This issue was supposed to be the winter edition, however, things did not to plan and the end of the year has arrived. So, this is a bumper end of year edition, with two articles and reports on all of the field trips for the year.

Most of the field trips this year have been successful with plenty of new ground covered and some good finds occurring. We will continue to explore new areas while revisiting old favourite sites for the benefit of our new members. The proposed calendar for 2016 is included in this edition.

In 2016 we will hold the Rock-On again and this time we are bringing it into town with the venue being the Memorial Oval show grounds. The date is the long weekend in October and we ask all our members for support to make the show a success. If any of our members want an indoor site, you will need to let Jason McCarthur know so your space is reserved. Registration forms are up on the website and an advertising flyer is included in this edition.

This coming year at some of our monthly meetings we will hold a “Rock Swap”. Where members can bring in samples to trade (or sell) to other members. Here’s a chance to grab a bargain and offload some of your excess. The first one is in March, so check the calendar for which months these will be.

Our AGM for 2016 will be held at the clubroom on Monday the 1st of February, starting at 7:30 pm. This issue of the newsletter contains a membership renewal form and both the nomination for position and nomination of proxy forms for the AGM. Members are asked to please bring these completed forms to the meeting, especially those wanting to stand on the committee.

Until next time…

TD

DID YOU KNOW?
Garnets range in hardness from 6.5 - 7.5 on Mohs Scale. Harder garnets like almandine are mined for use as abrasives. Garnets from the deposits around Thackaringa were crushed and added to road paints to make it reflective and more wear resistant. The blue line on the roadway for the Marathon at the 2000 Sydney Olympics, contained finely crushed garnet from the Broken Hill district.
Garnets are a group of minerals that are relatively common in highly metamorphosed rocks and in some igneous formations. They form under the high temperatures and/or pressures and can be used by geologists as a gauge of how much temperature and pressure the rock has endured.

As a gemstone, garnets have had a mixed reputation. Garnets do possess high indices of refraction, are hard enough, have pretty colours, are wonderfully transparent, lack cleavage and are durable; thus making good candidates for gemstones. However, many people consider garnets to be inferior to other coloured gems probably due to the abundance and therefore low price.

Garnets are greatly variable in colours and varieties, though, and many of these are both rare and beautiful, producing genuinely precious gems. Some garnets are truly unique in the mineral kingdom and have much to offer as both gemstones and mineral specimens. Of course garnets are the January Birthstone.

The general formula for most of the garnets is $A_3B_2(SiO_4)_3$. The $A$ represents metals such as calcium, iron, magnesium and/or manganese. The $B$ represents metals such as aluminium, chromium, iron and/or manganese and in the rarer garnets; vanadium, titanium, zirconium and/or silicon.

The main differences in physical properties among the members of the garnet group are slight variations in colour, density and index of refraction. Garnets share the same crystal structure and thus similar crystal shapes and properties.

The most common crystal shape for garnets is the rhombic dodecahedron, a twelve sided crystal with diamond-shaped faces. This basic shape is the trademark of garnets, for no other crystal shape is so closely associated with a single mineral group like the rhombic dodecahedron is with garnets.

Most garnets are red in colour, leading to the erroneous belief that all garnets are red. In fact a few varieties, such as grossular, can have a wide range of colours, and uvarovite is always a bright green. As a mineral specimen, garnets usually have well shaped and complex crystals and their colour and lustre can make for a beautiful addition to any collection.

The Garnet Group is actually a larger group than most people know. Some of the more common garnet species are described as follows:

**Almandine** (Iron, Aluminium, Silicon, Oxygen) - are brittle and edges chip easily during faceting. Also valuable in industry as an abrasive.

**Andradite** (Calcium, Iron, Silicon, Oxygen, Titanium, Chromium) This group includes Topazolites (yellow) and Melanites (black). Most valuable is Demantoid which has a heightened green colour due to presence of chromium.

