

GEMBOREE® 2015

ALL ROADS LEAD TO
**HORSHAM
VICTORIA**



*Conducted under the auspices of A.F.L.A.C.A. Inc
at the Wimmera Events Centre
Longerenong Rd, Doon via Horsham
April 3rd to 6th 2015*



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Gemmological Association of Australia

We are passionately educating the industry and consumers about gemstones



It's with great pleasure that Horsham Rural City Council welcomes all exhibitors and visitors to the 2015 GEMBOREE National Gem and Mineral Show.

Our community acknowledges the importance of this special occasion, with Lapidary clubs and members from across Australia exceeding 20,000 people. It is a great privilege to be chosen as your host.

We wish to congratulate our local and very dynamic Horsham Lapidary Club, and the Victorian Gem Clubs Association for bringing this popular event to Horsham and the Wimmera region. These groups have put in an incredible amount of work to ensure a spectacular display of gems, minerals and jewellery, and have gone to great lengths to make the GEMBOREE a memorable experience for all.

With a population of 20,000, Horsham Rural City provides a high level of retail, business, financial, health, education and government services to the region. Our facilities and services are first class and we hope that they will make your stay with us a happy, safe and enjoyable experience.

Horsham is the ideal base to explore the regions natural features, including our rivers, lakes, Mt Arapiles and the Wartook Valley.

Wishing you all a very successful event.

Mayor
Horsham Rural City Council



Horsham Rural City
Council urban rural balance

Beginnings

Horsham Victoria



Horsham, with a population of 20,000 plus the surrounding farming districts, is the unofficial Capital of the Wimmera.

The region was discovered and named by Major Thomas Mitchell, Surveyor General of N.S.W. in 1836 when he passed through on his way to Portland.

In 1842 James Monckton Darlot became the first squatter in the area, obtaining leases on both sides of the Wimmera River, naming his 102,000 acre run "Brighton". The squatting era had begun with the Wilson Bros., Taylor and McPherson, Splatt and Pynsent, Carter and sons, to name only a few who took out leases on large holdings in the Wimmera, bringing with them workers and their families.

A request from Polkemet Station in 1845 for Police protection following attacks from Aborigines resulted in a Police Corp being dispatched from Melbourne with Police Constable Thomas Halfpenny and one other constable positioning their hut and Watch House near the river at the south end of today's Darlot Street, on the junction of Darlot's runs – Brighton and Walmer. Darlot then named this small area "Horsham". The names 'Brighton' and 'Horsham' were towns associated with his life in England.

In 1849 Horsham was already a district centre when George Langlands was persuaded by J. M. Darlot, after a chance meeting in Melbourne, to come to this new village to open a store and Post Office to serve the growing population from the surrounding squatters run's. Soon there were Blacksmiths, Saddlers, Livery Stables, also the first Hotel in 1850, with wooden houses built for the workers and their families.

The Victorian Land Act of 1869 opened up the sheep runs to selectors. In the 1870's the Wimmera became the centre for land selection and farming and Horsham boomed with Stock Agents and Rural firms, Flour Mills and Foundries supporting the farming community. In 1879 the Railway reached Horsham, replacing the bullock wagons to transport supplies and deliver the wheat harvest to the nearest port.

**Darlot then named
this small area
"Horsham"**

Horsham was declared a town in 1932 with a population of 5000, and became a city in the centenary year of 1949 with a population of 6,500. Today it is a thriving city which has expanded and grown in recent years, being the commercial and cultural centre of the Wimmera.

Horsham Historical Society

Contacts

Meet the GEMBOREE Committee

Event Manager	Keith Billing 03 9437 1356 Mobile: 0413 435 899 Email: keithaesop@hotmail.com
GEMBOREE Secretary	Des McKiernan 158 Beacon Point Rd CLIFTON SPRINGS VIC 3222 Mobile: 0428 303 160 Email: dpmckiernan@bigpond.com
GEMBOREE Treasurer	Peter Day PO Box 642 RINGWOOD VIC 3134 Mobile: 0430 488 442 Email: mrpete@bigpond.net.au
Gem & Mineral Show Manager	Keith Billing 03 9437 1356 Mobile: 0413 435 899 Email: keithaesop@hotmail.com
Competition Manager	Peter Krake 03 5825 2778 Email: landpkrake@netspace.net.au
Camping & Traffic Management	Ray & Joy Medew 4 Kelleher St CHURCHILL VIC 3842 03 5122 1831 Mobile: 0400 105 461 Email: rjmedew@gmail.com
Gatehouse Co-ordinator	Gwen Dunstan Waverley Gem Club Ph. 03 9808 7510 Email: gwendunstan@gmail.com
Tailgating Co-ordinators	Joan Barrows / Shirley McMahon Albury Lapidary & Allied Crafts 02 6021 5043 Mobile: 0427 535 470
Fieldtrip Co-ordinator	Kathleen Brockett Mobile: 0417 032 408 Assistant: George Fadersen

GEMBOREE 2015

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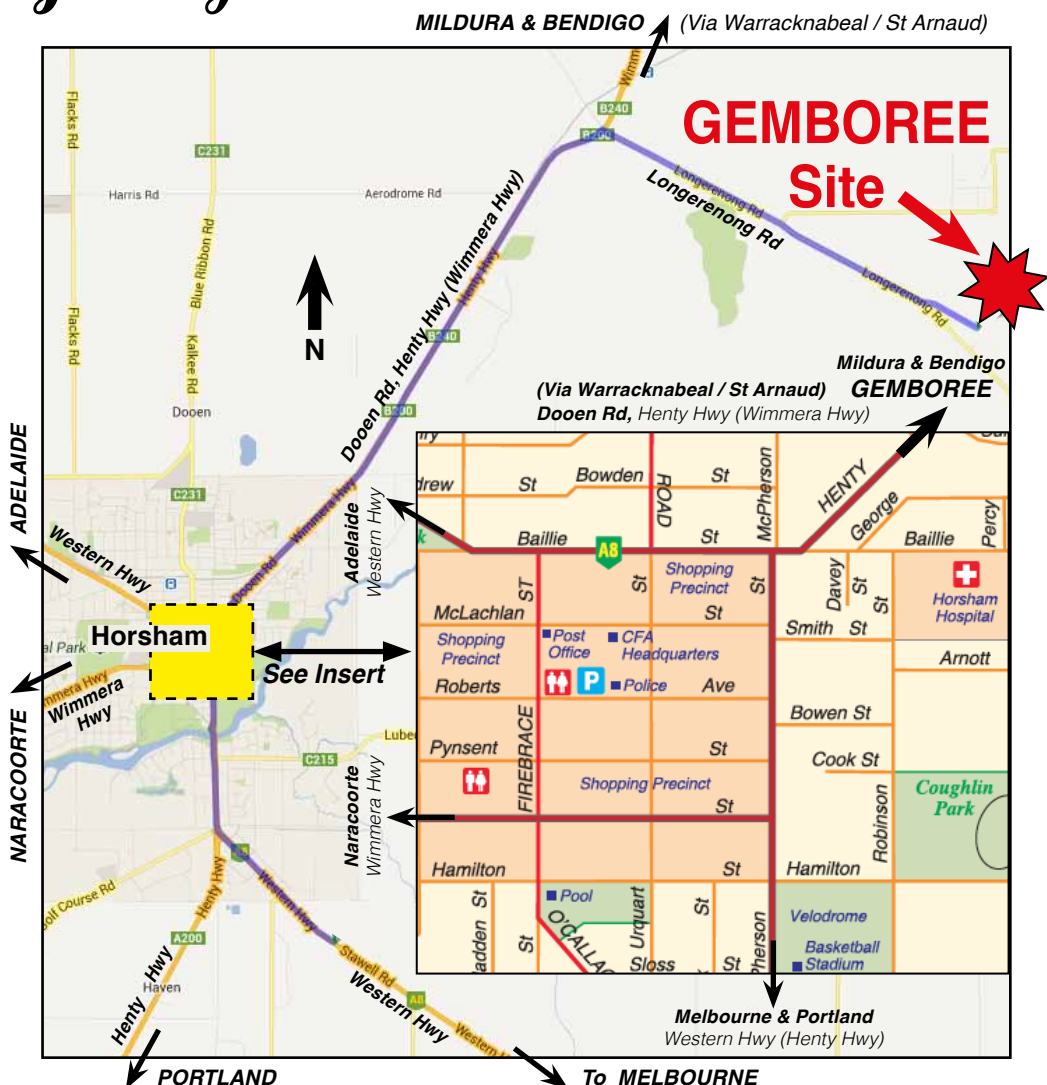
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www.victoriangemclubs.asn.au

GEMBOREE VENUES

1965	COONABARABRAN
1966	COONABARABRAN
1967	NUNDLE
1968	GUNDAGAI
1969	BEECHWORTH
1970	NUNDLE
1971	COLERAINE
1972	TANUNDA
1973	INVERELL
1974	NAMBOUR
1975	BROKEN HILL
1976	GUNNEDAH
1977	SHEPPARTON
1978	GYMPIE
1979	TANUNDA
1980	WANNEROO
1981	DEVONPORT
1982	GLEN INNES
1983	BROKEN HILL
1984	MT. ISA
1985	WANNEROO
1986	LOXTON
1987	SHEPPARTON
1988	CANBERRA
1989	DEVONPORT
1990	BUNDEBERG
1991	LOXTON
1992	MIDLAND
1993	ALICE SPRINGS
1994	BALLARAT
1995	GLEN INNES
1996	TOOWOOMBA
1997	LAUNCESTON
1998	GAWLER
1999	ROCKINGHAM
2000	BALLARAT
2001	WAGGA WAGGA
2002	ROCKHAMPTON
2003	GAWLER
2004	WARRAGUL
2005	BATHURST
2006	HOBART
2007	GATTON
2008	MURRAY BRIDGE
2009	HORSHAM
2010	DEVONPORT
2011	BATHURST
2012	BUNDEBERG
2013	MURRAY BRIDGE
2014	GATTON
2015	HORSHAM
2016	ULVERSTONE (Tas)
2017	NEW SOUTH WALES
2018	SOUTH AUSTRALIA

