineralogical Society WA, Australia, 2022-23*

*Thanks to LabWest for their UltraFine+ Wine donated for the enjoyment of members at the AGM*





# Treasurer's Report FY 2023



Mineralogical Society of Western Australia Inc. Income and Expenditure Statement 2022-2023		
<b>Opening Balance at 1/7/2022</b>		<b>\$65,924.39</b>
<b>Plus Income</b>		
	Auction Takings	\$447.22
	Donations	\$89.98
	Excursion Fees	\$2,100.00
	Membership Fees	\$2,722.34
	Sale Day Table Takings	\$100.00
	PGMS Income	\$91,585.86
	<b>Total Income</b>	<b>\$97,045.40</b>
<b>Less Expenditure</b>		
	Bank Fees	\$31.24
	Capital Purchase	\$5,501.10
	Catering	\$262.60
	Field trip/quiz night expenses	\$3,135.81
	Gifts	\$119.00
	Hall Hire	\$865.00
	Insurance	\$4,479.27
	Printing/Postage	\$36.80
	Signage	\$638.00
	Subscriptions	\$741.19
	Term Deposits	\$55,000.00
	PGMS Expenditure	\$81,915.17
	<b>Total Expenditure</b>	<b>\$152,725.18</b>
<b>Closing Balance at 30/6/2023</b>		<b>\$10,244.61</b>

Assets and Liabilities at 30/6/2023		
<b>Assets</b>		
	Cash on Hand	\$10,244.61
	Term Deposit at CBA Bank (Matures 13/7/2023)	\$10,000.00
	Term Deposit at CBA Bank (Matures 13/1/2024)	\$45,000.00
	Capital Items	\$28,560.16
<b>Liabilities</b>		
	Nil	
<b>Total Assets</b>		<b>\$93,804.77</b>

2022 PGMS I and E Summary		
<b>Income</b>		
	2021-2022 Financial Year	\$9,025.00
	2022-2023 Financial Year	\$85,570.86
	<b>Total Income</b>	<b>\$94,595.86</b>
<b>Expenditure</b>		
	2021-2022 Financial Year	\$0.00
	2022-2023 Financial Year	\$81,915.17
	<b>Total Expenditure</b>	<b>\$81,915.17</b>
<b>2022 PGMS Profit</b>		<b>\$12,680.69</b>

# Yinnetharra Field Trip, August 2023

*Compiled by Frank Doedens, Field Trip Coordinator*



Over two days from 31st July to 1st August a group of 12 MinSocWA members arrived at Yinnetharra Station in anticipation of some serious fossicking in the next three days.

The Station managers, Matt and Linda Wright, thoughtfully suggested that we set up our camping gear alongside scenic Yinnetharra Pool on the Gascoyne River a few kilometres from the homestead.



*Camp at Yinnetharra Pool*



*Getting started*



## Field Trip cont.

On Wednesday morning, the group set off in search of the TomKap Black Dravite pit. The pit was 3 to 4 metres deep, and the surrounding dumps and spread out crushed material provided plenty of opportunities for collecting black dravite as singly terminated crystals and clusters, as well as a few doubly terminated crystals up to fist size, and occasional books of mica.



*Black Dravite Pit*

The surprise finds of the morning came close to lunchtime with a few members discovering large green/yellow beryl crystals in a pegmatite in the centre of the pit. Rob Walker extracted the largest crystal the size of a head with a fractured termination. Unfortunately, one of our group did fall heavily onto some sharp rocks on the dump and was treated by our stalwart First Aid officer Tom Bateman, a reminder of the need for caution when fossicking.



*Beryl from TomKap Black Dravite Pit*



## Field Trip cont.

Lunch was in a shaded area next to Morrissey Creek, which was being upgraded for a drill programme by one of the many companies now actively exploring for lithium-bearing pegmatites in the area.



Following the break, the next stop was at the TomKap Brown Dravite pit. Here everyone was soon uncovering good euhedral crystals, mostly as loose crystals but with some in matrix or as a number of smaller crystals in matrix. The best and most complete single crystals were uncovered next to the parked vehicles! Two members were lucky enough to find some aqua-coloured apatite with the largest specimen having many crystal faces.



