
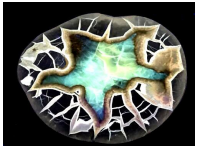
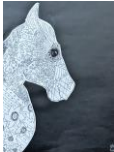






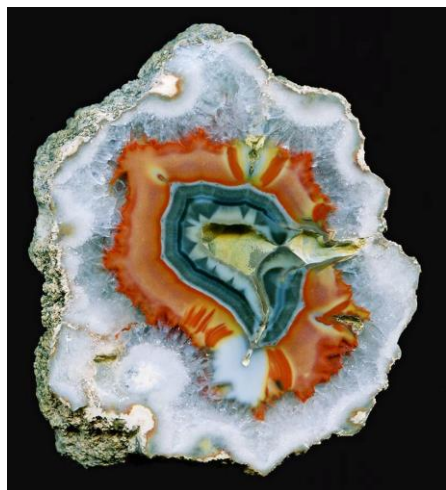
Tea Tree Gully Gem & Mineral Club Inc. (TTGGMC)
Clubrooms: Old Tea Tree Gully School, Dowding Terrace, Tea Tree Gully, SA 5091.
Postal Address: Po Box 40, St Agnes, SA 5097.
President: Ian Everard. 0417 859 443 Email: ieverard@bigpond.net.au
Secretary: Claudia Gill. 0419 841 473 Email: cjrgill@adam.com.au
Treasurer: Russell Fischer. Email: rfischer@bigpond.net.au
Membership Officer: Augie Gray: 0433 571 887 Email: teatreegullygmc@gmail.com
Newsletter/Web Site: Mel Jones. 0428 395 179 Email: teatreegullygmc@gmail.com
Web Address: <https://teatreegullygemandmineralclub.com>

**September
Edition
2019**

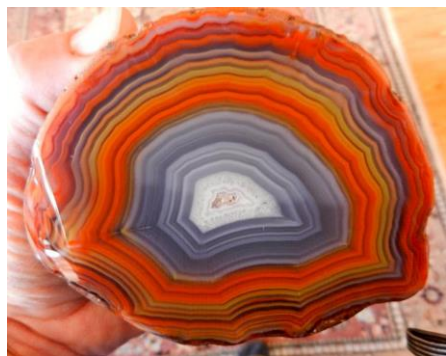
"Rockzette" Tea Tree Gully Gem & Mineral Club News

President's Report	General Interest	Club Activities / Fees										
<p>Greetings all,</p> <p>By the time this goes to print, Ian will be arriving back from his Agate Creek trip, hopefully with lots of goodies to "show & tell". This trip a bit shorter than originally intended, but when your buckets are full, they're full.</p> <p>Tuesday members plus John Hill conducted an intense Clean-Up of the club outside & inside on the 27th. Thanks to Mel for mowing the grass and tidying up the front of the premises of weeds & leaves. The washrooms and workroom were given a good Spring Clean (OK so it was 4 days early) & the cutting room blitzed. Allan has donated a large carpet square for the floor of the cutting room, and Doug and Ken have emptied and cleaned the large saw - not a small task. The old saw has been relocated to the shed, and the rear bench given a much-needed blitzing. More work needs to be done, but it's looking a lot better. Thanks to all who took part.</p> <p>The Council will be attending on the 29th to replace the doors on both washrooms, which are weather affected.</p> <p>On the morning of Thursday the 5th of September, we will be taking delivery of our new defibrillator. 12 members have indicated they will be attended the demonstration, so at least 2 members of each class are familiar with its use.</p> <p>That's all the news for this month.</p> <p>Cheers, Ian's Ghost Writer</p>	<p>Pages 2 to 5: Augie's September Agate and Mineral Selections...</p> <div style="text-align: center;">  </div> <p>Pages 5 & 6: Augie's September Mineral Matters – Septarian Nodules...</p> <div style="text-align: center;">  </div> <p>Pages 6 to 10: Part 2 of Amy's Art School Display at the TTGGMC 2019 Biennial Exhibition ...</p> <div style="text-align: center;">  </div> <p>Pages 11 to 13: 'Newcastle and Rail – The Never-ending Story' ...</p> <div style="text-align: center;">  </div> <p>Page 14: Members Out and About, Karoonda Silo Art...</p> <div style="text-align: center;">  </div> <p>Pages 15 to 19: General Interest, humour, etc...</p> <p>Page 20: Gem Quality Cabochons for Sale ...</p> <p>Page 21: Members' Noticeboard and Links...</p> <p style="text-align: center;">***</p>	<p>Meetings Club meetings are held on the 1st Thursday of each month except January. Committee meetings start at 7 pm. General meetings - arrive at 7.30 pm for 8 pm start.</p> <p>Library Librarian - Augie Gray There is a 2-month limit on borrowed items. When borrowing from the lending library, fill out the card at the back of the item, then place the card in the box on the shelf. When returning items, fill in the return date on the card, then place the card at the back of the item.</p> <p>Tuesday Faceting/Cabbing Tuesdays - 10 am to 2 pm. All are welcome. Supervised by Doug Walker (7120 2221).</p> <p>Wednesday Silversmithing Wednesdays - 7 pm to 9 pm. All are welcome. Supervised by Augie Gray (8265 4815 / 0433 571 887).</p> <p>Thursday Cabbing Thursdays - 10 am to 2 pm. All are welcome. Supervised by Augie Gray (8265 4815 / 0433 571 887).</p> <p>Friday Silversmithing Fridays - 9 am to 12 noon. All are welcome. Supervised by John Hill (8251 1118).</p> <p>Faceting/Cabbing/Silversmithing Fees: A standard fee of \$3.00 per session applies – to be paid to the session supervisor.</p> <p>In the interest of providing a safe working environment, it is necessary to ensure everyone using the workshops follow the rules set out in <i>Policy No. 1 - 20/11/2006</i>.</p> <p>It is necessary that <i>Health and Safety</i> regulations are adhered to always.</p> <p>Everyone using the workshop must ensure:</p> <ul style="list-style-type: none"> • that all club equipment (e.g. magnifying head pieces, faceting equipment, tools, etc.) used during the session, is cleaned, and returned to the workshop after usage. • that all workstations are left in a clean and tidy state; • that all rubbish is removed and placed in the appropriate bin; • and where applicable, machines are cleaned and oiled or dried. <p><i>NOTE: The Tea Tree Gully Gem & Mineral Club Inc. will not be held responsible or liable for any person injured while using the club machinery or equipment.</i></p> <p>Club Subscriptions:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">\$25.00 Family</td> <td style="width: 50%;">\$20.00 Family Pensioner</td> </tr> <tr> <td>\$15.00 Single</td> <td>\$12.50 Single Pensioner</td> </tr> <tr> <td colspan="2">\$10.00 Joining Fee</td> </tr> </table>	\$25.00 Family	\$20.00 Family Pensioner	\$15.00 Single	\$12.50 Single Pensioner	\$10.00 Joining Fee					
\$25.00 Family	\$20.00 Family Pensioner											
\$15.00 Single	\$12.50 Single Pensioner											
\$10.00 Joining Fee												
Diary Dates / Notices												
<p style="text-align: center;">Happy Birthday</p> <p>Members celebrating September birthdays:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">2nd – Sue Beaucaris.</td> <td style="width: 50%;">14th – Pat Mabbitt.</td> </tr> <tr> <td>3rd – Chris Browne.</td> <td>24th – Betty Anderson.</td> </tr> <tr> <td>6th – Mal Knott.</td> <td>27th – Rodrick Bungey.</td> </tr> <tr> <td>8th Tom Afford.</td> <td></td> </tr> <tr> <td>9th Russell Fischer</td> <td></td> </tr> </table> <p style="text-align: center;">***</p>			2 nd – Sue Beaucaris.	14 th – Pat Mabbitt.	3 rd – Chris Browne.	24 th – Betty Anderson.	6 th – Mal Knott.	27 th – Rodrick Bungey.	8 th Tom Afford.		9 th Russell Fischer	
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8 th Tom Afford.												
9 th Russell Fischer												
<p>The Tea Tree Gully Gem & Mineral Club Inc. is not and cannot be held responsible or liable for any personal injuries, loss or damage to property at any club activity, including, but not limited to, meetings, field trips, all crafts and club shows. An indemnity is to be signed by all participants before each and every field trip activity they attend.</p>												

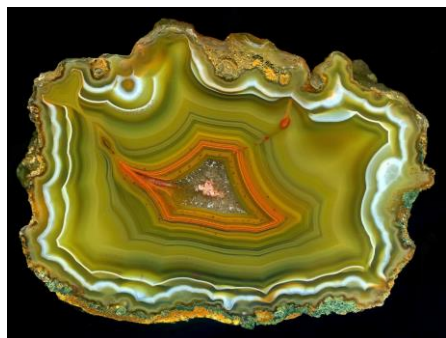
Augie's September 2019 Agate Selections – Argentina II.



Argentina II - 01.



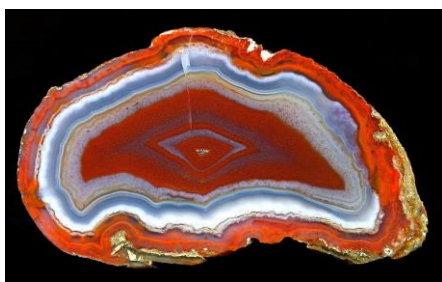
Argentina II - 02.



Argentina II - 03.



Argentina II - 04.