Getting there



Directions:

- From Melbourne**
1. Head **North** on **Western Hwy** to **Baillie St.** (Traffic Lights)
 2. Turn **Right** at **Henty Hwy.** (Dooen Rd) "Warracknabeal / St Arnaud" Turn off.
 3. Turn **Right** at **Longerenong Rd.** Distance **7.3 km**
 4. **Slight Left** turn at **Field Days Rd.** Distance **4.2 km**
 5. **GEMBOREE Site** (Wimmera Events Centre) **on Left.** Distance **700 metres**

- From Adelaide**
1. Head **East** on **Western Hwy** (Baillie St) to **McPherson St.** (Traffic Lights)
 2. Continue **Straight** on to **Henty Hwy.** (Dooen Rd) - Follow steps **3, 4, and 5** as above.

- From the North**
1. Head **South** on **Henty Hwy** (Wimmera Hwy) over **Railway Line** at **Dooen.** (Near Dooen Pub)
 2. Turn **Left** at **Longerenong Rd.** Distance **750 metres.** - Follow steps **4 and 5** as above.

Join us in Horsham, Victoria, at Easter 2015 for the

GEMBOREE®

The 51st National Gem & Mineral Show



3rd–6th April 2015
Wimmera Events Centre
Longerenong Rd, Dooen, via Horsham



Showcase Displays

1000+ National Competition Entries.
Vote in the Popular Choice category.

SHOW HOURS: Friday Noon–5pm Saturday & Sunday 9.30am–5.00pm
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Watch gem cutting & faceting, jewellery making, enameling, beading and more.
Gemstone identification.

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Discover what Horsham has to offer visitors at: www.visithorsham.com.au

For more information contact the Horsham & Grampians Visitor Information Centre on Freecall 1800 633218

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MOORALLA QUARTZ CRYSTALS

Mooralla quartz crystals are so named after the local district “Mooralla” in Victoria where they were found.

The area is now a designated fossicking reserve thanks to the work done by Horsham & District Lapidary Club in saving the area from being mined back in the 1980's and installing bush toilets for campers convenience.

The diggings are found on the south end of Rocklands reservoir in part of the Black Range crown land.. I am lead to believe that the crystals were first found by sleeper and timber cutters working in the area, finding them dug out by rabbits on their burrows.



Photo courtesy of Museum Victoria

The Mooralla deposit is unique in the world, the crystals were formed some 35 to 40 million years ago, in gas bubbles in a viscous lava called rhyolite. They are sort after by collectors for their unique form and high lustre. Some of the specimens found may be double terminated, sceptre, single, in clusters or in “geodes” which are sometimes described as miarolitic cavities. There have been reports of other lesser known occurrences of forms of quartz, including epimorphs being found.

The actual fossicking area seems to be confined to a reasonably small area and to be successful you will need to dig deep and carefully into the clay and decayed rhyolite to find crystals and or geodes, which may have quartz crystals of smoky, small clear, or pale amethyst crystals and occasionally banded agate, (a cryptocrystalline quartz) in them.

Access to the area is via a dirt bush track which can be quite rough particularly following wet weather. People wising to fossick at Mooralla are reminded to have a “**Victorian Miners Right**”. Fill your holes before leaving and be self sufficient as there are no facilities for camping other than toilets.

It is important to fill in all holes before leaving as there is concern that if this is not done there would be justification for yet another area being closed.

Toby Decker

Horsham & District Lapidary Club





Thank You

On behalf of the GEMBOREE Committee may I take this opportunity to thank people and organisations who have contributed so much to the staging of the 51st National GEMBOREE.

Our Sponsors:

Horsham Rural City Council for their ongoing sponsorship and support.
Victorian Gem Clubs Association Inc.
Horsham & District Lapidary Club Inc.
Gemmological Association of Australia.

Metal Detecting Competition:

Minelab Metal Detectors. www.minelab.com
Coiltek Manufacturing, Salisbury, SA.
Victorian Gem Clubs Association Inc.

Our Committee:

GEMBOREE COMMITTEE MEMBERS, VGCA Committee Members, Horsham & District Lapidary Club Members, Competition Co-ordinator and Assistants, Camps and Traffic Management, our Publicity Team.

Our Volunteers:

MEMBER CLUBS who have volunteered to carry out their specific tasks at the event and those people who always step up when work needs to be carried out.

Our Article Writers:

Toby Decker, Horsham & District Lapidary Club - (*Mooralla Quartz Crystals*)
Alan Wood, Warnambool Gem Club - (*Mt Shadwell – Mortlake*)
Brian Mann, Horsham & District Lapidary Club - (*The Grampians Gem Group*)
History of Horsham, Historical Society of Horsham - (*Beginnings*)
Grant Pearson, Gemmological Association of Australia - (*Australites, Australian Tektites*)
Promotional DVD, Mark McKiernan
Front Cover & Booklet assembly, Peter Day

This has been an extensive project over a long period of time which has required much attention to detail and a great deal of forward planning.

**Thank you one and all for your work so far
and for what is yet to be achieved.**

Des McKiernan
GEMBOREE Secretary.



Meetings and Program Highlights

MEETINGS:

AFLACA Committee Meeting	Friday 3rd	1.00 pm
Australian Facetors' Guild Meeting	Friday 3rd	5.30 pm
AFLACA Judging & Rules Meeting	Saturday 4th	1.00 pm
AFLACA Annual General Meeting	Sunday 5th	1.00 pm

HIGHLIGHTS:

GEMBOREE Princess / Prince Judging	Saturday 4th	10.00 am
Collection of Judging Sheets	Saturday 4th	3.00 pm
Trophy Awards Ceremony (With Wine & Cheese, and Entertainment)	Saturday 4th	7.00 pm
Free Sausage Sizzle	Sunday 5th	7.00 am
Easter Bonnet / Hat Competition Judging	Sunday 5th	8.00 am
Gem Show photography session	Sunday 5th	8.30 am
Ecumenical Church Service	Sunday 5th	9.00 am
More Entertainment ??	Sunday 5th	7.00 pm

Special Attractions

- ✓ The Amazing 'National Gem & Mineral Show'
- ✓ Fascinating Guest Speakers
- ✓ Exciting Kids Club Activities
- ✓ Tailgating Galore
- ✓ Spectacular Displays
- ✓ Superb Field Trips
- ✓ Fun Filled Fancy Dress Comp/Trivia/Music night (Sun)
- ✓ National Lapidary Competition with 1,000+ Entries
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- ✓ And So Much More to Enjoy! - Be There!!

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Know?**

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(6 Days)

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FUN
TIMES

at the

GEMBOREE 2015

Mt Shadwell - Mortlake

The Olivine Capital of Australia

About fifteen years ago, I wrote a story about fossicking for Olivine at Mt. Shadwell, Mortlake for Australian Gold Gem and Treasure Magazine. Nothing much has changed,

I still head north for the winter fossicking in the same spots I did 15 years ago and still love to come home to fossick in my back yard. The quarry has got a lot bigger in that time, and so has my collection of minerals from there.



The fossicking is just as easy as it was when I first started frequenting Mt. Shadwell many years ago, all you have to do is walk around and pick up a olivine bomb and give it a hit with a hammer; it beats digging a hole! The harder you have to hit a bomb the less likely that there will be something good inside. The good quality material seems to be in the bombs that break easily. I once said, that the ratio of bombs you have to break to get a good one was 100 to 1, but I might have to revise that to 500 to 1 as I've had complaints about that figure.

On our travels we are constantly told that the olivine from Mt. Shadwell is of poor quality or is too small, well, I can tell you that it is as good as any olivine found elsewhere without flaws and large pieces as well. I have found clean crystals up to 28 carats also some of the best colour and range of colour found anywhere. It is true that there are a lot of small and flawed stones but there is a good cutter to be found if you put the effort in.



The best place in the quarry to look for good olivine is in the northwest corner in the blackish areas of scoria. In the southwest corner is where I have found good gold colour olivine. There is more than olivine to be found in the quarry; there is a good range of other minerals to be found as well like anorthoclase, calcites, aegirine-orgite, ilminite, aragonite and many more.

If you do come to Mt. Shadwell, Mortlake to fossick you will need permission from the local Shire Office and sign a Disclaimer Form. Please remember that it is a working quarry and therefore potentially a dangerous place, so please take care and park well clear of the trucks and loaders.

Mortlake has a good caravan park with good facilities two hotels, several food outlets and a Service Station. Hope to see you there sometime.

Alan Wood.



**Have You
Booked for the HORSHAM
GEMBOREE yet?**

Be early and join in the fun!

(Booking Form on page 15)

For what to see and do in Horsham
www.visithorsham.com.au

Or Phone

Horsham and Grampians Visitor Information Centre
on Freecall 1800 633 218.