*Brown Dravite Pit*



*Brown dravite in mica*



## Field Trip cont.



On Wednesday night, rain accompanied by a strong wind kept us worrying about losing tents or being confined to camp. The following morning the ground was wet but would dry out relatively quickly in the warm conditions. Matt closed all roads until lunchtime, so we were confined to camp and caught up with a show and tell of the finds from Wednesday and general socialising.

Early in the afternoon, we went in search of the April Pegmatite which is mentioned in the book on Pegmatites in WA as having gem quality green tourmalines. The track into the area had a number of sandy river crossings and was rutted in places so progress was slow and when we were 7.5 km north of the GPS coordinate given in the book, it was obvious that the only way to get there was a long trek through a number of creeks as there weren't any tracks to be found.

We decided to stop at Nandoo Well nearby where almandine garnets, to about 1.5cm in size within schist and as loose crystals, were plentiful. There had also been staurolite crystals found in this area, however none were found on this occasion. We headed back to camp after an hour or two as the trip in had been slow and, as a precaution, a similar amount of time was given to get back to camp.



*Relaxing back in camp*

On Friday morning, a few of the group left and those remaining went off to the east of our campsite to Camel Hills. Here there were pegmatites where gem beryl had been picked up in the past.

We soon found a few different pegmatites that had black dravite crystals of smaller sizes (up to about 4cm long) scattered liberally on the surface. A few shallow pits turned up some beryl prisms 3 to 4cm long but these were translucent to opaque green, not gemmy. The scenery and weather were very pleasant.

On Saturday all remaining members headed back to Perth or to other destinations to continue holidaying.



## Field Trip cont.



*Almandine in  
mica schist,  
Nandoo Well  
area*

On behalf of MinSocWA, I would like to express our appreciation to Matt and Linda Wright for their assistance with the camping location, to Tom Kapitany for giving us permission to visit his prospects, and to Delta Lithium, Voltaic Strategic Resources and Capricorn Orogen for permission to fossick on their tenements.



*Sunset on the Gascoyne River*

Photos courtesy of Frank Doedens, Stuart Jeffries, Bruce Groenewald, Jimmy Lewis and Tony Ahmat



# The Walsh Point Epidote Discovery

*Compiled by Craig Bosel*



I've been a mineral collector myself since the age of eight and am now sixty-three. It was back in 2010 that I first purchased an Australian epidote specimen from the late Mr Tony Davies. It had small radiating sprays of transparent lustrous green epidote amidst clear quartz crystals and the location was labelled as 'Mitchell Plateau, WA'.

I was struck by the great aesthetics and colour contrast of the piece. I was later to learn that these epidote specimens first turned up at mineral markets in the mid-90's and new material has been rare since 2010. Although Harts Range in the Northern Territory dominates in terms of epidote specimen abundance and size, many collectors would say that Mitchell Plateau has produced the best examples of the species in Australia.

Mindat now lists 'Walsh Point' as a more exact location within the Mitchell Plateau, but the exact collecting location has been long shrouded in mystery with only a few aware of the particulars, having collected there themselves.

Some years later, in 2017, I decided to start specialising in epidote specimens from around the world. I returned to Tony's place and bought his last Mitchell Plateau piece, a thumbnail beauty. Chatting,, he said he'd self-collected it during a 4WD trip in mid-2009 with some buddies. Last month I very fortuitously chanced upon the original discoverer of the epidote site who led that convoy in winter 2009. His name is Mr John Rawlings, now retired in his 80s, and this is his discovery story.

John (born in late 1941) and his wife Diane migrated to Perth from England as '10-pound Poms' in May 1971. He'd previously worked for Boeing Aerospace as a glazier and was involved with the building of the Concorde. In Perth, he continued glazier work before buying a lawn-mowing round in 1979, keeping it through to retirement. Having his own business gave him a much greater chance to pursue his hobby passion of botany, especially succulents and cacti. He joined the Cactus Club of WA and was an avid grower and field collector for decades. Every year he'd head out with Diane or his son Wayne or a fellow amateur botanist for a break from the city life.

By John's best recollection, it was winter 1990 or perhaps 1991 that he and Wayne took their first of many trips up to the Mitchell Plateau. No 4WD vehicle at that stage, so they drove a good old Ford Falcon along the dirt roads and tracks, often at considerable risk to life and limb, John recalls.



*Walsh Point, Mitchell Plateau, Kimberley Region, Western Australia  
(courtesy Google Maps)*



## Epidote cont.

Motivation for this first trip was the hunt for a species of succulent (named 'Hoya') that John reckoned should grow up there as it had been found at similar latitudes in Queensland. On later trips, John did plant collecting for the Kings Park botanical gardens in Perth.