**Grossular** (Calcium, Aluminium, Silicon, Oxygen) includes Tsavorite and Hessonite.

**Pyrope** (Magnesium, Aluminium, Silicon, Oxygen), ‘Pyropos’- Greek for “fire eye” - traces of iron & chromium give them a deep blood red colour. It’s presence in certain rocks may indicate that Diamonds are nearby.

**SPESSARTINE** (Manganese, Aluminium, Silicone, Oxygen) – blood red to bright orange.

**Uvarovite** (Calcium, Silicon, Oxygen) green colour is due to chromium.

<table>
<thead>
<tr>
<th>Garnet Name</th>
<th>Metal</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almandine</td>
<td>Iron / Aluminium</td>
<td>Red, Reddish brown to brown</td>
</tr>
<tr>
<td>Andradite</td>
<td>Calcium / Iron</td>
<td>Brown, black or green</td>
</tr>
<tr>
<td>Grossular</td>
<td>Calcium / Aluminium</td>
<td>Colourless, orange and green</td>
</tr>
<tr>
<td>Pyrope</td>
<td>Magnesium / Aluminium</td>
<td>Dark red to ruby red</td>
</tr>
<tr>
<td>Spessartine</td>
<td>Manganese / Aluminium</td>
<td>Orange, red, pink and brown</td>
</tr>
<tr>
<td>Uvarovite</td>
<td>Calcium / Chromium</td>
<td>Green</td>
</tr>
</tbody>
</table>
GARNET LOCATIONS AROUND AUSTRALIA:

1. Broken Hill / Olary

Garnets of the Almandine variety are common in the Broken Hill district. While the metamorphic rocks are often studded with small garnets, the better known sites for well formed crystals are in the Thackaringa Hills, 30-40 km west of the city, along a zone known as the Thackaringa / Pinnacles Shear. Sites on Thackaringa Station include White’s Tank, 1km north of Barrier Highway, Ireland’s Garnet Mine, 1km south of the Highway, Bailey’s Tanks, near the Triple Chance Mine, and on the ridge next to the old Sillimanite Quarry. Most of the garnets from this area are not suitable for cutting as gems, as they are usually fractured, however size and shape are often very good. Almandine garnets were also mined at the Lady Margaret mine, on Mount George Station and at Staurolite Ridge, on Balaclava Station. Other locations occur in the Broken Hill district where almandines are found in pegmatite rocks, these occur near the tin fields on Poolamacca Station and in pegmatites on Limestone and Nine Mile Stations.

The manganese garnets - Spessartine, are found in association with the ore in the main line of lode. Some of the largest (up to cricket ball) came from the South Mine, while deep red and glassy spessartines came from the North Mine. The best occurred in contact with galena, where it provided a medium for large well formed crystals.

Andradite garnets occur in the Olary region, specifically in association with calc-silicate minerals - epidote and vesuvianite - in the Bimba Formation. This formation is found on Plumbago, Kalabity and Bimbowie Stations. The best crystals - mostly black “melanite” garnets - are found near Plumbago Homestead on Lookout Hill and Mindamereeka Hill.

CLOCKWISE FROM TOP:
A: Almandine garnet triple cluster with residual chlorite schist attached. Ireland’s Garnet Mine, Thackaringa Station. 13 x 9 cm.
B: Cluster of small glassy Almandines in biotite mica schist. From Whites Tank deposit, Thackaringa Station. 8 x 8 cm.
C: Cluster of dodecahedral Almandines in biotite mica schist. Lady Margaret Mine, Mount George Station. 12 x 7 cm
D: Glassy trapezohedral Almandine crystals. From the Lady Margaret Mine. 13 x 8 cm
E: Andradite garnets on orthoclase, from tan outcrop on the ridge at Mindamereeka Hill, Plumbago Station. FOV is 10 cm wide.
F: Large plate of spessartine garnets in galena and quartz. From the 25 level, North Mine. Overall sample is 16 cm wide.
2. South Australia:
Andradite is found at two notable locations. The first is near the town of Spalding, where a skarn deposit has yielded small green garnets. The other location is at Milendella, near Palmer on the western edge of the Mount Lofty Ranges, again in a skarn deposit, where black andradites occur with epidote and feldspar. This deposit is over 1km in strike and runs in a north-south direction over the hills.