Official Insurance Brokers to **GEMBOREE 2015**

We are proud to be the official insurance broker for the GEMBOREE 2015 and continue to enjoy the support of most Australian gem & mineral clubs.

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GEMBOREE 2015 REGISTRATION FORM

MAIL TO: GEMBOREE 2015, C/- J Medew 4 Kelleher St CHURCHILL VIC 3842

(Please enclose stamped, self addressed envelope for return of receipt.)

NOTE: *Registration covers from noon Wednesday 1st April to noon Tuesday 7th April 2015. No refunds for cancellations after 1st February 2015, except in unusual circumstances. Earliest entry to Campsite is 12 noon Wednesday 1st April, Sites MUST be vacated by 12 noon Tuesday 7th April 2015. Pets are permitted, owners shall be responsible for their conduct. **GENERATORS ARE NOT PERMITTED***

VENUE ADDRESS: Wimmera Events Centre.
Longerenong Rd; via Horsham,
DOOEN; via Henty Hwy.

(Please Print Clearly)

Surname: **Given Names:**

Address:

Postcode: **Phone:** **Club:**

CAMPSITE ACCOMMODATION: *Be sure to indicate whether you have an annexe.*

CARAVANm X m ANNEXEm X m (YES/NO)

CAMPERm X m ANNEXEm X m (YES/NO)

TENTm X m

CLOSE TO TOILETS (YES/NO) DISABILITY (YES/NO)

ON-SITE FEES: *For 2 Adults & up to 4 Children (school age). Sites approx. 6m x 9m*

POWERED SITE \$120.00 \$

UNPOWERED SITE \$100.00 \$

EXTRA VEHICLE \$5.00 \$

EXTRA ADULTS No. @ \$25.00 \$

EXTRA CHILD (10-16yr) No. @ \$5.00 \$

Bus Sites are available by request.

Air Conditioners, Radiators, Electric Jugs, Frypans & Microwaves

ARE PERMITTED, BUT as with any caravan park, **DON'T HAVE TOO MANY ON AT ONCE.**

Caravanners, please fill your water tanks prior to arrival on site.

OFF-SITE FEES: *Per person for duration of GEMBOREE.*

ADULTS No. @ \$24.00 \$

CHILDREN (10-16yr) No. @ \$5.00 \$

SOUVENIRS:

GEMBOREE BADGES No. @ \$6.00 \$

TOTAL Enclosed *(Cheque/Money Order)* \$

Please make all cheques payable to: "Victorian Gem Clubs Association Inc. GEMBOREE Account"

VOLUNTARY ASSISTANCE AT GEMBOREE 2015



MAIL TO: GEMBOREE 2015, C/- J Medew 4 Kelleher St CHURCHILL VIC 3842
Or contact **GEMBOREE** Secretary, Des McKiernan on 0428 303 160.

To arrive no later than January 31st 2015.

Please offer some of your time to help make the GEMBOREE more enjoyable for everyone. Your help will be greatly appreciated. Please indicate below which areas, days and times you are willing to assist. The major areas in which we need help are:

- **CAMPSITE MARKING etc** - From Tuesday March 31st.
 - **CAMPSITE GATES** - From noon Wednesday, including overnight Wednesday & Thursday.
 - **EXHIBITION SETTING UP** - From Wednesday am.
 - **EXHIBITION DOORS** - From noon Friday to Monday closing.
 - **EXHIBITION HALL STEWARD** - During opening hours of the Show.
 - **EXHIBITION DISMANTLING.**
 - **CAMPSITE CLEAN-UP, TRESTLE LOADING etc.**
 - **OTHER ASSISTANCE** - Please specify.
- (Please Print Clearly)

NAME:

ADDRESS:

STATE: **POSTCODE:** **PHONE:**

Area(s) where you are offering to help:

.....
.....
.....

Times you are available, between Tuesday 31st March to Tuesday 7th April 2015:

.....
.....
.....

Emergency Numbers

Ambulance/Fire/Police Call 000 or Mobile 112

Ask for the service you need and wait to be connected. (24 hour service)

Hospital – Wimmera Health Care Group Ph. 03 5381 9111

Churches

St Johns Anglican Church

162 Baillie St (top of Firebrace St)
HORSHAM

Church of Christ

Cnr. Urquhart & Baillie Streets
HORSHAM

St Michael & St Johns Catholic church

Cnr Urquhart & McLachlan Streets
HORSHAM

Lutheran Church

Cnr McPherson & Baillie Streets
HORSHAM

St Andrews Uniting Church

Cnr Urquhart & Pynsent Streets
HORSHAM

The Salvation Army

Cnr Kalkee & Lynott Street
HORSHAM

Off Site Accommodation

For those people needing accommodation away from the Wimmera Events Centre site, a range of accommodation is available in and around Horsham Rural City.

Motels

Hotels

Caravan Parks & Cabins

Bed & Breakfasts

Apartment, Cabins, Cottages and houses

Host Farms

Backpackers

Longerenong College Dormitory Rooms (around 1km from Events Centre) **Ph. 03 5362 2222**

PLEASE NOTE:

This accommodation is separate from that available by using the “on-site” booking form.

For enquiries and bookings contact the **Horsham Visitor Information Centre**.
Free call 1800 633 218. Email: tourism@hrcc.vic.gov.au **or** www.visithorsham.com.au

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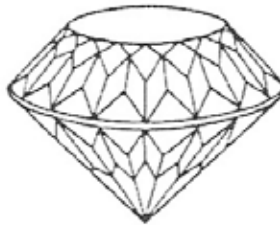
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2015 GEMBOREE COMPETITION SCHEDULE

GENERAL CONDITIONS:

All sections will be judged according to the rules and conditions of the "Competitor & Judging Manual for Lapidary & Allied Competitions", issue no. 7 dated April 2006, unless otherwise stated in this schedule.

This is a **LEVEL 4** Competition.

The Competition Committee may transfer an entry to its correct Section if they are of the opinion that it has obviously been entered in the wrong Section.

All inquiries **MUST** be directed to the Competition Co-ordinator, Peter Krake, phone (03) 5825 2778 OR e-mail: landpkrake@netspace.net.au OR posted to:

Competition Co-ordinator
P O Box 500
MOOROOPNA VIC 3629.

Entrants are responsible for insurance of their entries whilst in transit and in the possession of the GEMBOREE Committee.

Competition Section Abbreviations:

O = OPEN DIVISION
I = INTERMEDIATE DIVISION
N = NOVICE DIVISION
J = JUNIOR DIVISION
C = JUDGED AS CRAFTSMANSHIP
AA = JUDGED AS AESTHETIC APPEAL
SC = SPECIAL CONDITION

Entry Forms:

Entry Forms for ALL Sections **MUST** be received at PO Box 500 MOOROOPNA VIC 3629 by Saturday 31st January 2015, together with a flat fee of \$6.00 per Competitor, together with a stamped self-addressed envelope for return of receipt, and enough funds to cover cost of return Registered Post (if required). Receipt for Entry Form will be sent after receipt of posted entries. Entries on late Entry Forms will not be eligible for competition, they will be for display only.

Note:

Please make all cheques payable to: 'Victorian Gem Clubs Association Inc. GEMBOREE Account'.

Actual Entries:

Entries in Groups 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 18, 19, 20, 21, 23, 24, 25 and Sections 26A & 26B **MUST** be mailed to P.O. Box 500 MOOROOPNA VIC 3629 to arrive no later than Saturday 31st January 2015. Receipt for these entries and the Entry Form will be sent by mail upon receipt of the actual entries.

Late entries will not be eligible for competition, they will be for display only.

NOTE: All mail entries **MUST** be sent by Registered Post or Express Post.

Entries in Groups 16, 17, 27, 28, 29, 31, 32, 34, 37 & 99 and Section 26C **MUST** be delivered to the Competition Committee at the Gem Show Hall between 1.00pm and 5.00pm on Thursday 2nd April 2015. Receipt for these entries will be provided upon receipt of the actual entries.

To be eligible for competition, these entries MUST have their approximate dimensions, in mm, entered onto the entry form. Entries not set up by 6:00pm will not be eligible for competition, they will be for display only.

Return Of Entries:

Entries in Groups 16, 17, 27, 28, 29, 31, 32, 34, 37 & 99 and Section 26C **MUST** be picked up from the Gem Show Hall between 3.00pm and 5.00pm on Monday 6th April 2015. Receipt and proof of identity (where appropriate) must be given.

Entries in Groups 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 18, 19, 20, 21, 23, 24, 25 and Sections 26A & 26B **MAY** be collected from the Gem Show Hall between 5.00pm and 6.00pm on Monday 6th April 2015. Receipt and proof of identity (where appropriate) must be given.

Entries not collected as above will be returned by Registered mail by Friday 8th May 2015.

Entrants who are unable to provide their entries receipts WILL have to wait until ALL receipt holding Entrants have collected their entries first.

Judging Sheets:

MAY be collected from the Gem Show Hall between 3.00pm and 4.00pm Saturday 4th April 2015. Receipts and proof of identity (where appropriate) must be given. If not collected they will be returned with entries.

Awards & Trophies:

Medallions will be awarded and engraved as appropriate and will be displayed with the entry during the GEMBOREE.

Perpetual Trophies will be engraved with the winners' name and will be displayed during the GEMBOREE after which they will be retained by the GEMBOREE Committee. This saves entrants the expense of returning them to the next GEMBOREE Committee and also ensures that the Committee has them when next required.