*John Rawlings at the collection site in June 1998*



*Some clearing of the spear grass and some shallow digging was required John says.*



## Epidote cont.



*A typical Walsh Point epidote-quartz specimen before acid cleaning*

The track to Walsh Point on the Michell Plateau coast was in places deeply rutted from the heavy rainfall in those parts and they'd often have to stop and place loose rocks into the wash-outs to have any chance of continuing forward. At one such stop near the coast he spotted (and pocketed) a shiny green crystal, not having a clue what it was. It was brought home as a trip souvenir, and that, dear reader, was the humble beginning of a 'great discovery'.

During 1992, a distinguished botany Professor from South Africa, John Lavranos, came to visit Perth and meet local cacti enthusiasts. The Professor was a polymath (look him up on Wikipedia) and also had a great interest in minerals and geology. He'd heard there was to be a Mineral Show at the WA Lapidary Club's buildings in Rivervale and asked John if he wouldn't mind taking him to it. John obliged and took the opportunity whilst there to get his green crystal identified. He says that he showed it first to geologist and mineral collector Mr Roger Staley, who had his own mineral business at the time and was selling at the show. [Personal note: it was in 1992 by coincidence that I first met Roger on a trip to Perth from New Zealand, buying some specimens from his home in South Perth].



*John with some of his finds in the field, June 1998.*



*John in July 2023 with two self-collected Walsh Point specimens*



## Epidote cont.

Roger identified it straight away as epidote but wasn't too impressed by the small crystal spray. John still remembers resolving at the time to go back and find a better example to impress him the next year. And just like that, John had caught the 'mineral collecting bug' late in life in his early 50s!



The following year 1993 Wayne and his Dad returned to the site with proper rock-hounding equipment and camped nearby. They spent a few days exploring, digging, and collecting specimens, and 'the rest is history' you could say. Most of the specimens were well coated with iron oxide and red dirt, requiring patient cleaning to uncover their delights.

John brought some of his finds along to the 1993 Mineral Show, and this time Roger was impressed and keen to purchase some for himself. Local collectors were keen to learn the location details, but John wisely kept this info to himself for at least the next 15 years. During those years he made at least 'six to eight' extra collecting trips up there, chasing rare plants and collecting at multiple WA mineral locations on the way there and back, in particular Poona near Cue and the old Whim Creek Mine near Karratha.

From 1992 John pursued his new hobby of mineral collecting with the same passion and dedication as he'd long done with botany. In his 50's, you could say he was 'cashed up' and got into buying, selling and trading specimens with vigour to build up his collection. Frank and Stan Soklich were brothers based in Perth who specimen-mined their own WA mineral leases and had an active mineral specimen importation business from all over the world. John was a regular visitor to their Orange Grove property "sometimes a few times a week" during those years and actively used 'the silver pick' method to grow his collection.



*The thumbnail I purchased from Tony Davies [27 x 20 x 12 mm]*



## Epidote cont.

John says the most productive collecting seasons at Walsh Point were those earliest ones in 1993 and 1994. He finally agreed to show his friend Clive Daw, Alan Longbottom and Tony Davies the location and they all went on a big 4WD convoy trip up there in June 2009. At the age of 67 at the time, this was John's last trip to Walsh Point.



Epidote specimens from his discovery are now in collections all over the world and it's a credit to his observation skills (and dedication to the hobby) that this is the case.

I'd long heard a rumour that ever since the Drysdale River National Park was established epidote collecting was now banned and Park Rangers were ever on the lookout for delinquent rock-hounders. This dampened my enthusiasm to go up there. Anyway, I also heard, the original track access to Walsh Point was now closed and inaccessible. Perhaps that is the case, but using the GPS co-ordinates John provided me, the discovery site plots just outside the Park boundaries, so maybe all that is required is to get to Walsh Point and have the enthusiasm to walk a few kilometres in rugged terrain to get to the site. Of course perhaps it is 'all worked out now!' I don't know, but I doubt it, and John says "No way, there's plenty more up there!" Food for thought indeed.

Johns collecting days are now behind him and he's happy to sell his whole collection. I hope to see you at the Perth Gem and Mineral Show in late October where you'll be able to see a lot of it (or contact me before then if you want a private viewing - Craig Bosel, 0478 633 810).