3. Northern Territory - Harts Ranges:
Almandine garnets are found in the Western Harts Range. They occur as well formed glassy crystals up to golf ball size, many of which are facet quality. There are a number of locations marked on the fossickers maps, all within 6km from the Plenty Highway. Most occur as crystals and broken shards that have weathered out of mica schists.

Garnets are commonly associated with the rocks around the pegmatite / mica mines in the central section of the Harts Ranges. These are usually small, but can be gemmy and suitable to cut.

Large almandine garnets are also found in the Eastern Harts Range / Entia Valley within pegmatites. Grossular garnets are found in the same area associated with quartz and feldspar.

4. North Queensland:
Garnets are found in the schists that are prevalent throughout the Mount Isa / Cloncurry area. Small gem quality “mulberry” garnets have been found at Fullarton River.

At Mount Garnet, near Atherton, a skarn deposit has yielded some of the best green andradite garnets in Australia.

5. Western Australia - Yinnetharra:
Garnets occur in the ancient rocks of Western Australia. The better samples are found in the Yinnetharra area, near Nardo South. Here they occur as well formed small orange-red crystals in mica schist.

6. Tasmania:
The Kara Mine is famous for green-black andradite garnets and andradite is also found on King Island in the skarn that houses the Tungsten mine.

7. Victoria:
One of the best locations for well formed garnets is at Mount Lady Franklin, where crystals up to 5cm occur in granite.

A: Trapezohedral spessartines in chalcopyrite. From the Zinc Mine. 6 x 5 cm.
B: Single spessartine crystal. From the North Mine. Crystal is 4 cm across.
C: Andradite garnets from Milendella, South Australia. 9 x 5 cm.
D: Large Almandine garnets in pegmatite. Eastern Harts Ranges. (photo and sample - Patrick Gundersen)
E: Single almandine crystal. Western Harts Ranges. 4 x 4 cm.
F: Single grossular crystal. Eastern Harts Ranges. 5 x 5 cm.
G: Grossular in quartz. Eastern Harts Ranges. Largest crystal is 3cm across.
It is with sorrow that we farewelled our dear friend and Club Vice-President, Les Creswick, who passed away suddenly in December this Year.

Les grew up on the coast, but then followed his father, a police officer, around the state, where he finally settled in Broken Hill.

His father had an interest in minerals, accumulating a nice little collection and while Les showed some interest he did not follow suit. Unfortunately Les’ primary interest in minerals came too late and most of his father’s minerals had been sold off or given away, before he began his own collection.

Les worked for many years at the Broken Hill Post Office, where he made many friends and was well known to all of the Station Owners throughout the Broken Hill district. He often travelled to the outer stations delivering mail and checking roads and access. When he retired from the Post Office, he renewed an interest in minerals and started building up his collection. His connections from the post office enabled him to acquire a number of small collections from “past customers” and his collection became increasingly better. At our monthly meetings he would often turn up with a superb sample to show in the “mineral of the month”. When asked where they came from, he would joke “one of my old customers”.

Les was a great friend and a very generous man. He was devoted to Legacy and regularly helped with their fundraisers, usually seen turning sausages. His skill at the BBQ was well known and at our mineral club functions you would often see him with tongs in one hand and a beer in the other.