The winner of each Perpetual Trophy will be presented with an appropriately engraved Keep Trophy during an Award Ceremony held during the GEMBOREE.

Annual Trophies will be engraved with the winners' name and will be presented during an Award Ceremony held during the GEMBOREE.

Trophies and medallions won by entrants not attending the GEMBOREE will be forwarded with their entries and judging sheets.

Overseas Entrants:

- Will be deemed to be "Open Division", except Juniors.
- Will not be charged an entry fee due to the high costs associated with currency exchange.
- Are advised to clearly label their packages "Lapidary Competition Entries to be Returned". It is also advisable to include a copy of the entry form in the package. Experience has shown that this minimizes possible Customs queries both in Australia and in the country of origin.

Don't Forget!
Please get your Entry Form in
NOW!

SPECIAL CONDITIONS:

'A' Standard Cabochons & Double Standard Cabochons **MUST** have a definite 'Oval Shape' to be Eligible in this Competition.

Unless otherwise specified in the schedule:

Any material may be used.

Minimum Size - 20mm on the longest dimension across the outline shape.

Maximum Size - 60mm on the longest dimension across the outline shape.

'B' Minimum Size - the dimension specified in the schedule is the diameter of a circular hole through which the 'Entry' must **NOT** be able to pass.

Maximum Size - 50mm in any direction.

'C' Minimum Size - 10mm on the longest dimension across the outline shape.

Maximum Size - 20mm on the longest dimension across the outline shape.

Shape - Any Shape - including round and oval.

'D' To be Eligible the Entry **MUST** accurately represent the design depicted on the supplied cutting diagram and comply with the material specifications.

To be Eligible, coloured stones **MUST** be obviously coloured while colourless stones **MUST** show no sign of colour - Entries will be checked by viewing through the culet when placed on a piece of white tissue.

'E' Magnification for Judging will be 'By Eye'.

'F' To be Eligible the Entry **MUST** be a Brooch, Pendant, Necklace or Bracelet.

Section O.18F may include the use of 'Beads' (*Lapidary Material*) to compliment the Lapidary Item/s. If 'Beads' are used, they must not dominate.

'G' Location - Entries are to be from Any Origin.

Minimum Size - 25mm on the longest dimension of any specimen, single or part of a group.

Maximum Size - 300mm on the longest dimension for any 'Single' or 'Group of Specimens'

Maximum Height - 100mm.

'H' Location - Unless otherwise specified, **ALL** Entries are to be from Australia.

Size - **ALL** Entries are to be Miniature or Cabinet Size.

'I' To be Eligible the Showcase **MUST** contain a majority of items that are of a nature suitable for this type of competition. The use of lacquer on lapidary items is **NOT** permitted.

Eligibility will be determined by the Competition Committee.

Eligible Showcases will be numbered, with the winner being decided by a public ballot held during the show.

COMPETITION SECTIONS:

GROUP 1 & 2: CABOCHON - SC 'A'

O.1A/C	Standard Cabochon - Specified Size 40mm x 30mm - NOT Agate
I.1A/C	Standard Cabochon - Ribbonstone
N.1A/C	Standard Cabochon
J.1A/C	Standard Cabochon
O.1A/AA	Standard Cabochon - Minimum Size 35mm on longest axis - Agate
I.1A/AA	Standard Cabochon
N.1A/AA	Standard Cabochon
O.1B/C	Fancy Cabochon - Minimum Size 35mm on longest dimension across outline shape - Obsidian
I.1B/C	Fancy Cabochon - Petrified Wood
N.1B/C	Fancy Cabochon
J.1B/C	Fancy Cabochon
O.1B/AA	Fancy Cabochon - Tiger's Eye - Any colour (<i>Tiger Iron <u>NOT</u> Accepted</i>)
I.1B/AA	Fancy Cabochon - Agate
N.1B/AA	Fancy Cabochon
J.1B/AA	Fancy Cabochon
O.2A/C	Double Standard Cabochon - Specified Size 40mm x 30mm - Agate
I.2A/C	Double Standard Cabochon
N.2A/C	Double Standard Cabochon
O.2B/C	Double Fancy Cabochon - Minimum Size 35mm on longest dimension across outline shape
O.2B/AA	Double Fancy Cabochon - Minimum Size 35mm on longest dimension across outline shape
I.2B/AA	Double Fancy Cabochon
N.2B/AA	Double Fancy Cabochon

GROUP 3: FREE FORM - SC 'B'

O.3/C	Solid Opal - 10mm
I.3/C	Banded Agate - 15mm
N.3/C	Banded Agate - 15mm
J.3.1/C	Any Material - 10mm
J.3.2/C	Solid Opal - 10mm
O.3/AA	Banded Agate - 25mm
I.3/AA	Any Material - 15mm
N.3/AA	Any Material - 15mm

GROUP 4: OPAL - SC 'C'

O.4B/C	Opal Doublet - Domed Top
N.4B/C	Opal Doublet - Domed Top

IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in the Competitor & Judging Manual No. 7 **AND** the Special Conditions on page 22 of this Schedule.

GROUP 5: CARVING - “Known Form” - Any Hardness

O.5A	Fully 3-Dimensional
I.5A	Fully 3-Dimensional
N.5A	Fully 3-Dimensional
J.5A	Fully 3-Dimensional (<i>MUST Be of a “Known Form”</i>)
O.5B	In Relief

GROUP 7: SPHERE

O.7A/AA	Sphere
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GROUP 8 to 11: FACET CUTS - SC ‘D’

O.8A	Standard Brilliant - Continuous Girdle - Specified Size 8mm - Natural Australian Amethyst
I.8A	Standard Brilliant - Continuous Girdle - Specified Size 8mm - Natural Australian Amethyst
N.8B	Standard Brilliant - Faceted Girdle - Coloured Cubic Zirconia
J.8B	Standard Brilliant - Faceted Girdle - Coloured Cubic Zirconia
O.9A	Standard Oblong Step Cut with Cut Corners - Specified Size 6mm x 9mm - Natural Australian Citrine
I.9A	Standard Oblong Step Cut with Cut Corners - Minimum Size 8mm x 12mm - Natural Australian Citrine
N.9B	Standard Square Step Cut with Cut Corners - Coloured Natural Quartz
J.9B	Standard Square Step Cut with Cut Corners - Coloured Natural Quartz
O.10.1	OMNI Shield - Coloured Topaz
O.10.2	Ultra-Brilliant Cushion - Coloured Man Made Corundum
I.10	Compear 1:1.40 - Colourless Topaz
N.10.1	Novice Cushion Triangle - Coloured Man Made Corundum
N.10.2	Brilliant Cushion - Colourless Topaz
O.11	Briolette - Minimum Size 8mm (<i>Across Girdle</i>) - Coloured Natural Quartz
I.11	Joker - Minimum Size 10mm - Coloured Man Made Spinel

IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in the Competitor & Judging Manual No. 7

AND the Special Conditions on page 22 of this Schedule.

GROUP 12: TUMBLED STONES - 15mm - SC 'B'

- O.12A Pre-Formed Shape - Set of 3 - Each to be a different species or variety
N.12A Pre-Formed Shape - Set of 3 - Any Material

GROUP 13: POLISHED FACE - FLAT SURFACE

- O.13/AA Agate
N.13/AA Any Material

GROUP 14: POLISHED FACE - CURVED SURFACE

- O.14/AA Any Material
N.14/AA Any Material

GROUP 16: GEM TREES - SC 'E'

- O.16 Group of Trees - minimum of two on one base
N.16 Single Tree

GROUP 17: NOVELTY GEMCRAFT - SC 'E'

- O.17 Novelty Gemcraft
N.17 Novelty Gemcraft

GROUP 18: HAND-FABRICATED AND WIRE WRAPPED JEWELLERY - SC 'F'

- O.18A NOT intended to include lapidary, fossil or mineral items
I.18A NOT intended to include lapidary, fossil or mineral items
N.18A NOT intended to include lapidary, fossil or mineral items
O.18B.1 WITH lapidary item/s cut and set by Entrant - Material - Solid Opal
O.18B.2 WITH lapidary item/s cut and set by Entrant - Material - NOT Opal
I.18B WITH lapidary item/s cut and set by Entrant
N.18B WITH lapidary item/s cut and set by Entrant
O.18C WITH natural fossil or mineral specimen/s set by Entrant
O.18E WITH lapidary, fossil or mineral item/s prepared and set by Entrant
I.18E WITH lapidary, fossil or mineral item/s prepared and set by Entrant
N.18E WITH lapidary, fossil or mineral item/s prepared and set by Entrant
J.18E WITH lapidary, fossil or mineral item/s prepared and set by Entrant
O.18F WITH commercial lapidary item/s set by Entrant

IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in the Competitor & Judging Manual No. 7

AND the Special Conditions on page 22 of this Schedule.