Argentina II - 05.



Argentina II - 06.



Argentina II - 07.



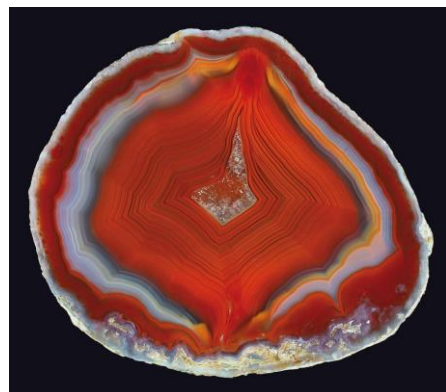
Argentina II - 08.



Argentina II - 09.



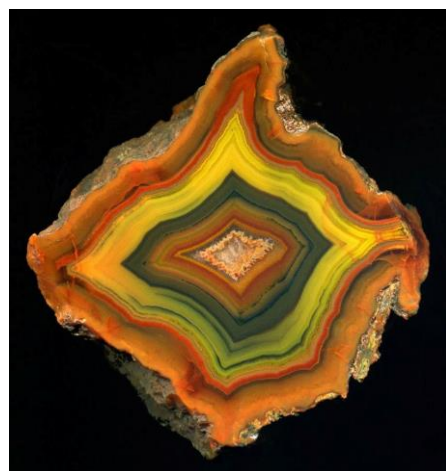
Argentina II - 10.



Argentina II - 11.



Argentina II - 12.



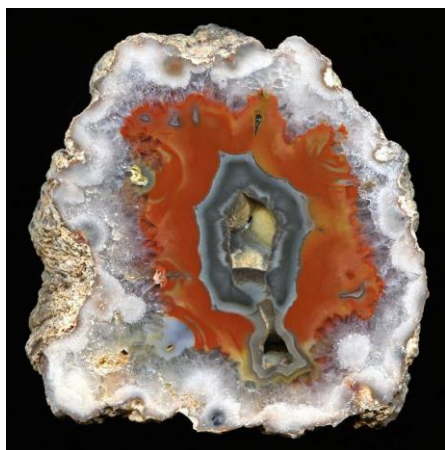
Argentina II - 13.

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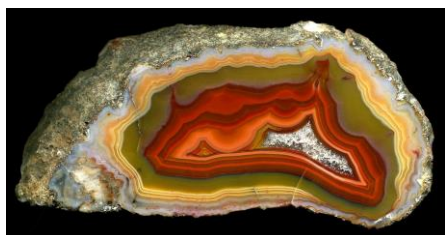
Augie's September 2019 Agate Selections.
Continued...



Argentina II - 14.

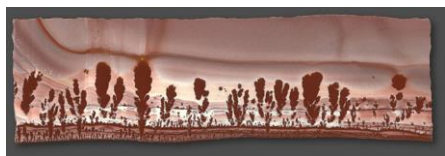


Argentina II - 15.



Argentina II - 16.

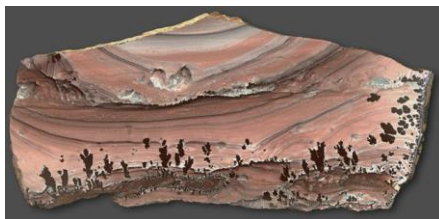
Augie's September 2019 Mineral Selections – Picture Jasper



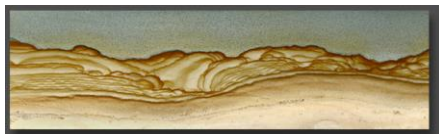
Apache 1.



Biggs.



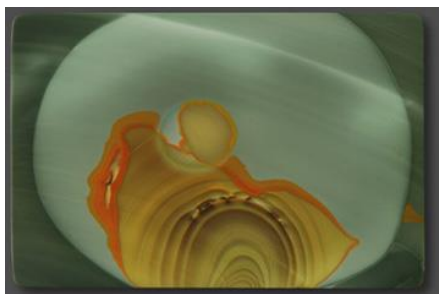
Apache 2



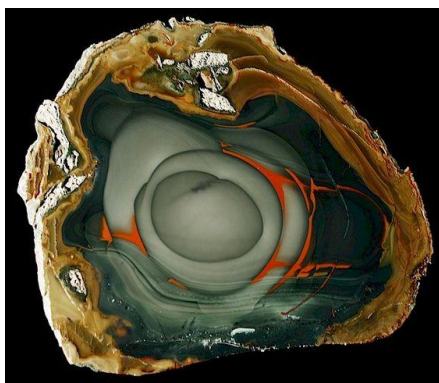
Arroyo.



Blue Biggs.



Blue Mountain 1.



Blue Mountain 2.



Bruneau 1



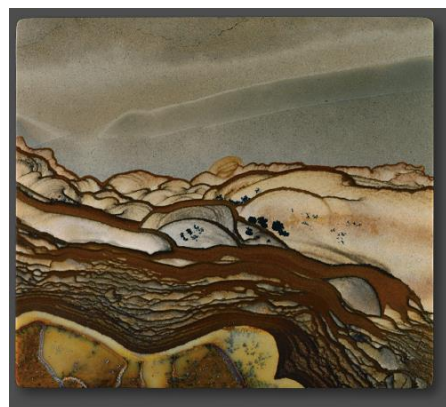
Bruneau 2.



Bruneau 3.



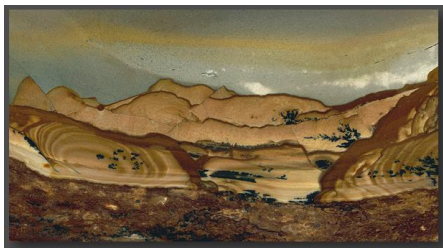
Cripple Creek.



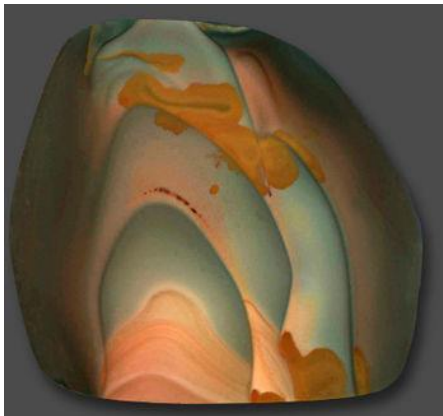
Deschutes 1.

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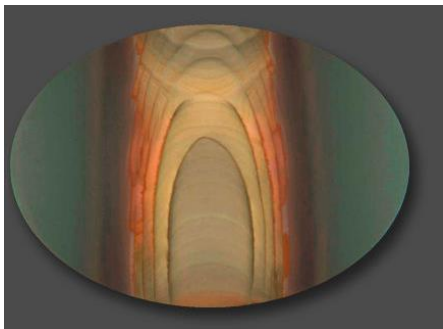
Augie's September 2019 Mineral Selections – Picture Jaspers. *Continued...*



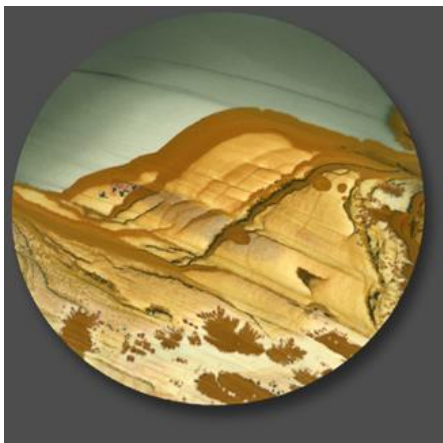
Deschutes 2.



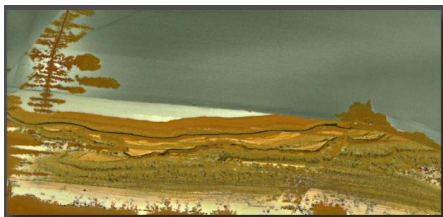
Morrisonite 1.



Morrisonite 2.



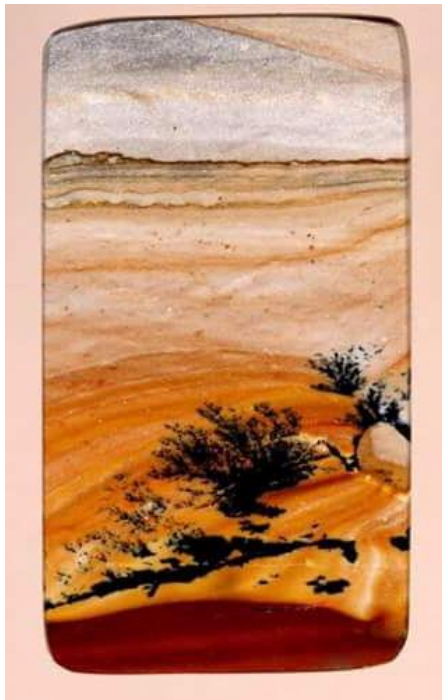
Owyhee 1.



Owyhee 2.



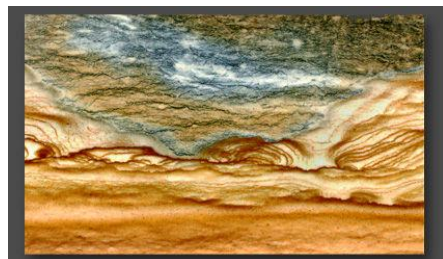
Owyhee 3.



Owyhee 4.



Rocky Butte.