We offer our sympathy to Les’ wife Jeanette and his step-children, on their loss. He will be dearly missed.
FIELD TRIP REPORTS

March - Tikalina Station: Bonython Hill

In March, we ventured down to Tikalina Station and into one area that we have had success in the past few years. This time we investigated Bonython Hill in search of a magnetite deposit. After walking over the main part of the ridge, the deposit was not to be found. Apparently, good sharp crystals were to be found here however some old diggings were discovered but the samples were not up to the quality of the reports. We had lunch and headed over to an area where we could find some kyanite and staurolite. Large lumps of kyanite were found within 20 metres of where we parked the cars and small chocolate brown staurolites were scattered around the outcrop. On the way back we saved a lost and dehydrated lamb and brought it back to the station. Later it was returned to the rest of the flock and its mother.

May - Lady Margaret Mine

May was a very popular trip, with around 15 vehicles headed down to the Lady Margaret garnet mine. At this mine, though rehabilitated and backfilled, there were garnets ranging from small sharp grains to cricket ball sized lumps, scattered all over the ground. Slabs of black mica containing dozens of garnets were common through the backfill. By lunchtime everyone in attendance had found good samples for their collections and a small group headed south to examine the nearby ridges. A pod of epidote was found along with some sharp magnetite crystals. Plates of hematite were also found littering the bottom of one of the gullies. This location is worth a return visit as there is much more to be found at the mine and in the vicinity.

June - Kings Bluff

In June we headed to Olary and the Kings Bluff goldfield, in search of quartz crystals. It has been a few years since the club visited this site and there is still good samples to be found. A few members tried digging through the main dump and were rewarded with some larger crystals. One of the best finds was on the northern side of the Bluff, where very clear crystals were recovered in the scree from the old mine.

July - Byjerkerno Tin Fields

In July the field trip was changed due to no access, to a day up at the Byjerkerno Tin Fields. With only three people in attendance we ventured up Euriowie Gorge to the Huel Byjerkerno Mine. After a walk up the creek to scout out some pegmatite diggings we returned to the Huel Byjerkerno Mine and collected good samples of damourite mica and small pieces of cassiterite. On the way home we checked a few quartz reefs along the side of the Tibooburra road and found some small crystals, but nothing overly impressive.
FIELD TRIP REPORTS

August - MacDougall’s Well Amethyst Diggings

This trip was well attended and included some of our out-of-town members Phil Toland and Carol Kerslake, making their way up to the hill to come out with us. The day was great and a few good finds were made, including opening up a nice vein of pale purple amethyst. This trip is always a good day out and while the top notch finds are getting rarer, there is always plenty of small pieces to collect.

September - Kalabity Station: Kutchel Mine

This trip was an exploratory venture to find a forgotten deposit - the Kutchel Mine. It turned out that it was only small pit, however some small but nice sprays of beryl were recovered. After lunch we explored the Dome Rock Mine, just to make the day worth the distance of the outing, and some nice samples of chrysocolla were found.

October - Apollyon Valley

A great day this turned out to be with a very good attendance. While little was found as far as quality samples, the area was very scenic and all that went out - especially those who had never seen the valley - enjoyed the time in the area. We visited a number of old mines and some samples were collected, but the quality was not high and were mostly garden rocks.

November - Farmcote Station: Copper King Mine

This trip turned out to be a pleasant surprise, as some excellent malachite samples were collected from the Copper King Mine and other mines along strike. We also visited the Ironclad Mine and collected some interesting quartz crystals with epidote samples. This mine is worth a revisit and will go on the calendar for next year. After lunch we checked out the quartz reef behind the Rockwell Pub ruins and found some small crystals.

Top Left: Amethyst from the MacDougall’s Well field. 5 x 4 cm
Middle Left: Spray of beryl crystals to 6cm long, from the Kutchel Mine.
Bottom Left: Malachite from the Copper King Mine on Farmcote Station. 10 cm wide sample
Below: Lunch time in the Apollyon Valley.
THE LOST REEF OF GOLD

This story is an abridged and edited version of an article by Don Morris, first published in “Gold Gem and Treasure” magazine - December 2009. This story was relayed from the father of a personal friend of the author, who as a young man, worked on stations around Broken Hill and across to the Flinders Ranges.