**GROUP 19: CAST JEWELLERY USING PATTERNS, MOULDS
AND DIES MADE BY THE ENTRANT - SC 'F'**

O.19A NOT intended to include lapidary, fossil or mineral item/s

**GROUP 20: CAST JEWELLERY USING NATURAL OBJECTS
AS PATTERNS - SC 'F'**

O.20A NOT intended to include lapidary, fossil or mineral item/s

N.20A NOT intended to include lapidary, fossil or mineral item/s

**GROUP 21: CAST JEWELLERY USING COMMERCIAL WAX MODELS
OR PATTERNS - SC 'F'**

O.21A NOT intended to include lapidary, fossil or mineral item/s

I.21A NOT intended to include lapidary, fossil or mineral item/s

N.21A NOT intended to include lapidary, fossil or mineral item/s

GROUP 23: COMBINED JEWELLERY - SC 'F'

O.23B WITH lapidary item/s cut and set by Entrant

GROUP 24: ENAMELLED JEWELLERY - SC 'F'

O.24A Enamelled Jewellery in Hand Fabricated Setting

**GROUP 25: COMMERCIAL MOUNT JEWELLERY WITH
LAPIDARY ITEM/S CUT AND SET BY ENTRANT**

O.25 Commercial Mount Jewellery

I.25 Commercial Mount Jewellery

N.25 Commercial Mount Jewellery

J.25 Commercial Mount Jewellery

GROUP 26: ENAMELLING - SC 'F' (Jewellery Only)

O.26A Enamelled Jewellery in Commercial Mount

O.26B Enamelled Jewellery Without Mount

N.26B Enamelled Jewellery Without Mount

O.26C Enamelled Non-Jewellery (*MUST Be Functional*)

N.26C Enamelled Non-Jewellery (*MUST Be Functional*)

GROUP 27: GENERAL METALCRAFT

O.27A NOT intended to include lapidary, fossil or mineral item/s

N.27A NOT intended to include lapidary, fossil or mineral item/s

GROUP 28: SHEET METALWORK

O.28A Bas Relief or Impressed Pattern

GROUP 29 to 31: SHOWCASES

- O.29B General - Lit
O.31 Novelty - Any Theme

GROUP 32: FOSSILS NON-DISPLAY - SC 'G'

- O.32A.1 Single Specimen - Vertebrate - NOT Tooth or Claw
O.32A.2 Single Specimen - Vertebrate - Tooth or Claw
N.32A Single Specimen - Any Type
J.32A Single Specimen - Any Type
O.32B Group of 3 - Mixed
N.32B Group of 3 - Any Type
J.32B Group of 3 - Any Type

GROUP 34: MINERALS NON-DISPLAY - SC 'H'

- O.34A.1 Single Crystal - Faceting Quality
O.34A.2 Single Specimen - Overseas
N.34A.1 Single Crystal - Other than Faceting Quality
N.34A.2 Single Specimen - Overseas
J.34A Single Crystal - Other than Faceting Quality
O.34B.1 Group of 3 Crystal Clusters
O.34B.2 Group of 3 Specimens - each to be a different species Overseas
O.34B.3 Group of 3 Specimens - Zeolites - each to be a different species
N.34B.1 Group of 3 Crystal Clusters
N.34B.2 Group of 3 Specimens - each to be a different species
J.34B Group of 2 Crystal Clusters

GROUP 37: MINERAL SHOWCASE - DISPLAY

- O.37B Lit
N.37B Lit

GROUP 99: POPULAR CHOICE SHOWCASE - SC 'I'

- 99 Popular Choice Showcase

IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in
the Competitor & Judging Manual No. 7

AND the Special Conditions on page 22 of this Schedule.

PERPETUAL TROPHIES and CONDITIONS:

PT-04 Ray Powell - CHAMPION CLUB

Club with highest aggregate members' points.

Points allocated to entries in each Section as follows:

20 points for highest scoring entry/entries.

15 points for the 2nd highest scoring entry/entries.

10 points for the 3rd highest scoring entry/entries.

5 points for the 4th highest scoring entry/entries.

Donor - Gem & Lapidary Council of NSW Inc.

ANNUAL TROPHIES and CONDITIONS:

PT-01 Tom Jenkins - OPEN - CHAMPION LAPIDARY

Entrant with the highest aggregate score of their best entry in each of the following 5 Open Sections:

O.1A/C Standard Cabochon

O.1B/C Fancy Cabochon

O.2B/C Double Fancy Cabochon

O.4B/C Opal Doublet

O.10.2 Ultra-Brilliant Cushion

Donor - Victorian Gem Clubs Association Inc.

PT-02 Harold Evans - INTERMEDIATE - CHAMPION LAPIDARY

Entrant with the highest aggregate score of their best entry in each of any 3 of the following 4 Intermediate Sections:

I.1A/C Standard Cabochon

I.3/AA Free Form

I.9A Standard Oblong Step Cut with Cut Corners

I.25 Commercial Mount Jewellery with Lapidary Item/s Cut & Set by Entrant

Donor - Victorian Gem Clubs Association Inc.

PT-03 Norm Patison - NOVICE - CHAMPION LAPIDARY

Entrant with the highest aggregate score of their best entry in each of any 4 of the following 5 Novice Sections:

N.1A/C Standard Cabochon

N.1B/C Fancy Cabochon

N.2A/C Double Standard Cabochon

N.8B Standard Brilliant - Faceted Girdle

N.25 Commercial Mount Jewellery with Lapidary Item/s Cut & Set by Entrant

Donor - P. Murphy & T. Annear via AFLACA Trophy Fund.

AT-01 Dorothy Caladine - JUNIOR - CHAMPION LAPIDARY

Entrant with the highest aggregate score of their best entry in each of a minimum of 3 of the following 5 Junior Sections:

J.1A/C	Standard Cabochon
J.1B/C	Fancy Cabochon
J.3.1/C	Free Form
J.3.2/C	Free Form - solid opal - minimum size 10mm
J.25	Commercial Mount Jewellery with Lapidary Item/s Cut & Set by Entrant

Donor - Rhonda Sabella

**AT-02 Kadesa Gems & Minerals - OPEN - HAND FABRICATED
JEWELLERY with NO LAPIDARY ITEMS**

Entrant with highest scoring entry in:

Section O.18A - Hand-Fabricated Jewellery NOT Intended to include Lapidary, Fossil or Mineral items.

Donor - Kadesa Gems & Minerals

AT-03 Dorothy Caladine - JUNIOR - CARVING

Entrant with highest scoring entry in:

Section J.5A - Carving - Fully 3-Dimensional 'Known Form' 'Any Hardness'.

Donor - Rhonda Sabella

AT-04 The Crystal Habit Trophy - BEST MINERAL OF THE SHOW

Donor selects winning entry from all minerals on display, whether in competition or not. Display specimens belonging to Dealers or Institutions are NOT eligible for this award.

Donor - Peter Beckwith

AT-05 Val Annear - OPEN - ENAMELLING - NON-JEWELLERY

Entrant with highest scoring entry in:

Section O.26C - Enamelling Non-Jewellery

Donor - Victorian Gem Clubs Association Inc.

In memory of Tony Annear.

**AT-06 John S. Ryding - OPEN - HAND MADE JEWELLERY with
NATURAL FOSSIL or MINERAL SPECIMEN/S**

Entrant with highest scoring entry in:

Section O.18C

Donor - Mrs. J. Ryding via AFLACA Trophy Fund.

- AT-07 Harry Miller** - OPEN - STANDARD CABOCHON/AA
 Entrant with highest scoring entry in:
 Section O.1A/AA - Standard Cabochon.
Donor - Mrs. D. Miller via AFLACA Trophy Fund.
- AT-08 Earth Stones** - BEST FOSSIL OF THE SHOW
 Donor selects winning entry from all fossils on display, whether
 in competition or not. Display specimens belonging to Dealers or
 Institutions are NOT eligible for this award.
Donor - Mr. Jon Mommers
- AT-09 George Lude** - OPEN - 3 AUSTRALIAN CRYSTAL CLUSTERS
 Entrant with highest scoring entry in:
 Section O.34B.1 - Minerals Non-Display - Group of Specimens.
 'Crystal Clusters' 'Australian'
Donor - Queensland Lapidary & Allied Craft Clubs Association, Inc.
- AT-10 Alex Amess** - OPEN - FACET CUT
 Entrant with highest scoring entry in:
 Section O.10.2 - Ultra-Brilliant Cushion
Donor - Victorian Gem Clubs Association Inc.
- AT-11 A & E Metal Merchants** - OPEN - HAND MADE JEWELLERY with
 LAPIDARY ITEM/S
 Entrant with highest scoring entry in:
 Section O.18B.2
Donor - A & E Metal Merchants
- AT-12 Jim Johnson** - NOVICE - CHAMPION MINERAL ENTRANT
 Entrant with the highest aggregate score of their best entry in each of a
 minimum of any 3 of the Novice Mineral Sections - including Showcase.
*Donor - Gem & Mineral Clubs Association of SA Inc.
 and others via AFLACA Trophy Fund.*
- AT-13 Broken Hill Centenary** - OPEN - CHAMPION MINERAL ENTRANT
 Entrant with the highest aggregate score of their best entry in each of
 a minimum of 3 Open Mineral Sections.
Donor - AFLACA
- AT-14 Ted Koller** - OPEN - SOLID OPAL CUT
 Entrant with highest scoring entry in:
 Section O.3/C - Free Form
Donor - Victorian Gem Clubs Association Inc.

AT-15 Dazlyn Gems - JUNIOR - STANDARD CABOCHON/C

Entrant with highest scoring entry in:
Section J.1A/C - Standard Cabochon
Donor - Dazlyn Gems

AT-16 Peter Collins - OPEN - CHAMPION FACETOR

Entrant with the highest aggregate score of their best entry in each of the following 3 Open Faceting Sections:

O.9A	Standard Oblong Step Cut with Cut Corners
O.10.1	OMNI Shield
O.11	Briolette

If tied, the Entrant with the highest points scoring entry will be the winner.
Donor - Australian Faceters' Guild Ltd.