Smoky Ridge.



Succor Creek 1.



Succor Creek 2.



Sycamore Creek.



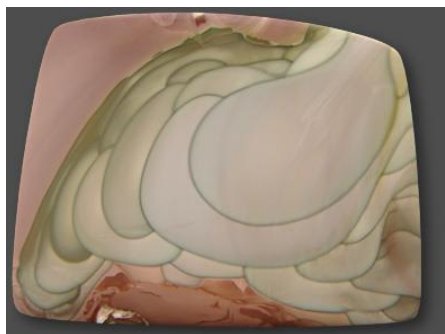
Wildhorse 1.

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Augie's September 2019 Mineral Selections – Picture Jaspers. Continued...



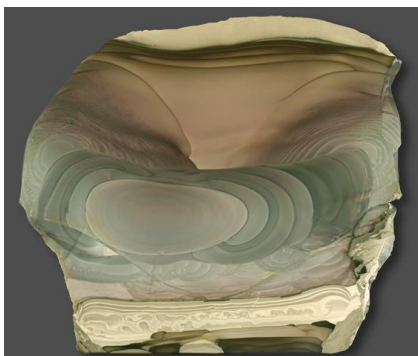
Wildhorse2.



Willow Creek 1.



Willow Creek 2.



Willow Creek 3.



Willow Creek 4

**Augie's Mineral Matters
Septarian Nodules**

Septarian Nodules or Geodes formed back in the cretaceous period – 50 to 70 million years ago.

They are found primarily in 3 locations – Utah, Morocco and Madagascar. (Interestingly, the famous “Moeraki boulders” on the South Island of New Zealand are also Septarian concretions, though very large ones – up to 3 metres in diameter.)

This month we will be looking at the Utah formations.



Septarian Nodule, UTAH, 01.

Septaria are concretions, which are defined as “a hard, compact mass of matter formed by the precipitation of mineral cement within the spaces between particles and is found in sedimentary rock or soil. *Concretions* are often ovoid or spherical in shape, although irregular shapes also occur.”



Septarian Nodule, UTAH, 02.

The name “Septaria” comes from the Latin word “septum” meaning “partition” and refers to the cracks within these nodules. It is often erroneously thought to be a derivation of the Latin word “septem”, meaning 7, as the Utah Septaria have “arms” which can be 7 in number. (They can also be more or less, which blows that theory out of the water. They could just as easily have been called “pentaria” or “octaria”.)

The process that created Septarian nodules rather than other types of concretion is still unclear. We know that during the cretaceous period, when the Utah Septaria formed, the Gulf of Mexico extended into what is now southern Utah. The decomposing sea life, which had been killed by volcanic eruptions, had a chemical attraction for the sediment

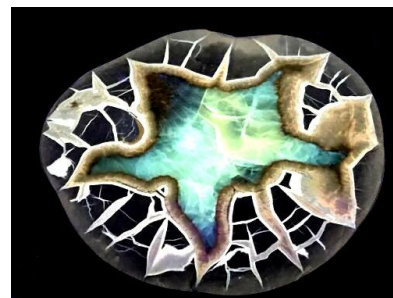
around them, forming mud balls. As the ocean receded, the balls were left to dry and crack.



Septarian Nodule, UTAH, 03.



Septarian Nodule, UTAH, 04.



Septarian Nodule, UTAH, 05.

Due to their Bentonite (heavy clay) content, these concretions cracked at the same time, sealing the cracks inside. Calcite from the decomposed shells contained in the balls formed into Calcite crystals. The Calcite then transformed into Aragonite, separating the Bentonite from the Calcite centres. Thus, the Utah Septarians are composed of an outer grey layer of Limestone, the yellow Calcite centres and arms, which are outlined by the brown Aragonite.



Septarian Nodule, UTAH, 06.

Continued next page...

Augie's Mineral Matters – Septarian Nodules.
Continued...



Septarian Nodule, UTAH, 07.



Septarian Nodule, UTAH, 08.

**Part 2 of Amy's Art School Display
at the TTGGMC 2019 Biennial Exhibition**

Part 2 includes these themes: Collage, Drawing, Lino Cuts, Painting, Scratch Board, Still Life, and Zen Tangle.

Collage...



Ariam.



Ella.



Emily.



Evie.



Hannah.



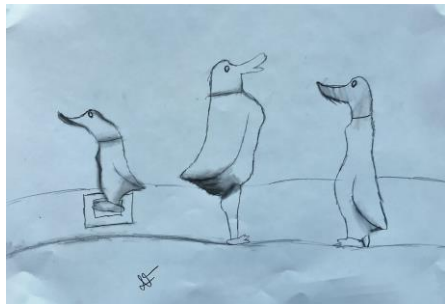
Tablia.



Piper

Part 2 of Amy's Art School Display at the TTGGMC 2019 Biennial Exhibition

Drawing and Painting



AJ.



Alana.



Carla 01.



Carla 02.



Kayla 01.



Kayla 02.



Kayla 03.



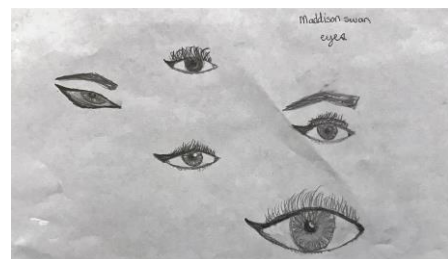
Lara 01.



Lara 02.



Maddison 01.



Maddison 02.



Matilda 01.



Maddison 3.

Drawings and Paintings continued next page...

Part 2 of Amy's Art School Display
at the TTGGMC 2019 Biennial Exhibition
Drawing and Painting *continued...*



Trinity.



Ashlee.



Addison.



Maddison 3.

Van goghs 'Sunflowers'



Ariarn.



Piper.



Evie.

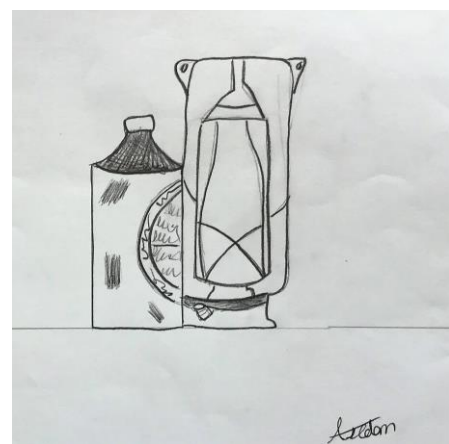
Still Life



Jess.



Tayla.



Lino cuts - next page...

Part 2 of Amy's Art School Display at the TTGGMC 2019 Biennial Exhibition: *Continued...*

Lino Cuts...



Lily.



Trinity.



Alana.



Jessica I.



Angelina I.



Lara.

Scratch Board...



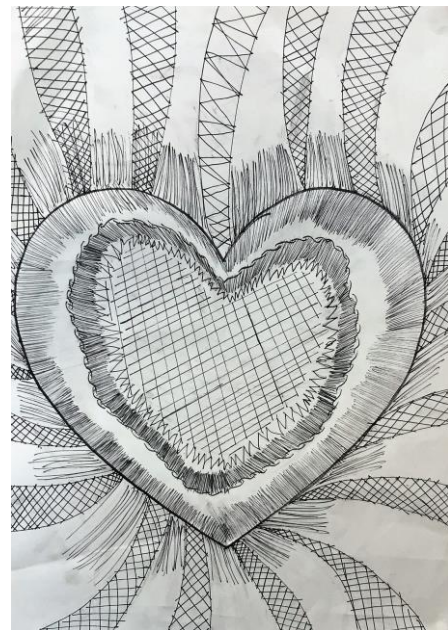
Antony I.

Zentangle...

Zentangle is a non-representational and unplanned illustration, using different patterns and shapes using pen liners.

Students were asked to draw an illustration of their favourite animal, logo or shape and create an image. They then had to come up with lots of different patterns to recreate the illustration.

This method is a very relaxed form of art which has no set rules. There is no wrong or right when we Zentangle. The patterns within the shape can represent the image portrayed or it can just have random patterns that we find in everyday life. Circles, triangles, lines and dots all create and represent the world we live in today.



Claire.

Continued next page...

Part 2 of Amy's Art School Display at the TTGGMC 2019 Biennial Exhibition: Continued...
Zentangle – Continued...



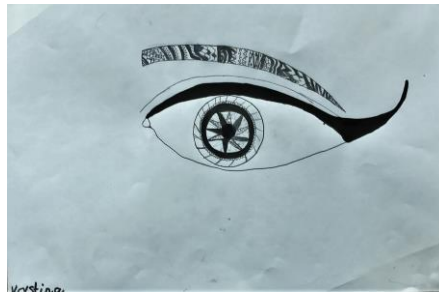
Lara.



Jessica 2.



Kayla 4.



Krystina.



Maddison 4.



Angelina 2.



Antony 2.