This story originated at the Border Gate Hotel in Cockburn, on the NSW / South Australian border. It happened when the publican, Mr Arnold Waters had a surprise meeting with an old rabbit trapper in October, circa 1910.

Some distance out of Cockburn on the old Broken Hill to Cockburn track, after picking up supplies in Broken Hill, Mr Waters saw in the distance what appeared to be a swagge dressed in rags. He was staggering towards him, his arms stretched out pleading for him to stop. He was dehydrated, burnt and blistered by the sun and at the end of his tether when he picked him up. Mr Waters noticed that he had no horse and was all alone in the bush, so where had he come from?

He helped the old bloke up into the end of his wagon and onto his rough bed. Offered him a drink of water and then the old fellow fell asleep. Mr Waters continued on to Cockburn, which was a good hour away by horse, got in by nightfall and got the old man into a room to sleep. While he was helping him into a clean nightshirt, the swaggie furiously refused to take off his bulky money belt. He held onto it and would not be separated from it. It had something heavy in it, but what? Mr Waters had a pretty good idea. Later, when he got the old man’s confidence he put the belt into the hotel safe, but not before checking its contents. It contained gold, not fine gold or waterworn nuggets, but reef gold. When the old man was better, he asked about the gold.

His story started as follows: “I was camped out well into the desert, east of Sturts Meadows Station”...

He had had good luck rabbiting and filled his cart with skins. With the days getting warmer and his black boy complaining, he knew it was time to pack up his camp and get his old horse ready to move on. He checked his provisions and saw that he could use some more water. He sent his black boy out to get some more, but he returned after a day and a bit, he answered “None there, boss”. This irritated the old man, as he had wasted valuable time waiting on the boy to return. He thought, where was the nearest permanent water? The “rat-hole” tank at Thackaringa was his best bet, but he only had three days water left in his supply, for himself the boy and his horse, and the chances of reaching Thackaringa were decreasing by the day.

Needing time to think, he walked to a small ridge close by for a smoke. He sat down on a rocky outcrop and looked around the flat desert country. He noticed a collection of bones tucked into a recess further along the outcrop and went to investigate. He realised that they were human, and in among them was a cracked, pouching leather belt. He delicately removed the belt with his knife and as he lifted it up, small nuggets fell into his hands. Where had they come from? He recognised that it was reef gold, so he followed the ridge he was on and discovered a sparking white reef of quartz with speckled yellow gold, sitting there for the picking.

He decided not to tell the boy about the gold, however, he had already started to come over. When the boy saw the bones he didn’t like them at all. It was decided that they would pack and head off in the morning, so they settled down to sleep. The old man slept well, but the boy didn’t. He stealthily collected and packed food and water into a bundle and disappeared into the darkness.

When the old man woke and found what had been done, he realised he had only one chance and that was to head post haste to Thackaringa. He packed his horse and set off on his 80 or so mile journey south to Thackaringa.

He travelled on through the heat until his old mare couldn’t take it any more. On the third day, she stopped, dropped and refused to budge. He unharnessed her, gave her one last drink and let her be. He then took a long drink from his stores, packed the last provisions into a swag and headed due south, walking through the night to conserve water.

This was where his story finished and Mr Waters assured the old man that the story would not get out. However it did and many young lads went out to find the reef, and the old mans cart, but turned back from lack of water. The old man was determined that he would go back and peg a claim over the reef, however, he never did and died in the Silverton hospital, some time later, taking his secret with him.

The gold is somewhere east of Sturts Meadows Station. That is a very big area and the likelihood of finding the reef is slim. However there are a lot more tracks crossing the area today, than in the time of the old rabbiter.

There are some unanswered questions that arise in the story...