*An elegant 'epidote bowtie' on a quartz-dominant piece*



# MinSocWA Quiz Night

## 27th June 2023

Compiled by Angela Riganti



And the winner was...

MinSocWA social gathering for the year was a quiz night, held at the Herdsman Tavern in Wembley, on warm, cozy evening in the heart of winter (27 June 2023).

Nursed by warm food and a drink or two, six teams of six persons each (made up by MinSoc members, family and friends) tested their knowledge on a range of topics (including but not limited to minerals!), and battled it out for the hefty prizes on offer.

**And the winner was ... Stone Cold Trivial!** They took out first prize (\$300) and were also the winners of the Geography Table Quiz.

They were closely followed by The Quiz Knights (\$150) and The Hadeans, the latter two teams sharing the toffees for winning the Famous Faces Table Quiz.

A more than respectable booby price of 6 bottles of wine went to The Beryls. Full results are below.

Craig and his helpers, Ruth and Sue, kept a tight ship through the evening, sailing us through 10 different quizzes of 10 questions each – I should have known there would be a question on Craig's favourite mineral, epidote, and prepared better!

And who knew unicorn is the national animal of Scotland or that my team could not think of all three Perth suburbs beginning with 'I'. Plus, I sure need to go and see more movies!

Craig did an excellent job as Quizmaster and was also instrumental in securing a very nice venue for free in exchange for us buying a meal. We all enjoyed the warm food on one of the coldest nights in Perth this year!

For those who missed out, the quizzes were circulated in the email with the July Bulletin – the solutions were in two hidden columns in the file. To see the solutions, highlight column B and F, right-hand click and select 'Unhide'.

Thanks to Craig and his helpers for a most enjoyable evening!

Team Name	Round 1 Geography	Round 2 Sport	Round 3 Mineralogy	Round 4 True/False	Round 5 Movies	Round 6 Entertainment	Round 7 Perth & WA	Round 8 Geography	Round 9 Science/Facts	Round 10 History	Total Score	Ranking	Table Quiz 1 Famous Faces	Table Quiz 2 Geography
THE SALT AND PEPPER DIAMONDS	8	3	8	6	10	9	8	3	7	5	87	1st	12	8
STONE COLD TRIVIAL	9	6	5.5	8	10	8	9	7	9	9	80.5	1st	12	20
THE HADEANS	7	7	9	5	5	9	7	6	9	10	74	3rd	18	17
THE QUIZ KNIGHTS	9	8	8	9	10	9	10	8	9	10	79	2nd	15	18
THE BERYLS	7	4	9	6	5	9	6	7	6	7	66	6th	10	17
ROCKY ROAD	6	4	9.5	8	9	8	9	5	9	8	71.5	4th	12	18



## UPCOMING MINSOCWA EVENTS

Perth Gem and Mineral Show (PGMS)  
27th to 29th October 2023  
at Perth Conference and Exhibition Centre  
This year's theme is **mega minerals** (a.k.a. pegmatites)  
Please consider volunteering. Register at  
<https://www.perthgemmineralshow.com/volunteer/>



## SAVE THE DATE

8 November 2023 - Talk by Jenna Sharp - Topic to be confirmed

November 2023 - 45th Annual Seminar of the Mineralogical Societies of Australasia  
in Tasmania. Talks welcome.

## MEMBERSHIP & MEETINGS

The Mineralogical Society of WA would like to welcome the following new members:

Jim Lewis  
Val Sampson  
Yeeda Bibby  
Maevelyn Sherborne  
Arthur Hoffman

Please ensure that your contact details are up to date.  
Please notify the Secretary if you change your email address or phone number  
so that you continue to receive MinSocWA communications. Membership  
forms can be downloaded from the MinSocWA web page  
[www.minsocwa.org.au/membership](http://www.minsocwa.org.au/membership).

Meetings of the Mineralogical Society of Western Australia Inc. are usually held  
from 6.30pm on the second Wednesday of every odd month  
at

WA Lapidary & Rockhunting Club  
31 Gladstone Road, Rivervale (corner of Newey Street)  
A Show & Tell, refreshment and socializing are followed by a talk starting at  
7.30pm.

Receipts for membership subscriptions are available at the door at each  
meeting.

The Society's microscopes, UV lamp and refractometer are available for use by  
members.