20 Kid's Jokes for Adults

1. **Q:** Why do birds fly to warmer climates in the winter?
A: It's much easier than walking!
2. **Q:** What creature is smarter than a talking parrot?
A: A spelling bee.
3. **Q:** Why did the banana go to the hospital?
A: He was peeling really bad.
4. **Q:** How does the ocean say hello?
A: It waves.
5. **Q:** What do you call a fake noodle?
A: An im-pasta.
6. **Q:** Why can't you trust atoms?
A: They make up everything.
7. **Q:** What did one plate whisper to the other plate?
A: Dinner is on me.
8. **Q:** Why aren't dogs good dancers?
A: They have two left feet?
9. **Q:** What do you call an old snowman?
A: Water.
10. **Q:** Why was the picture sent to jail?
A: It was framed.
11. **Q:** How do you get a tissue to dance?
A: You put a boogie in it.
12. **Q:** Which superhero hits the most home runs?
A: Batman.
13. **Q:** What has four wheels and flies?
A: A garbage truck.
14. **Q:** Why is a baseball stadium always cold?
A: Because it's full of fans!
15. **Q:** What are the strongest days of the week?
A: Saturday and Sunday. All the others are weekdays.
16. **Q:** How do you stop an astronaut's baby from crying?
A: You rocket!
17. **Q:** What do you call a rich elf?
A: Welfy.
18. **Q:** How do you talk to giants?
A: Use big words!
19. **Q:** What do you call a boomerang that won't come back?
A: A stick.
20. **Q:** What washes up on really small beaches?
A: Micro-waves.

Contributed by Mel Jones...

‘Newcastle and Rail – The Never-ending Story’ by Garry Reynolds Part 11B of 24...



The Newcastle City waterfront today where Aborigines once fished from canoes, convicts hewed coal and a railway system developed and disappeared over a period of 160 years. Source: *Familypedia*.

The second bridge is finally finished

Ironically, although a massive effort was made to build a replacement Hawkesbury River Railway Bridge while the existing structure strained under the pressures of the War effort, the second bridge was not opened until 1946 when the conflict had just ended. Still, most thought better late than never.

To alleviate fears that history might be repeated, the NSWGR arranged for two groups of three coupled 38-class locomotives running on parallel lines to storm out of the Long Island Tunnel and onto the new bridge in an impressive show of power and confidence in its engineering.



A public demonstration of the integrity of the Hawkesbury River Bridge. Source: *NSW Archives*.

Lessons had been learned and the new bridge was designed with extra spans and with piers sunk deeper up to 56 metres. New rail access tunnels had to be bored on the Southern and Northern approaches. The design, foundation work and fabrication of the Bridge were undertaken by the NSWGR and over 500 men worked on the project, with six dying during construction.

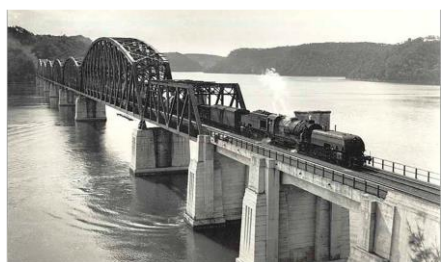
Learning from the problems encountered with the first bridge, the second was designed for a heavier loading than it would need to take. Reassuringly, the current Hawkesbury River Railway Bridge is now as old as the one it replaced and has as to now suffered none of the same difficulties. Interestingly, after checking the steel in the seven spans there were plans to transport parts of the old bridge to various lines in the State to be re-assembled to form bridges across various waterways.

Two spans were initially reserved for the crossing of the Darling River at Bourke and Billabong Creek on the proposed Bourke to Barrington Railway, which was part of the Federal Government's post-war project for a north-south inland railway through the back of

Queensland, linking up with a cross-country line to Darwin. Nothing happened.



Hawkesbury River Railway Bridge alongside the piers of the original bridge. Source: *Wikipedia*.



An AD 60 Garratt hauls a heavy goods train over the Hawkesbury River Railway Bridge. Source: *Wikipedia*.

Somewhat ironically, the head of a Japanese Bullet Train consortium was reported on 12 April 2016 in the 'Newcastle Herald' of briefing the city's business community on the benefits of replacing the Sydney-Newcastle rail link with a high-speed rail option. Perhaps there will be another Hawkesbury River Railway Bridge one day built by the Japanese who were keen to destroy an earlier one in WW2.

However, there may be other action required earlier as the 'Sydney Morning Herald' reported on 2 December 2016 that: "Limits are being imposed on freight trains running over the rail bridge connecting Sydney with the Central Coast and Newcastle, after engineering reports found cracking in the bridge's concrete and "consistent defects" in its steel frame."



The Main Northern Line curves around the Hawkesbury River. Source: *Mapio*.

Electrification Sparks Action

Electrification of the Sydney-Newcastle Railway started way back in the second half of the 1920s and early 1930s with the section from Sydney to Hornsby, but further work was more by accident than design. Steam still ruled what was called the 'Short North'.



A pre-electrification Newcastle Rail Yard dominated by steam as a tank engine waits to haul out a Hunter Region train with wooden carriages while 3830 with 'The Flyer' builds up speed with an air-conditioned steel consist of cars trailing. Source: *Pinterest*.



Locomotive 3524 hauling a long consist out of Newcastle's East End Rail Yard with Zaara St Power Station in the background. Source: *Newcastle Herald*.



Newcastle East End Yard in 1985 with diesel multiple car sets prominent and an electric passenger car sitting isolated in the Yard. Source: *David Patterson*.

Initially, electrification of the 'Short North' to Newcastle was not seen as a high priority. In the early 1950's, the NSWGR decided that it was most important to electrify the line over the Blue Mountains to Wallerawang in anticipation of increased coal traffic.

Continued next page ...

'Newcastle and Rail – The Never-ending Story' Continued...

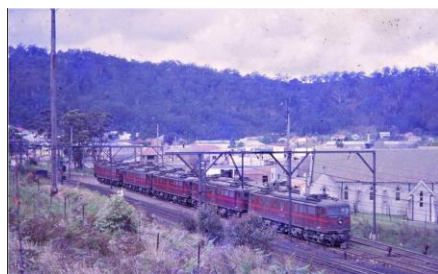
Being proactive, the Railways ordered 40 new 46-class Metropolitan Vickers electric locomotives from England. It helped that the Company worked in partnership with the NSWGR traditional supplier of steam locomotives - Beyer Peacock. It also placated the old British company which had taken issue with the NSWGR wanting to reduce its order of the massive Beyer Garratts AD60 class steam locomotives from 50 to 42 at the time.



Double-heading AD 60-class Garratts blasting up Fassifern Bank with a heavy coal train. Source: Newcastle Model Rail.



Steam locos waiting to pick up electric loco-hauled trains to take further north from Gosford in 1970. Source: David Patterson.



A team of powerful 46-class electric locomotives await their turn to take over South-bound trains from steam locomotives at Gosford in 1963. Source: David Patterson.

The 46-class electric locomotives, while looking uninspiring, were the most powerful locomotives in Australia for many years, rating up to nearly 3,600 horsepower. However, many of them ended up sitting idle because the Western coal traffic failed to live up to expectations.



A newly painted 46-class electric locomotive resplendent in 'candy livery' coupled to a more traditionally liveried 46-class locomotive. Source: David Patterson.

So, a decision was made to electrify the Short North as far as Gosford to better utilise the surplus 46-Class locos and eliminate Cowan Bank banking.



The 38-class steam and 46-class electric locomotives exchange at sunset at Gosford. Source: Steam Train Stories.

To cater to the passenger traffic, the NSWGR also ordered more stainless-steel electric 'U boat' interurban rolling stock which had been a success on the Blue Mountains. This move facilitated the growth of industry, retiree and commuter settlements on the Central Coast creating more rail traffic.



A 'U boat' interurban train built by Commonwealth Engineering in N.S.W., using Metropolitan-Vickers electrical equipment from Britain, arriving at Hawkesbury River Station. Some had operational lives of up to 38 years before retirement in 1996. Source: Stephen Halgren.

So, after this inadvertent start, the Short North was electrified to Gosford in 1960. All Newcastle and long-distance passenger services were hauled by 46-class electric locomotives between Sydney and Gosford, where steam or diesel took over. Most passenger services north of Gosford, continued to be steam hauled, right to the end of steam in 1973, however, some prestige Express and Mail trains were diesel-hauled, either all the way from Sydney, or northwards from Gosford.

During the latter part of the 60's, it was common practise to use the massive AD60 Class Beyer-Garratt locomotives to haul heavy goods trains from Gosford to Broadmeadow. Trains from Newcastle to Sydney were often hauled by steam locomotives until their final withdrawal from passenger services in 1971, and from freight trains in 1972.

Meanwhile, in 1961 the 620/720 class diesel railcars were introduced to provide local suburban services from Newcastle to Maitland on the Hunter Line and South to Fassifern and Toronto on the Toronto Branch Line.

Steadily, electrification was stretched to Wyong in 1982 and Newcastle in 1984. The final electrification stage to Newcastle involved building new platforms, shaving back others and their awnings, altering footbridges, overbridges and under-bridges, and reconstructing sidings to enable the wider electric passenger rolling stock and electric locomotives to operate.

One of the major challenges which arose with

the introduction of double-deck inter-urban rolling stock was the need to gingerly knock brick work out of the curved corners of the tunnels to squeeze the carriages through.

The NSW Railways also had to bore another Tickhole Tunnel at Kotara. Although the original was built for double track service in 1887, the tunnel now only features one track to Newcastle so that double-decker carriages can pass through. In 1983, a second new tunnel was bored for the line from Newcastle to Sydney.

Large electric locomotives continued to operate freight services on the Short North until 1998 but to the outsider, somewhat quirky, these were replaced with diesels running under wires. Much of the decision was to do with reduced crewing costs associated with long distance diesel-hauled 'through trains' and avoiding the charges associated with purchasing electricity and maintaining electric equipment.

The Name Train – an aura of myth, magic, and marketing?