If he was east of Sturts Meadows, why did he head for Thackaringa and not Broken Hill? Could he have actually been west and on the edge of the Mundi Mundi plains, up around Mount Westward?

He headed south from his camp. Again, this would not head towards Thackaringa if starting east of Sturts Meadows. The direction would be west, across the Barrier Ranges then south along the escarpment.

He travelled for at least five days, three with the horse, which could allow for around an 80 mile trek. The pick-up position on the old track between Broken Hill and Cockburn would be near Mount George.

If he was 80 miles from Thackaringa and east of Sturts Meadows, then the position of the quartz reef is somewhere on the sand flats between Tirlta Station and Sturts Meadow homestead.
BROKEN HILL
GEM & MINERAL SHOW
“ROCK-ON” 2016

When: 30th Sept, 1st, 2nd Oct 2016
Where: Memorial Oval / Showground
Broken Hill NSW.

An invitation to all mineral, gemstone, or lapidary enthusiasts to come to Broken Hill in the Australian outback...

♦ To set up a stall, to buy, sell or trade minerals, gemstones and lapidary items.
♦ To see the sights of the historic Silver City and the surrounding district.
♦ To meet up with old mineral and gemstone collector friends or make new ones from clubs Australia and World wide.
♦ To go on organised mineral fossicking trips within the mineralogically diverse Broken Hill district.

Camping facilities are available on site (limited powered sites available). Caravan Parks, Motel / Hotel accommodation available in Broken Hill.

Contact the Broken Hill Mineral Club or visit our website for a registration form.
Postal Address: PO Box 747, Broken Hill, NSW 2880.
Website: http://brokenhillmineralclub.wikispaces.com

The Broken Hill Mineral Club Inc.
# BROKEN HILL MINERAL CLUB - 2016 CALENDAR

<table>
<thead>
<tr>
<th>MONTH</th>
<th>FIELD TRIP</th>
<th>MEETING</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>No Field Trip - Summer Holidays</td>
<td>AGM - Monday 1st - 7:30 pm</td>
</tr>
<tr>
<td>March</td>
<td>Mount George Station - Lady Margaret Mine</td>
<td>Monday 7th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 20th - 8:30 am. (100km round trip)</td>
<td>Rock Swap</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Adelaide Road Info Bay</td>
<td></td>
</tr>
<tr>
<td>April</td>
<td>Farmcote Station - Ironclad Mine</td>
<td>Monday 4th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 17th - 8:30 am. (60km round trip)</td>
<td>Mineral - Garnets</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Pick, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Menindee Road opposite Tandou Silos</td>
<td></td>
</tr>
<tr>
<td>May</td>
<td>McDougall’s Well Station - Amethyst Diggings</td>
<td>Monday 2nd - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 15th - 8:00 am. (200km round trip)</td>
<td>Guest Speaker</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Tibooburra Road opposite Riffle Range</td>
<td></td>
</tr>
<tr>
<td>June</td>
<td>Balaclava Station - Staurolite Ridge Mine</td>
<td>Monday 6th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 19th - 8:30 am. (60km round trip)</td>
<td>Mineral - Tourmalines</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Pinnacles Road Turnoff</td>
<td></td>
</tr>
<tr>
<td>July</td>
<td>Belmont Station - Ettlewood Mine</td>
<td>Monday 4th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 17th - 8:30 am. (80km round trip)</td>
<td>Rock Swap</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Corner Silverton Road and Brown Street</td>
<td></td>
</tr>
<tr>
<td>August</td>
<td>Tikalina Station - Winklers Prospect</td>
<td>Monday 1st - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 21st - 8:00 am. (220km round trip)</td>
<td>Mineral - Sulphides</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Sydney Road Info Bay</td>
<td></td>
</tr>
<tr>
<td>September</td>
<td>No Field Trip - Due to preparation for Rock-On Show</td>
<td>Monday 5th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Guest Speaker</td>
</tr>
<tr>
<td>October</td>
<td>Rock-On 2016 - Gem and Mineral Show</td>
<td>Monday 10th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Broken Hill Showground / Memorial Oval</td>
<td>(postponed 1 week due to Rock-On)</td>
</tr>
<tr>
<td></td>
<td>Friday 30th Sept, Saturday 1st and Sunday 2nd Oct Field Trips to follow the Weekend</td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>Silverton - Umberumberka Mines / Silverton Common</td>
<td>Monday 7th - 7:30 pm</td>
</tr>
<tr>
<td></td>
<td>Sunday 20th - 8:30 am. (80km round trip)</td>
<td>Rock Swap</td>
</tr>
<tr>
<td></td>
<td>Bring Hammers, Chisels, Carry Bags, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meet – Corner Silverton Road and Brown Street</td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>No Field Trip - Christmas Holidays</td>
<td>End Of Year Christmas Party</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monday 5th - 6:00 pm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mineral - Find of the Year</td>
</tr>
</tbody>
</table>