AT-17 Arthur Roffey - OPEN - SHOWCASE GENERAL - LIT

Entrant with highest scoring entry in:
Section O.29B - Showcase General - Lit
Donor - Arthur Roffey

AT-18 Boris Novic - OPEN - DOUBLE STANDARD CABOCHON/C

Entrant with highest scoring entry in:
Section O.2A/C - Double Standard Cabochon
Donor - Gem & Lapidary Council of NSW Inc.

AT-19 Patrick C Murphy - JUNIOR - CHAMPION MINERAL ENTRANT

Junior entrant's highest aggregate score of their best entries in each of a minimum of 3 Mineral Sections, irrespective of Division - including Showcase.
Donor - Arthur Roffey

AT-20 Cyril Kovac - OPEN - MINERAL SHOWCASE - DISPLAY- LIT

Entrant with highest scoring entry in:
Section O.37B
Donor - Cyril Kovac of C K Minerals

AT-21 Brian Bown - OPEN - STANDARD CABOCHON/C

Entrant with highest scoring entry in:
Section O.1A/C - Standard Cabochon
Donor - Brian Bown

AT-22 Jack Bushby - NOVICE CHAMPION FACETOR

Entrant with the highest aggregate score of their best entry in each of the following 3 Novice Faceting Sections:

N.9B	Standard Square Step Cut with Cut Corners
N.10.1	Novice Cushion Triangle
N.10.2	Brilliant Cushion

If tied, the Entrant with the highest points scoring entry will be the winner.

Donor - Southern Rockhounds

AT-23 Dick Moppett - OPEN - STANDARD FACET CUTS

Entrant with the highest aggregate score of their best entry in each of the following 2 Open Faceting Sections:

O.8A	Standard Brilliant - Continuous Girdle
O.9A	Standard Oblong Step Cut with Cut Corners

Both cut from Specified Natural Australian Material

Donor - Gem & Lapidary Council of NSW Inc.

AT-24 Chas Totterdell - OPEN - HAND MADE JEWELLERY with OPAL

Entrant with highest scoring entry in:

Section O.18B.1

Donor - Gem & Lapidary Council of NSW Inc.

AT-25 The Lapidary Club of Victoria - OPEN - CARVING

Entrant with highest scoring entry in:

Section O.5A

Donor - Victorian Gem Clubs Association Inc.

AT-26 Gold Coast School of Wirecraft - WIRE WRAPPED JEWELLERY

Entrant with highest scoring entry in:

Section N.18E

Donor - Sir Paul Howard

ANNUAL TROPHIES (AT-27 & AT-28) and SPECIAL TROPHIES

Continued on next page!

IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in the Competitor & Judging Manual No. 7

AND the Special Conditions on page 22 of this Schedule.

AT-27 The Tony Annear OAM Memorial Trophy

Highest aggregate score of the Entrant's best entry in the following Sections: *(Regardless of Division/s Entered!)*

- Fancy Cabochon - Section 1B
- Free Form - Section 3
- Carving - Section 5A
- Modified Standard Cut - Section 10
- Faceting Fancy Cut - Section 11
- Tumbled Stones - Section 12A
- Polished Flat Face - Section 13
- Novelty Gemcraft - Section 17
- Hand Fabricated Jewellery with Lapidary item/s - Section 18B
- Mineral Group of 3 Specimens - Section 34B

Donor - AFLACA Trophy Fund.

AT-28 Queensland Gem Clubs Association - CAST JEWELLERY

Highest individual scoring entry in any of the Cast Jewellery Sections. *(Regardless of Division/s Entered!)*

- Cast Jewellery - Section 19A
- Cast Jewellery - Section 20A
- Cast Jewellery - Section 21A

Donor - Queensland Gem Clubs Association Inc.

SPECIAL TROPHIES and CONDITIONS:

ST-01 Senior Princess - GEMBOREE Senior Princess

Entrant Chosen and Crowned by GEMBOREE organisers.

Donor - Victorian Gem Clubs Association Inc.

ST-02 Junior Princess - GEMBOREE Junior Princess

Entrant Chosen and Crowned by GEMBOREE organisers.

Donor - Tasmanian Lapidary & Mineral Association Inc.

ST-03 Best Presented Trade Stand - BEST PRESENTED TRADE STAND

Commercial Dealer whose 'Stand' is judged 'Best Presented' by someone appointed by the Donor, OR GEMBOREE Committee.

Donor - Shepparton & District Gem Club Inc.

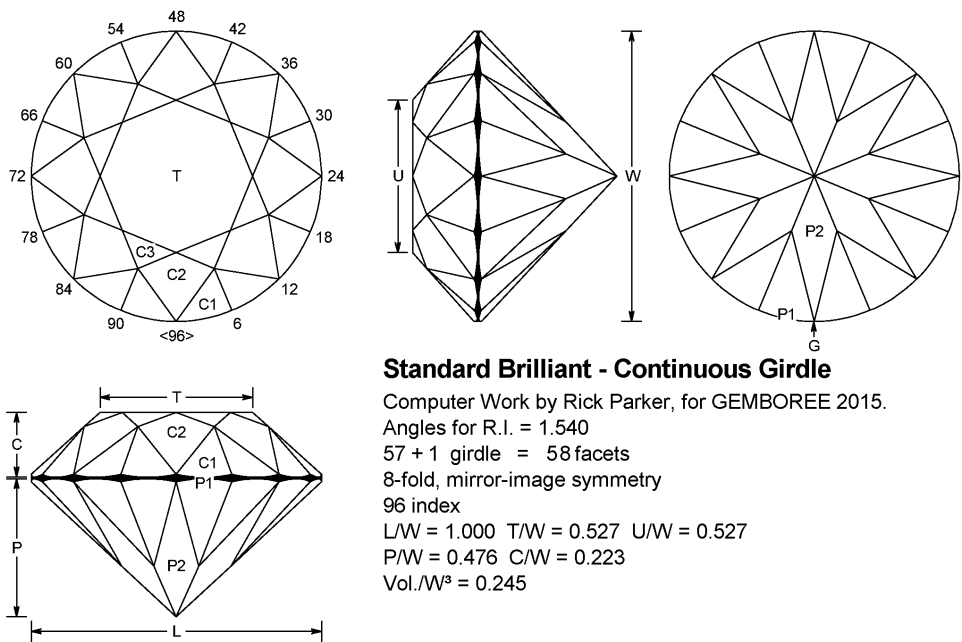
IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in the Competitor & Judging Manual No. 7

AND the Special Conditions on page 22 of this Schedule.

OPEN / INTERMEDIATE SECTIONS 0.8A & I.8A

Material: Natural Australian Amethyst
Specified Size: 8mm
Facets: 58
Meets: 41 (crown: 24, pavilion: 17)



Standard Brilliant - Continuous Girdle

Computer Work by Rick Parker, for GEMBOREE 2015.
Angles for R.I. = 1.540
57 + 1 girdle = 58 facets
8-fold, mirror-image symmetry
96 index
 $L/W = 1.000$ $T/W = 0.527$ $U/W = 0.527$
 $P/W = 0.476$ $C/W = 0.223$
 $Vol./W^3 = 0.245$

PAVILION

P1	45.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	TCP
G	90.00°		cut to size 'rolled girdle'
P2	43.00°	96-12-24-36-48-60-72-84	meet P1-P1 at girdle, PCP

CROWN

C1	47.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	set girdle width
C2	42.00°	96-12-24-36-48-60-72-84	meet C1-C1 at girdle
C3	26.00°	06-18-30-42-54-66-78-90	meet C2-C2-C1-C1
T	0.00°	Table	meet C3-C3-C2

All Roads Lead to

HORSHAM VICTORIA

GEMBOREE 2015

GEMBOREE 2015 GEMBOREE 2015 GEMBOREE 2015 GEMBOREE 2015 GEMBOREE 2015 GEMBOREE 2015

**See over for
Competition Entry Form.**

2015 GEMBOREE COMPETITION ENTRY FORM

Mail to: **Competition Co-ordinator**
P. O. Box 500
MOOROOPNA VIC 3629

NOTE: Prior to entering this competition, to ensure eligibility, Entrants SHOULD read the complete COMPETITION SCHEDULE.

(Please Print Clearly)

Name:

Address:

..... State: Postcode:

Phone: (.....) Mobile:

DOB (if Junior):/...../..... Under 16 on 31st January 2015

e-mail:

Club: (full name)

'PRE-JUDGED' ENTRIES

Section	#	Section	#	Section	#	Section	#	Section	#
O.1A/C		I.1A/C		N.1A/C		J.1A/C		O.1A/AA	
I.1A/AA		N.1A/AA		O.1B/C		I.1B/C		N.1B/C	
J.1B/C		O.1B/AA		I.1B/AA		N.1B/AA		J.1B/AA	
O.2A/C		I.2A/C		N.2A/C		O.2B/C		O.2B/AA	
I.2B/AA		N.2B/AA		O.3/C		I.3/C		N.3/C	
J.3.1/C		J.3.2/C		O.3/AA		I.3/AA		N.3/AA	
O.4B/C		N.4B/C		O.5A		I.5A		N.5A	
J.5A		O.5B		O.7A/AA		O.8A		I.8A	
N.8B		J.8B		O.9A		I.9A		N.9B	
J.9B		O.10.1		O.10.2		I.10		N.10.1	
N.10.2		O.11		I.11		O.12A		N.12A	
O.13/AA		N.13/AA		O.14/AA		N.14/AA		O.18A	
I.18A		N.18A		O.18B.1		O.18B.2		I.18B	
N.18B		O.18C		O.18E		I.18E		N.18E	
J.18E		O.18F		O.19A		O.20A		N.20A	
O.21A		I.21A		N.21A		O.23B		O.24A	
O.25		I.25		N.25		J.25		O.26A	
O.26B		N.26B							

Pre-Judged Entries:

Entries in the sections listed in the 'Pre-Judged' Entries table on the opposite page MUST be sent by 'Registered Post' or 'Express Post', preferably with this Entry Form. Entries MUST be received no later than Saturday 31st January 2015. Please write the number of entries (1 or 2) in the space to the right of the section name in the table opposite.