Like the 'Spirit of Progress' in Victoria, an aura was deliberately created by railway marketing men around the name train on the Short North – the 'Newcastle Flyer'. Initially, it was a 2 or 3 times daily limited stops locomotive-hauled train between Newcastle and Sydney Central.

It was introduced in 1943 in the middle of World War 2 pulled by the new streamlined 38 class locomotives.

In emanated from 1938, when the NSWGR commenced the design of a new class of express passenger steam locomotive. This process was long overdue owing to the halt in the concept development during the Great Depression.



Locomotive 3828 on the 'Newcastle Flyer' about to depart Newcastle Station. Source: Grahame Reid.

The foundation of the design would be a two-cylinder simple 4-6-2 Pacific type which had been popularly adopted around the world and in other states of Australia but untried in NSW. It ended up being the last steam passenger locomotive designed and built in NSW and the only Pacific locomotive.



Non-streamlined 3809 speeding down the straight at Fassifern with an air-conditioned express. Source: David Patterson. Continued next page...

'Newcastle and Rail – The Never-ending Story' Continued...

Many considered the 38-class as the pinnacle of Australian steam locomotive development. Several members of the class were still successfully operating fourteen years after serious dieselisation began in NSW.

Even experienced drivers agreed it was an 'excitement machine' with valve timings so meticulous in this racehorse-like thoroughbred. They relished the speed, the power and the smooth riding qualities.

Launched in the depths of WW2, the early streamlined 38s were a morale booster but on the other hand still subject to the daily reality of the crawl across the fragile Hawkesbury River Railway Bridge.



Workers in the 1950s removing a tyre from a C38 wheelset at Cardiff Railway Workshops established in 1928. Steam, diesel and electric locomotives have been maintained at the facility moved from public to private hands. *Source Lake Macquarie Library.*

Aside from the five streamlined 38s, the remaining 25 non-streamlined locomotives were built at the NSWGR Eveleigh Workshops (13 even-numbered locomotives) and its Cardiff Locomotive Workshops (12 odd-numbered locomotives) in the Hunter Region.

The class frequently kept to 110kph schedules and sometimes speeds approaching 130kph were claimed. The locomotives did indeed possess unparalleled performance and availability, but decades later, myths grew about the 'Newcastle Flyer' and the 38s heading it up.

Prior to WW2, in 1929, a six-car set of tourist cars (former end-platform wooden suburban carriages converted to country running), were part of a consist that cut 30 minutes off the then best time of 3 hours 15 minutes.

After the War, the fastest journey time for this combination on the non-stop express was 2 hours 18 minutes in 1947. In reality, the record for the fastest steam trip between Newcastle and Sydney was still held by a 36-class locomotive in 1938. At the time, it was undergoing test running to speed up express trains to compete with the motor car once the Pacific Highway was opened.

While the 'Newcastle Flyer' was the last express train in Australia to be operated by steam locomotives till the practice ceased in 1970, if truth be told they were replaced by visually unstimulating electric interurban trains which were faster, more comfortable and cheaper to run.



Transition to a diesel-electric hauled 'Flyer' at Newcastle Station in 1975. *Source: Mark Zanker.*

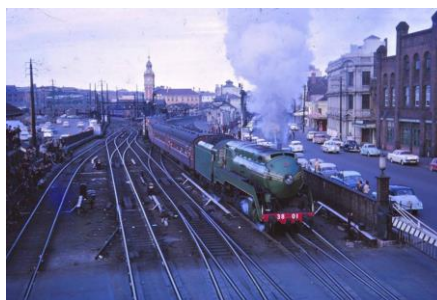


A mix of diesel-electric locomotives await at Broadmeadow Roundhouse to complement the pure electric and diesel multiple unit consists in the Newcastle District. *Source: David Patterson.*



Electrification is arriving in the 1980s at Newcastle Station, but multiple car diesel sets still dominate the platforms. *Source: National Trust.*

Originally, steam-hauled trains transitioned to a combination of steam to Gosford and then pure electric-hauled; then diesel-electric all the way; and eventually after electrification reached Newcastle in 1984, electric trains all the way to Sydney. Ultimately the increase in frequency and speed of trains enabled by electrification hastened the demise of the 'Flyer' which was thereafter not quite as 'premium' a train. And what of the speed record – myth too?



Locomotive 3801 powering out of Newcastle Station in 1964 mounting an attempt to break the rail speed record to Sydney. *Source: David Patterson.*

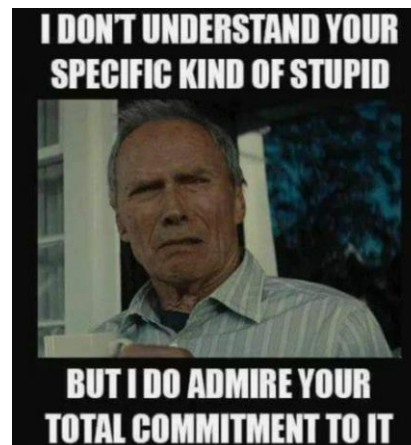
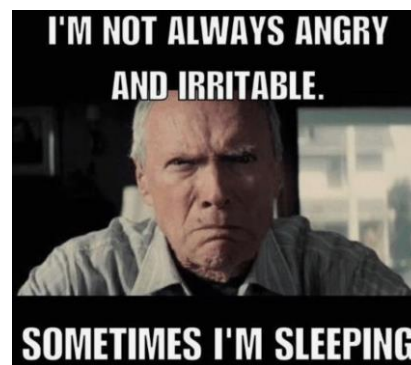
In 1964, an attempt by locomotive 3801 heading a charter train was successful in breaking the long standing 36-class's record by managing 2 hours, 1 minute and 51 seconds for the 167 kilometres. However, the dream of steam was shattered in October 1988 when an XPT shaved a further 6 minutes 4 seconds off the record. So, the steam dream of the 38-class Newcastle Flyer being fastest is a myth.



The air-conditioned 'Newcastle Flyer' arrives at Newcastle Station under the transition to diesel-electric power in the 1950s while wooden end platform local cars dominate the remaining lines. *Source: Carradine.*

To be continued next month with Part 12...

Some Adult Humour



A Doctor and His Wife

A doctor and his wife were having a big argument over breakfast one morning.

As things got heated, the doctor shouted at his wife, "You aren't so good in bed either!" and then he stormed out of the room and went to work.

A couple of hours later he was feeling guilty about what he'd said so he decided to call his wife to apologize.

There was a long delay before she finally answered. "What took you so long to answer?" asked the doctor.

"I was in bed," replied his wife.

"What were you doing in bed at this time?" he asked.

"Getting a second opinion!"

Contributed by Janet and Mel Jones...

Janet and Mel’s Visit to Karoonda to View the Viterra Silos Unique Feature – Paint by Day and Permanent Projection by Night.

“Two separate canvases for two different experiences”



Paint by Day.



Projection by Night.

To watch street artist *Heesco Khosnaran* (who painted the Karoonda Silos) talk about his art, click/tap on the following hyperlink:

[My Art by Heesco Khosnaran](#)

To access the official website for Karoonda Silo Art click/tap on the following hyperlink:

<https://karoondasilart.com.au/>

Extract from website announcing:

“Karoonda Silo Art is Complete JULY 30TH, 2019.

AMAZING work Heesco, we can’t thank you enough for transforming the Karoonda Viterra Silos featuring iconic local Mallee elements as suggested by our community.

There are so many people to thank for helping make this massive project come to life for Karoonda.

This project was funded by the Federal Government’s Drought Communities Fund thanks to Tony Pasin MP.

The District Council of Karoonda East Murray partnered with Illuminar and Juddy Roller to create the incredible day and night art on the Karoonda Silos.

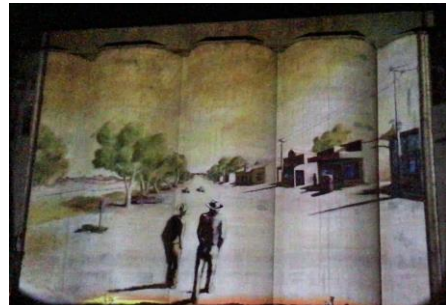
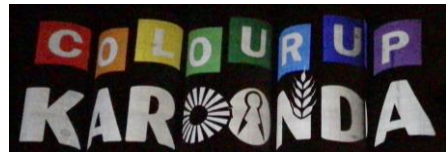
Viterra, who own the massive Karoonda Silos, have been extremely supportive throughout the entire project.

Thank you Onsite Rental Group for providing hire of the massive Boom Lifts! Your prompt and regular customer service supporting Heesco with lift technicalities was fantastic.

Terrain Group Pty Ltd designed and supplied the shade shelters and seating in front of the silos.