**PLEASE NOTE:** These field trips are tentative – pending final negotiations with land / lease holders.
MEMBERSHIP RENEWAL 2016

TO THE TREASURER:

Please find enclosed my 2016 subscriptions for membership to the BROKEN HILL MINERAL CLUB INC.

NAME: ________________________________________________________________

ADDITIONAL NAMES (FOR FAMILY MEMBERSHIP):

______________________________________________________________

______________________________________________________________

ADDRESS: __________________________________________________________

______________________________________________________________

POSTAL ADDRESS (IF DIFFERENT FROM ABOVE):

______________________________________________________________

______________________________________________________________

PHONE:

Home: _______________________ Work: _________________________

Mobile: _______________________

EMAIL: _______________________

☐ Full Membership $25.00

☐ Associate Membership * $15.00

☐ Junior Membership (10-18 years) $5.00

☐ Family Membership $40.00

* Only residents outside of the Broken Hill district may apply for Associate membership.

☐ Enamelled Club Membership Badge – with blue background yellow writing and cerussite motif – @ $ 2.00 each

Quantity (please circle) 1 2 3 4 5

Committee Use Only

Receipt Number: _________________________________

Date Received: _________________________________

Records Updated: _______________________________

Signed

Treasurer

Secretary
COMMITTEE OF MANAGEMENT NOMINATION FORM

I ....................................................................................................................
(Full name of applicant)

Of
....................................................................................................................
(Address)

Being a member of the Broken Hill Mineral Club Inc.

Hereby nominate:
....................................................................................................................
(Full name of nominee)

For the position of: Tick as appropriate

President .................................................................
Vice President ..........................................................
Treasurer .................................................................
Secretary .................................................................
Public Officer .........................................................
Ordinary Member (3 positions available) ............

Seconded by:
....................................................................................................................
(Full name of seconder)

Signature of proposer ......................................................................................

Signature of seconder ....................................................................................

I hereby consent the above nomination ..........................................................
(Signature of nominee)

NOTE: A committee nomination can only be given by persons who are a member of the Broken Hill Mineral Club Inc.
ANNUAL GENERAL MEETING, MONDAY 1st FEBRUARY 2016

PROXY FORM

I ........................................................................................................................................................
(Full name of applicant)

Of ........................................................................................................................................................
(Address)

Being a member of the Broken Hill Mineral Club Inc.

Hereby appoint ....................................................................................................................................
(Full name of proxy)

Of ........................................................................................................................................................
(Address)

Being a member of that incorporated association, as my proxy to vote for me on my behalf at the
annual general meeting to be held on the 1st February 2016 and at any adjournment of that
meeting.

........................................................................................................................................................
(Signature of member giving proxy)

........................................................................................................................................................
(Signature of member appointed proxy)

......................................................................................
(Date)

NOTE: A proxy vote may not be given to a person who is not a member of the Broken Hill
Mineral Club Inc.