Judged at Show Entries:

Entries in the sections listed in the following table MUST be delivered to the Competition Committee at the Gem Show Hall.

Entries MUST be delivered between 1.00pm and 5.00pm on Thursday 2nd April 2015.

Entrant MUST write approximate dimensions for each section entry in the correct spaces to the right of the section name in the following table.

NOTE: Dimensions are to be of the **complete entry only** NOT of each part of an entry. Please record all measurements in millimetres (mm) only.

'JUDGED AT SHOW' ENTRIES

Section	Entry # 1			Entry # 2			Section	Entry # 1			Entry # 2		
	W	D	H	W	D	H		W	D	H	W	D	H
O.16							N.16						
O.17							N.17						
O.26C							N.26C						
O.27A							N.27A						
O.28A							O.29B						
O.31							O.32A.1						
O.32A.2							N.32A						
J.32A							O.32B						
N.32B							J.32B						
O.34A.1							O.34A.2						
N.34A.1							N.34A.2						
J.34A							O.34B.1						
O.34B.2							O.34B.3						
N.34B.1							N.34B.2						
J.34B							O.37B						
N.37B							99						

Total Number of Entries: Entry Fee (\$6 Flat Rate): \$ 6.00

Will Collect Entries: ☐ (Tick) 'OR' Return (Registered) Postage: \$00

Your Signature: Total Enclosed: \$00

Please make all cheques payable to: 'Victorian Gem Clubs Association Inc. GEMBOREE Account'.



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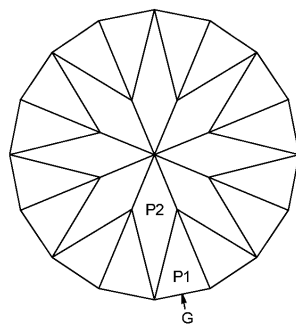
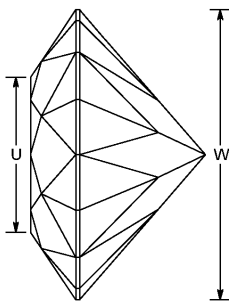
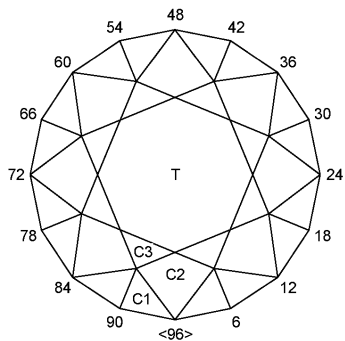
NOVICE / JUNIOR SECTIONS N.8B & J.8B

Material:

Coloured Cubic Zirconia

Facets: 73

Meets: 57 (crown: 32, pavilion: 25)



Standard Brilliant - Faceted Girdle

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 2.170

57 + 16 girdles = 73 facets

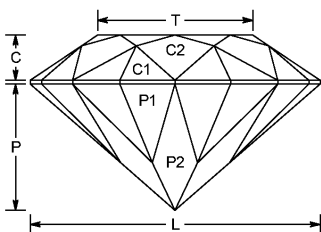
8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.536 U/W = 0.536

P/W = 0.435 C/W = 0.156

Vol./W³ = 0.200



PAVILION

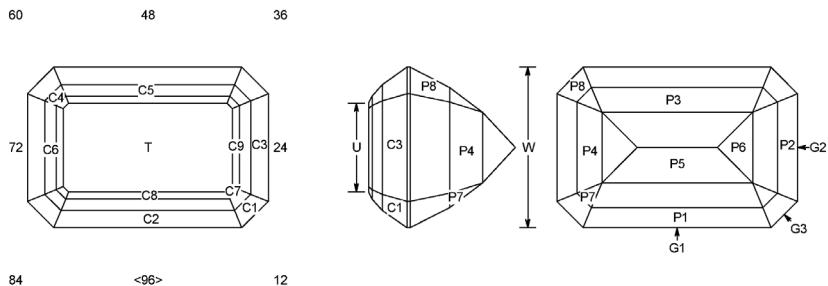
P1	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	TCP
G	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	set size
P2	41.00°	96-12-24-36-48-60-72-84	meet P1-P1 at girdle, PCP

CROWN

C1	39.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	set girdle width
C2	34.00°	96-12-24-36-48-60-72-84	meet C1-C1 at girdle
C3	20.00°	06-18-30-42-54-66-78-90	meet C1-C1-C2-C2
T	0.00°	Table	meet C2-C3-C3

OPEN SECTION 0.9A

Material: Natural Australian Citrine
 Specified Size: 6mm x 9mm
 Facets: 53
 Meets: 44 (crown: 24, pavilion: 20)



Standard Oblong Step Cut with Cut Corners

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

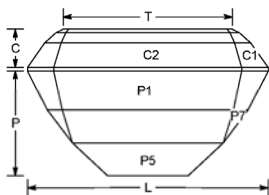
2-fold, mirror-image symmetry

96 index

$L/W = 1.500$ $T/W = 1.054$ $U/W = 0.554$

$P/W = 0.656$ $C/W = 0.240$

$Vol./W^3 = 0.744$



PAVILION

G1	90.00°	96-48	set width
G2	90.00°	24-72	set length
P1	63.00°	96-48	cut as required, size by eye, form girdle
P2	63.00°	24-72	level girdle
P3	53.00°	96-48	cut as required, size by eye
P4	53.00°	24-72	meet P1-P2-P3
P5	43.00°	96-48	cut as required, size by eye, form keel
P6	43.00°	24-72	meet P3-P4-P5
P7	53.00°	12-36-60-84	meet P3-P4-P5-P6
P8	63.00°	12-36-60-84	meet P1-P3-P7
G3	90.00°	12-36-60-84	level girdle

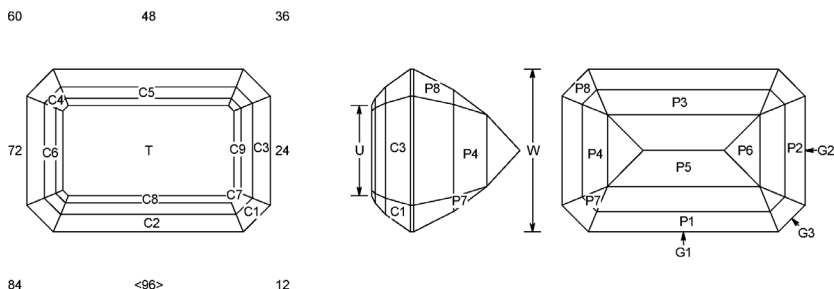
CROWN

C1	55.00°	12-36-60-84	set girdle width
C2	55.00°	96-48	level girdle
C3	55.00°	24-72	level girdle
C4	42.00°	12-36-60-84	cut as required, size by eye
C5	42.00°	96-48	meet C1-C2-C4
C6	42.00°	24-72	meet C1-C3-C4
C7	26.00°	12-36-60-84	cut as required, size by eye
C8	26.00°	96-48	meet C4-C5-C7
C9	26.00°	24-72	meet C4-C6-C7
T	0.00°	Table	cut as required, size by eye

Most of the proportions of this stone are achieved by cutting facets 'cut as required, size by eye'
 NOT by using a meetpoint sequence.

INTERMEDIATE SECTION I.9A

Material: Natural Australian Citrine
 Minimum Size: 8mm x 12mm
 Facets: 53
 Meets: 44 (crown: 24, pavilion: 20)



Standard Oblong Step Cut with Cut Corners

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.500$ $T/W = 1.054$ $U/W = 0.554$

$P/W = 0.656$ $C/W = 0.240$

$Vol./W^3 = 0.744$

PAVILION

G1	90.00°	96-48	set width
G2	90.00°	24-72	set length
P1	63.00°	96-48	cut as required, size by eye, form girdle
P2	63.00°	24-72	level girdle
P3	53.00°	96-48	cut as required, size by eye
P4	53.00°	24-72	meet P1-P2-P3
P5	43.00°	96-48	cut as required, size by eye, form keel
P6	43.00°	24-72	meet P3-P4-P5
P7	53.00°	12-36-60-84	meet P3-P4-P5-P6
P8	63.00°	12-36-60-84	meet P1-P3-P7
G3	90.00°	12-36-60-84	level girdle

CROWN

C1	55.00°	12-36-60-84	set girdle width
C2	55.00°	96-48	level girdle
C3	55.00°	24-72	level girdle
C4	42.00°	12-36-60-84	cut as required, size by eye
C5	42.00°	96-48	meet C1-C2-C4
C6	42.00°	24-72	meet C1-C3-C4
C7	26.00°	12-36-60-84	cut as required, size by eye
C8	26.00°	96-48	meet C4-C5-C7
C9	26.00°	24-72	meet C4-C6-C7
T	0.00°	Table	cut as required, size by eye

Most of the proportions of this stone are achieved by cutting facets 'cut as required, size by eye'
 NOT by using a meetpoint sequence.