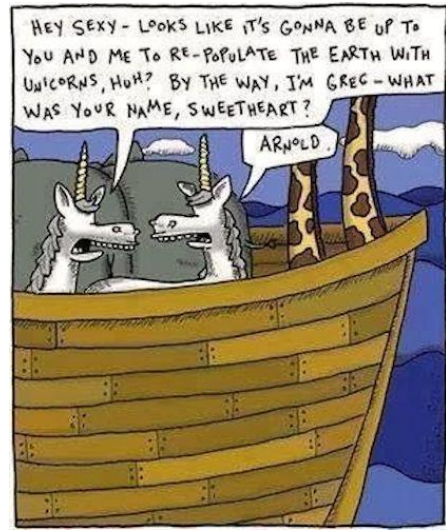
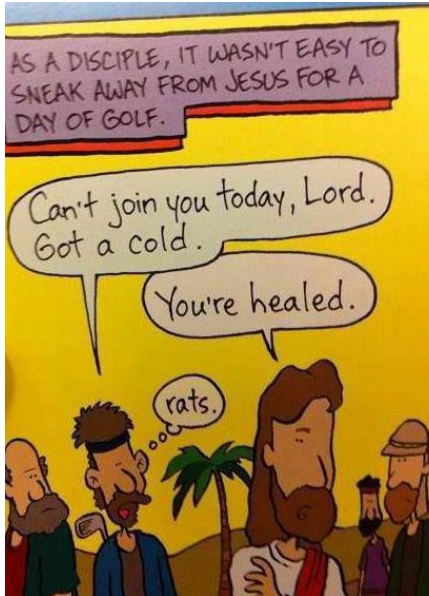
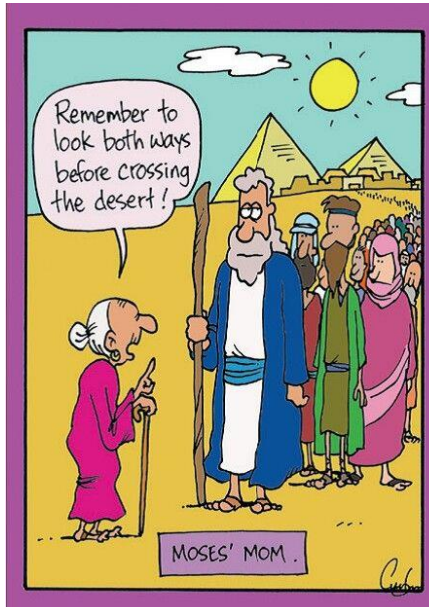
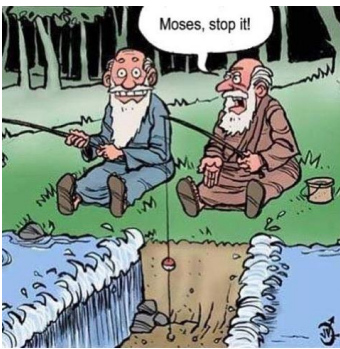
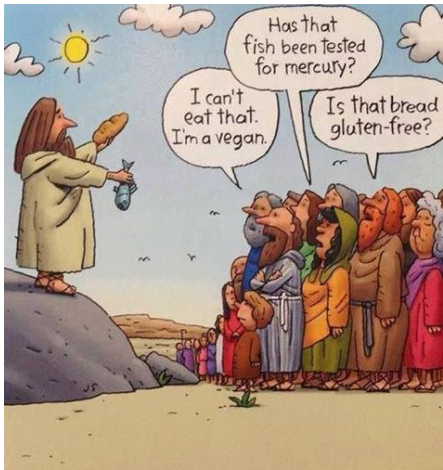
Karoonda’s local builder, Lucas Spog Neumann, installed the infrastructure in which one of the shelters has been custom designed to permanently house the new projector units used in the night time silo art display.

The permanent projection show begins every evening from sunset until 9pm with fresh content coming soon so stay tuned!!”



Contributed by Doug Hughes...

Biblical Humour



Contributed by Allan Rudd...

Universal Laws



1. **Law of Mechanical Repair** - After your hands become coated with grease, your nose will begin to itch, and you'll have to pee.
2. **Law of Gravity** - Any tool, nut, bolt, screw, when dropped, will roll to the least accessible corner.
3. **Law of Probability** - The probability of being watched is directly proportional to the stupidity of your act.
4. **Law of Random Numbers** - If you dial a wrong number, you never get a busy signal, and someone always answers.
5. **Law of the Alibi** - If you tell the boss you were late for work because you had a flat tyre, the very next morning you will have a flat tyre.
6. **Variation Law** - If you change lines (or traffic lanes), the one you were in will always move faster than the one you are in now (works every time).
7. **Law of the Bath** - When the body is fully immersed in water, the telephone rings.
8. **Law of Close Encounters** - The probability of meeting someone you know increases dramatically when you are with someone you don't want to be seen with.
9. **Law of the Result** - When you try to prove to someone that a machine won't work, it will.
10. **Law of Bio-mechanics** - The severity of the itch is inversely proportional to the reach.
11. **Law of the Theatre and Arena** - At any event, the people whose seats are furthest from the aisle, always arrive last. They are the ones who will leave their seats several times to go for food, beer, or the toilet and who leave early before the end of the performance or the game is over. The folks in the aisle seats come early, never move once, have long gangly legs or big bellies, and stay to the bitter end of the performance. The aisle people also are very surly folk.
12. **The Coffee Law** - As soon as you sit down to a cup of hot coffee, your boss will ask you to do something which will last until the coffee is cold.
13. **Murphy's Law of Lockers** - If there are only two people in a locker room, they will have adjacent lockers.

14. **Law of Physical Surfaces** - The chances of an open-faced jelly sandwich landing face down on a floor, are directly correlated to the newness and cost of the carpet or rug.
15. **Law of Logical Argument** - Anything is possible if you don't know what you are talking about.
16. **Brown's Law of Physical Appearance** - If the clothes fit, they're ugly.
17. **Oliver's Law of Public Speaking** - A closed mouth gathers no feet.
18. **Wilson's Law of Commercial Marketing Strategy** - As soon as you find a product that you really like, they will stop making it.
19. **Doctors' Law** - If you don't feel well, make an appointment to go to the doctor, by the time you get there you'll feel better. But don't make an appointment, and you'll stay sick.

Contributed by Doug Walker...

The Organist



A small church had a very attractive big-busted organist named Susan, and her breasts were so large that they bounced and jiggled while she played the organ. Unfortunately, she distracted the male part of the congregation considerably.

The very proper church ladies were appalled. They said something had to be done about this or they would have to get another organist. So one of the ladies approached Susan very discreetly about the problem, and told her to mash up some green persimmons and rub them on her nipples and all over her breasts, which should cause them to shrink in size, but warned her not to taste any of the green persimmons, because they are so sour they will make your mouth pucker up & you won't be able to talk properly for a while. The voluptuous organist reluctantly agreed to try it.

The following Sunday morning the minister walked up to the pulpit and said, "Dew to thircumsthanthis bewond my contwol, we will not hab a thermon tewday!"

Contributed by Doug Walker...

Zen Teachings

1. Do not walk behind me, for I may not lead.
2. Do not walk ahead of me, for I may not follow.
3. Do not walk beside me for the path is narrow.
4. Sex is like air. It's not that important unless you aren't getting any.
5. No one is listening, until you pass wind.
6. Never test the depth of the water with both feet.
7. If you think nobody cares whether you're alive or dead, try missing a couple of mortgage payments.
8. If at first you don't succeed, skydiving is not for you.
9. Give a man a fish and he will eat for a day. Teach him how to fish, and he will sit in a boat and drink beer all day.
10. If you lend someone \$50 and never see that person again, it was probably well worth it.
11. If you tell the truth, you don't have to remember anything.

Weekly Time Sheet

DAY OF WEEK	MORNING		AFTERNOON		OVERTIME		FOR OFFICE USE ONLY	
	IN	OUT	IN	OUT	IN	OUT	TOTAL HOURS	REMARKS
MONDAY								
TUESDAY								
WEDNESDAY								
THURSDAY								
FRIDAY								
SATURDAY								
SUNDAY								
TOTAL HOURS								

The Plumber

Plumber (The Royalty of all Trades) dies in a car accident on his 50th birthday and finds himself at the Pearly Gates. A brass band is playing, the angels are singing a beautiful hymn, there is a huge crowd cheering and shouting his name, and absolutely everyone wants to shake his hand.

Just when he thinks things can't possibly get any better, Saint Peter himself runs over, apologizes for not greeting him personally at the Pearly Gates, shakes his hand, and says, "Congratulations son, we've been waiting a long time for you."

"Totally confused and a little embarrassed, the plumber sheepishly looks at Saint Peter and says "Saint Peter, I tried to lead a God-fearing life, I loved my family, I tried to obey the 10 Commandments, but congratulations for what? I honestly don't remember doing anything special when I was alive. Is it because I'm a plumber?" "Congratulations for what?" says Saint Peter, totally amazed at the man's modesty. "We're celebrating the fact that you lived to be 160 years old! God himself wants to see you!"

The plumber is awestruck and can only look at Saint Peter with his mouth wide open. When he regains his power of speech, he looks up at Saint Peter and says "Saint Peter, I lived my life in the eternal hope that when I died I would be judged by God and be found to be worthy, but I only lived to be fifty."

"That's simply impossible son," says Saint Peter, "We've added up all your time sheets."

Contributed by Doug Walker...

Oysters



Paddy was a youthful and hardworking Irishman at a Coastal village in Ireland.

Daily he would pole a heavy old punt out to sea then work a heavy iron grapple to bring up the sand oysters which he sold to the local ice works. He was a man of regular habits he always arrived home each day at a certain time.

Sadly, Paddy did not realise the heavy grappling was taking a toll on a faulty heart.

One day he failed to come home, so his wife contacted the Police to investigate him being missing.

They rowed out and found Paddy dead in the punt; beside him a huge grapple full of oysters he'd tried to hoist aboard.

Headlines next day in the 'Irish Times Newspaper' said...

"Oysters Kilpatrick!"

Cell phone Etiquette



After a tiring day, a commuter settled down in his seat and closed his eyes.

The young woman sitting next to him pulled out her cell phone and started talking in a loud voice:

"Hi sweetheart. It's Sue. I'm on the train".

"Yes, I know it's the six thirty and not the four thirty, but I had a long meeting."

"No, honey, not with that Kevin from the accounting office. It was with the boss."

"No sweetheart, you're the only one in my life. Yes, I'm sure, cross my heart!"

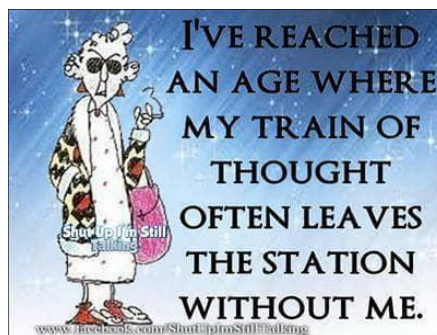
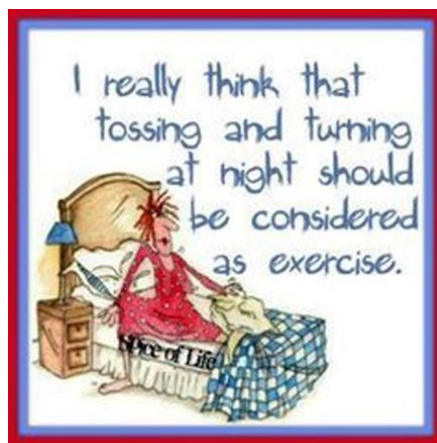
Fifteen minutes later, she was still talking loudly. When the man sitting next to her had enough, he leaned over and said into the phone, "Sue, hang up the phone and come back to bed."

Sue doesn't use her cell phone in public any longer.

Contributed by Wendy Purdie...



Why retirees are always so happy



Contributed by Allan Rudd...

Sometimes It's Just Not Your Day



Good News and Bad News

A New York attorney representing a wealthy art collector called his client. He says, "John, I have some good news and some bad news." The art collector replied, "I've had an awful day; let's hear the good news first." The attorney said, "Well, I met with your wife today, and she informed me that she invested \$5,000 in two pictures that she thinks will bring a minimum of \$15-20 million. I think she could be right." John replied enthusiastically, "Well done! My wife is a brilliant businessperson! You've just made my day. Now that I know that, I can handle the bad news, you mind telling me what it is?" The attorney replied, *"The pictures are of you and your secretary."*

It's All About Timing

Three Russian men are talking in the Gulag. One of them asks the two others: "So what did you do?" The first one answers: "Well, I arrived late at the factory, and so they accused me of slowing down the Revolution and the victory of the Proletariat." The second one answers: "Well, I arrived early at the factory, and so they accused me of wanting to be favoured and promoted over my fellow workers." Then they turn to the one who asked the question: "How about you, then?" *"Well, I arrived at the factory right on time, and so they accused me of having a watch from the West."*

Flat Tyre Furphy

Four students are on a road trip, and when they come back, they find out there is a test the very next day. They completely forgot about their test, and they hadn't studied at all, so they decided to miss the final and ask for a chance to take it on another date. They told the professor that they got stuck on the way back to school with a flat tire and therefore could not make it back on time to take the test. The professor agrees to let them take the test the next day and they go home excited to be given the night to study before taking it. The next day the professor seats each of them in a separate room and places a sheet of paper in front of them which read:

This test is scored out of 100 points.

Q1. Please write your name. (1 point)

Q2. Which tire had the flat? (99 points)

Contributed by Allan Rudd...



Irish Mirror

After living in the remote countryside of Ireland all his life, an old Irishman decided it was time to visit Dublin.

In one of the stores, he picked up a mirror and looked into it. Not ever having seen a mirror before, he remarked at the image staring back at him. 'How 'bout that! he exclaimed, 'Here's a picture of my Fadder.'

He bought the mirror thinking it was a picture of his dad, but on the way home he remembered his wife didn't like his father, so he hung it in the shed, and every morning before leaving to go fishing, he would go there and look at it.

His wife began to get suspicious of his many trips to the shed. So, one day after her husband left, she went to the shed and found the mirror. As she looked into the glass, she fumed, 'So that's the ugly bitch he's been running around with.'



Brian was feeling down. He felt nobody cared about him so his friend Allan tried to cheer him up. Allan related the story of a bus driver he knew who owed a thousand euros on his mortgage and was about to lose his home. He felt no one cared about him so he drove right to the edge of the Cliffs of Moher, locked the doors and wondered if he had the nerve to drive right over. Just then a group of total strangers realised his plight and had a collection. In just a few moments they raised the thousand euros he needed to save his house. Brian was overcome at the thought of this kind gesture and felt inspired to carry on. Who were those people who would do so much to help that driver like that, he asked. The passengers on his bus said Allan.

Contributed by Doug Hughes...

Bar Room Philosophy

(Signs seen in bar rooms and elsewhere)



"Fighting for peace is like screwing for virginity!"

The Bayou, Baton Rouge, LA.

§

"No matter how good she looks, some other guy is sick and tired of putting up with her shit!"

Men's Room, Linda's Bar and Grill, Chapel Hill, NC.

§

"It's hard to make a comeback when you haven't been anywhere."

Written in the dust on the back of a bus, Wickenburg, AZ.

§

"Make love, not war. Hell, do both... GET MARRIED!"

Women's Restroom, The Filling Station, Bozeman, MT.

§

"If voting could really change things, it would be illegal."

Revolution Books, New York, New York.

§

"If pro is opposite of con, then what is the opposite of progress? Congress!"

Men's Restroom - House of Representatives, Washington, DC.

§

"Express Lane: Five beers or less."

Sign over one of the urinals, Ed Debevic's, Phoenix, AZ.

§

"You're too good for him...!"

Sign over mirror in Women's restroom, Ed Debevic's, Beverley Hills, CA.

§

"No wonder you always go home alone."

Sign over mirror in Men's restroom, Ed Debevic's, Beverley Hills, CA.

§

"A Woman's Rule of Thumb: If it has tyres or testicles, you're going to have trouble with it."

Women's Restroom, Dick's Last Resort, Dallas, TX.



I've started investing in stocks: beef, chicken, and vegetable... One day I hope to be a boullonnaire.

Did you know, if you boil your funny bone, you'll end up a laughingstock!



Contributed by Augie Gray...

You'll never outsmart a woman

A man calls home to his wife and says, "Honey, I have been asked to fly to Canada with my boss and several of his friends for fishing. We'll be gone for a long weekend.

This is a good opportunity for me to get that promotion I've been wanting so could you please pack enough clothes for a 3-day weekend. And, would you get out my rod and tackle box from the attic?

We're leaving at 4:30 pm from the office and I will swing by the house to pick my things up. Oh! And please pack my new navy-blue silk pajamas."

The wife thinks this sounds a bit odd, but, being the good wife, she does exactly what her husband asked.

Following the long weekend, he came home a little tired, but, otherwise, looking good. The wife welcomes him home and asks if he caught many fish. He says, 'Yes! Lots of Walleyes, some Bass, and a few Pike.

He continued, "But why didn't you pack my new blue silk pajamas like I asked you?" You'll love the answer. The wife replies, "I did, they're in your tackle box".

Never, never, never try to outsmart a woman!!!

Contributed by Mike Mabbitt...

An Obituary for Common Sense

(Printed in the London Times)



Today we mourn the passing of a beloved old friend, **Common Sense**, who has been with us for many years.

No one knows for sure how old he was, since his birth records were long ago lost in bureaucratic red tape. He will be remembered as having cultivated such valuable lessons as knowing:

- when to come in out of the rain,
- the early bird gets the worm,
- life isn't always fair, and
- maybe it was my fault.

Common Sense lived by simple, sound financial policies (don't spend more than you can earn) and reliable strategies (adults, not children, are in charge).

His health began to deteriorate rapidly when well-intentioned but overbearing regulations were set in place. Reports of a 6-year-old boy charged with sexual harassment for kissing a classmate; teens suspended from school for using mouthwash after lunch; and a teacher fired for reprimanding an unruly student, only worsened his condition.

Common Sense lost ground when parents attacked teachers for doing the job that they themselves had failed to do in disciplining their unruly children.

It declined even further when schools were required to get parental consent to administer sun lotion or an aspirin to a student; but could not inform parents when a student became pregnant and wanted to have an abortion.

Common Sense lost the will to live as the churches became businesses; and criminals received better treatment than their victims.

Common Sense took a beating when you couldn't defend yourself from a burglar in your own home and the burglar could sue you for assault.

Common Sense finally gave up the will to live, after a woman failed to realize that a steaming cup of coffee was hot. She spilled a little in her lap and was promptly awarded a huge settlement.

Common Sense was preceded in death,

- by his parents, **Truth and Trust**,
- by his wife, **Discretion**,
- by his daughter, **Responsibility**,
- and by his son, **Reason**.

He is survived by his 5 stepchildren;

- *I Know My Rights*,
- *I Want It Now*,
- *Someone Else is to Blame*,
- *I'm a Victim*,
- *and Pay me for Doing Nothing*.

Not many attended his funeral, because so few realized he was gone. If you still remember him, pass this on. If not, join the majority and do nothing.

THE MAMMY'S WARNING

There was a little boy climbing a high wall.
His mother called up to him and said,
"If you fall off that wall and break both
your legs, don't come running to me."
Hal Roach

www.irelandcalling.ie/hal-roach-jokes

AN IRISH MOTHER'S LETTER

Dear Son, just a few lines to let you know that I am still alive. I am writing this slowly because I know that you can't read very fast.

You won't know the house when you come home. We've moved. The new place is really nice. It even has a washing machine. I'm not sure it works so well though: last week I put a load in and pulled the chain and haven't seen them since.

Your father has got a lovely new job. He has 500 men under him. He cuts grass at the cemetery.

Your sister Mary had a baby this morning. I haven't found out yet if it's a boy or a girl, so I don't know if you're an aunt or an uncle.

I went to the doctors on Thursday and your father came with me. The doctor put a small tube in my mouth and told me not to talk for 10 minutes. Your father offered to buy it from him.

About that coat you wanted me to send you, your Uncle Stanley said it would be too heavy to send in the mail with the buttons on, so we cut them off and put them in the pockets.

We had a letter from the undertaker. He said if the last payment on your grandmother's plot wasn't paid in 7 days, up she comes.

Your loving Mother,
P.S. I was going to send you 5 pounds, but I had already sealed the envelope.

irelandcalling.ie Ireland Calling Facebook



Are you tempted?

DIRECTIONS...

A tourist asks Pat for directions,

"Excuse me, what's the
quickest way to Dublin?"

Pat says, "Are you on foot
or in the car?"

The tourist says "In the car."

Pat replies "That's the quickest!"

irelandcalling.ie



CHALLENGE

**ONLY A GENIUS CAN
SAY THESE FOUR WORDS,
FOUR TIMES REALLY FAST
WITHOUT GETTING
TONGUE TWISTED.**

EYE, YAM, STEW, PEED

**Mary sent her husband a
text on a cold winter
evening:
"Windows frozen".**

Keep Calm And Oh Feck It Enjoy Some Craic

**Paddy text back:
"Pour some warm water
over them".**

**Some time later Paddy
receives an answer
from his wife...**

**"The computer is
completely fucked
now".**

Fed up to the Teeth

'That's my lot,' said McCarthy leaving the dentist's. 'I've just had all my teeth out - never again!'

Ready and Waiting

O'Callaghan was getting irate and shouted upstairs to his wife, 'Hurry up or we'll be late.'
'Oh, be quiet,' replied his wife. 'Haven't I been telling you for the last hour that I'll be ready in a minute?'

GEM QUALITY CABOCHONS FOR SALE

90+ different varieties

Suitable for jewellery makers or collectors

Agate	Fossil Coral	Obsidian (Snowflake)	Rhodonite
Amazonite	Gel Chrysocolla	Obsidian (Flower)	Rolling Hills Dolomite
Amethyst	Hungarian Agate	Obsidian (Spiderweb)	Rosetta Lace Agate
Ammonite	K2	Ocean Jasper	Ruby in Matrix
Apache Gold	Labradorite	Orthoceras	Ruby in Zoisite
Aquamarine	Lapis Lazuli	Owyhee Blue Opal	Scolecite (pink)
Asteroid Jasper	Larimar	Parral Dendrite Agate	Septarian Nodule
Azurite	Larvikite	Peanut Wood	Seraphinite
Bloodstone	Lepidolite	Peruvian Blue Opal	Solar Quartz
Blue Lace Agate	Malachite	Peruvian Pink Opal	Sonora Dendritic Opal
Botswana Agate	Maligano Jasper	Petrified Palm	Spiderweb Jasper
Brecciated Jasper	Marcasite	Petrified Palm Root	Stromatolite
Bronzite	Marcasite in Quartz	Picasso Jasper	Sunstone
Bumble Bee	Marcasite (Nipomo)	Pietersite	Thulite
Burma Jadeite	Maw Sit Sit	Pinolith	Tigereye
Blue Chalcedony	Moonstone	Polish Agate	Tigeriron
Charoite	Morado Opal	Polychrome Jasper	Turkish Stick Agate
Chrysocolla	Moroccan Seam Agate	Poppy Jasper	Turquoise
Covellite	Moss Agate	Prehnite	Turritella
Crazy Lace Agate	Noreena Jasper	Psilomelane (Dendritic)	Unakite
Dendritic Agate	Obsidian (Gold Sheen)	Pyrite Druzy	Verdite
Dendritic Opal	Obsidian (Silver Sheen)	Pyrite in Quartz	
Dinosaur 'Gembone'	Obsidian (Copper Sheen)	Rainforest Jasper	
Eudialyte	Obsidian (Mahogany)	Rhodochrosite	

Top quality stones at very reasonable prices

EFTPOS available

Viewing by appointment only (St. Agnes or T.T. Gully)

Contact - Augie Gray on 0433 571 887

Members' Noticeboard

Adelaide Gem & Mineral Show 2019

October 12th & 13th

Payneham Library Complex
Corner O.G. Road & Turner Street, Felixstow.

Saturday 10.00 am to 5.00 pm
Sunday 10.00 am to 4.00 pm

- Exhibits of gems, minerals, fossils, jewellery, lapidary machinery and more, most being for sale.
- Interstate and local dealers attending.
- Activity Centre open to adults and children.
- Canteen open for light meals, snacks & drinks.



Adults \$5.00
Pensioner/concession \$3.00
Children FREE under 12 with an adult

- If you would like to present a showcase for the show please contact the secretary.
- Raffle tickets for this year's show will be \$2 each with a total of 500 tickets.
- Raffle tickets will be available for sale at the show. Prizes TBA soon.

Southern Rockhounds

Dig it up, Clean it up, Cut it up & Polish it up



Please enquire about any event by using our contact page.
We will reply to all enquiries.



UP COMING EVENTS

Our next Gem Fair will be on:
First Full Weekend in November
10am till 5pm - Sat
and 10am till 4pm - Sun.
17 Gerald Crt, Christie Downs
SA

CONTACT
Stuart - 0407 726 841
Trevor - 0419 859 119



CLUBROOM & WORKSHOP
Hamlyn Rd
GLOSSOP SA 5344

**RIVERLAND GEM &
MINERAL CLUB**
SHOW & SALES
JANUARY 25th & 26th 2020
Loxton Lutheran School
Luther Rd Loxton
AIRCONDITIONED BASKETBALL STADIUM

Saturday 9:00 - 4:00pm Sunday 9:00 - 3:00pm

DEMONSTRATIONS

Wire Wrapping
Faceting
Cutting & Polishing Stone

Refreshments & Snacks Available

Admission: Adults \$6.00 Children Under 14 FREE

GOLD MINERALS OPAL
CRYSTALS JEWELLERY NOVELTIES
DISPLAYS GALORE

Email riverlandgemclub@yahoo.com.au

Find us on Facebook



[Click/tap on this hyperlink to access...](#)

Mineral boxes and flats for sale

Mineral box sizes

Sold in bundles of (10) or 100

3.5 x 3.3cm.....	(\$1.50)	\$12.00
4 x 4cm.....	(\$1.50)	\$13.00
5 x 5.2cm.....	(\$2.00)	\$15.00
6.2 x 7.5cm.....	(\$2.50)	\$18.00
7 x 7cm.....	(\$2.50)	\$19.00
7 x 9.5cm.....	(\$2.50)	\$20.00
8.5 x 9.5cm.....	(\$3.00)	\$22.00
9.5 x 9.5cm.....	(\$3.50)	\$23.00
13 x 9.5cm.....	(\$4.00)	\$25.00
13 x 12.5cm.....	(\$4.50)	\$30.00

Flats sizes

395 x 265 x 50mm.... \$2.50
400 x 270 x 75mm.... \$3.50 **NEW SIZE**
398 x 290 x 98mm\$4.00

Greg Vort-Ronald

0413796279 or luv2paint@iprimus.com.au

all boxes and flats are folded together, no staples required
(Prices subject to change)

For Sale Vinyl Records



45 - 33 - 78

Contact Mary Warner
on 8336 3706

Useful Internet Links

- 2019 Australian Gem & Mineral Calendar: [Click here...](#)
Adelaide Gem and Mineral Club: [Click here...](#)
AFLACA-GMCASA: [Click here...](#)
Australian Federation of Lapidary and Allied Crafts Association (AFLACA): [Click here...](#)
Australian Lapidary Club Directory: [Click here...](#)
Australian Lapidary Forum: [Click here...](#)
Broken Hill Mineral Club: [Click here...](#)
Enfield Gem and Mineral Club Inc: [Click here...](#)
Flinders Gem, Geology, and Mineral Club Inc: [Click here...](#)
Gem and Mineral Clubs Association of South Australia: [Click here...](#)
Gemcuts: [Click here...](#)
Lapidary World: [Click here...](#)
Metal Detectors - Garrett Australia: [Click here...](#)
Metal Detectors - Miners Den Adelaide: [Click here...](#)
Metal Detectors - Adelaide Agent for Garrett Australia: [Click here...](#)
Mineralogical Society of SA Inc: [Click here...](#)
Murraylands Gem and Mineral Club Inc: [Click here...](#)
NQ Explorers: [Click here...](#)
Prospecting Australia: [Click here...](#)
Southern Rockhounds: [Click here...](#)
Tea Tree Gully Gem and Mineral Club: [Click here...](#)
The Australian Mineral Collector: [Click here...](#)

Tea Tree Gully Gem and Mineral Club Incorporated, Old Tea Tree Gully School, Dowding Terrace, Tea Tree Gully, South Australia, 5091.