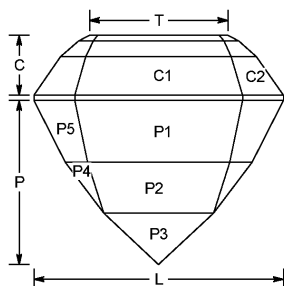
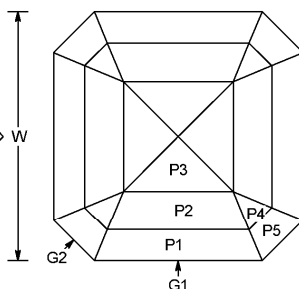
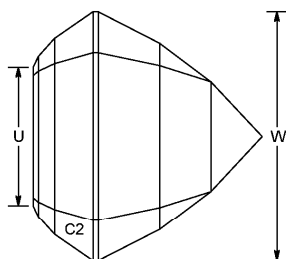
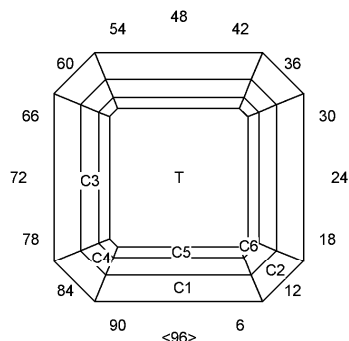
NOVICE / JUNIOR SECTIONS N.9B & J.9B

Material:

Coloured Natural Quartz

Facets: 53

Meets: 45 (crown: 24, pavilion: 21)



Standard Square Step Cut with Cut Corners

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.554 U/W = 0.554

P/W = 0.656 C/W = 0.240

Vol./W³ = 0.444

PAVILION

P1	63.00°	96-24-48-72	TCP
G1	90.00°	96-24-48-72	set size
P2	53.00°	96-24-48-72	cut as required, size by eye, TCP
P3	43.00°	96-24-48-72	cut as required, size by eye, PCP
P4	53.00°	12-36-60-84	meet P2-P2-P3-P3
P5	63.00°	12-36-60-84	meet P1-P2-P4
G2	90.00°	12-36-60-84	level girdle

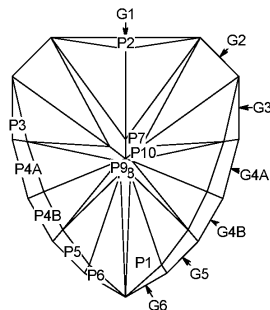
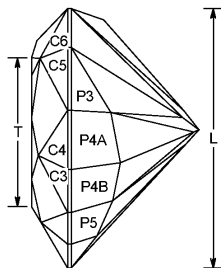
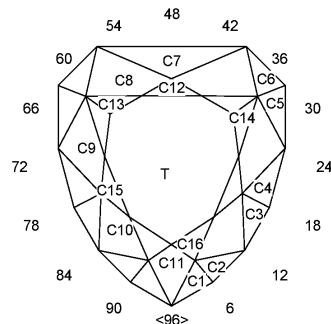
CROWN

C1	55.00°	96-24-48-72	set girdle width
C2	55.00°	12-36-60-84	level girdle
C3	42.00°	96-24-48-72	cut as required, size by eye
C4	42.00°	12-36-60-84	meet C1-C2-C3
C5	26.00°	96-24-48-72	cut as required, size by eye
C6	26.00°	12-36-60-84	meet C3-C4-C5
T	0.00°	Table	cut as required, size by eye

Most of the proportions of this stone are achieved by cutting facets 'cut as required, size by eye'
NOT by using a meetpoint sequence.

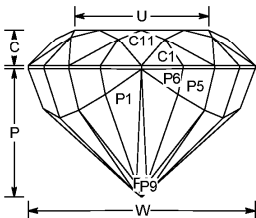
OPEN SECTION O.10.1

Material: Coloured Topaz
Facets: 75 Meets: 56 (crown: 27, pavilion: 29)



OMNI Shield

by Robert W. Strickland 9/1/97
Computer Work by Rick Parker, for GEMBOREE 2015.
Changed from 'OMNI preform' to 'meet point sequence'.
Angles for R.I. = 1.630
62 + 13 girdles = 75 facets
1-fold, mirror-image symmetry
96 index
L/W = 1.140 T/W = 0.654 U/W = 0.591
P/W = 0.564 C/W = 0.160
Vol./W³ = 0.312

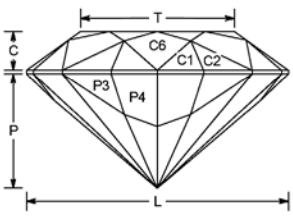
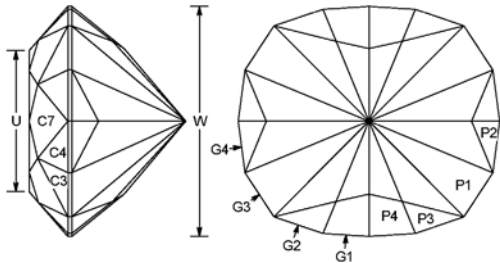
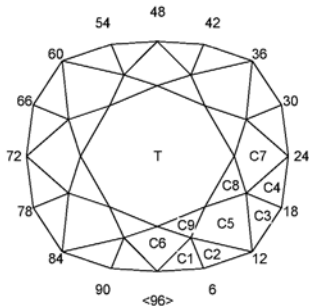


PAVILION				CROWN			
P1	43.20°	02-08-14-22-31-36-43-53-60-65-74-82-88-94	TCP	C1	44.20°	08-88	set girdle width
G1	90.00°	48	sets size	C2	43.90°	12-84	meet C1-G5-G6 level girdle
P2	70.80°	48	meet P1-P1-G1 level girdle	C3	44.20°	16-80	meet C2-G4B-G5 level girdle
G2	90.00°	36-60	meet P1-P1-P2-G1 level girdle	C4	44.90°	20-76	meet C3-G4A-G4B level girdle
P3	69.30°	24-72	meet P1-P1-G2	C5	45.00°	24-72	meet C4-G3-G4A level girdle
G3	90.00°	24-72	meet P1-P1-P3-G2 level girdle	C6	45.60°	36-60	meet C5-G2-G3 level girdle
P4A	70.80°	20-76	meet P1-P1-P3	C7	44.10°	48	meet C6-G1-G2 level girdle
G4A	90.00°	20-76	meet P3-P4A-G3 level girdle	C8	31.60°	44-52	meet C6-C7-G1-G2
P4B	70.80°	16-80	meet P1-P1-P4A	C9	38.95°	22-74	meet C4-C5-G3-G4A & C5-C6-C8 Note 1
G4B	90.00°	16-80	meet P4A-P4B-G4A level girdle	C10	39.03°	14-82	meet C2-C3-G4B-G5 & C3-C4-C9 Note 1
P5	69.80°	12-84	meet P1-P1-P4B	C11	30.67°	96	meet C1-C1-G6-G6 & C1-C2-C10 Note 1
G5	90.00°	12-84	meet P4B-P5-G4B level girdle	C12	17.70°	48	meet C7-C8-C8
G6	90.00°	08-88	cut to same depth as G1	C13	17.50°	40-56	meet C5-C6-C8-C9
P6	69.31°	08.0-88.0	meet P1-P1-P5 level girdle Note 1	C14	18.20°	26-70	meet C5-C6-C8-C9-C13
P7	42.00°	40-56	meet P1-P1-P2-G1-G2	C15	21.40°	18-78	meet C3-C4-C9-C10
P8	42.80°	96	meet P1-P1-P6-P6-G6-G6 PCP	T	0.00°	96	meet C8-C12-C13 & C9-C14-C15
P9	42.43°	09.9-86.1	meet P1-P1-P4B-P5 & P1-P1-P8 PCP Note 1	C16	19.76°	08.9-87.1	meet C1-C2-C10-C11 & C10-C15-T & C11-T Note 1
P10	41.68°	28.5-67.5	meet P1-P1-P3-P4A & P1-P1-P7 & P1-P1-P9 PCP Note 1				

Note 1: Fine adjustment of angle and/or index may be required to 'meet up' all corners of these facets.

OPEN SECTION O.10.2

Material: Coloured MM Corundum
Facets: 77
Meets: 57 (crown: 32, pavilion: 25)



Ultra-brilliant Cushion (Australian Cushion)

Design by John Broadfoot (1998)
Computer Work by Rick Parker, for GEMBOREE 2015.
Angles for R.I. = 1.760
61 + 16 girdles = 77 facets
2-fold, mirror-image symmetry
96 index
L/W = 1.142 T/W = 0.671 U/W = 0.613
P/W = 0.500 C/W = 0.169
Vol./W³ = 0.289

PAVILION

P1	41.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	PCP
G1	90.00°	01-47-49-95	set stone width, girdle not level
G2	90.00°	05-43-53-91	meet P1-P1-G1 girdle not level
G3	90.00°	15-33-63-81	meet P1-P1-G2 level girdle
G4	90.00°	22-26-70-74	meet P1-P1-G3 girdle not level
P2	44.00°	22-26-70-74	meet P1-P1-G3-G4 level girdle
P3	50.00°	05-43-53-91	meet P1-P1-G2-G3 level girdle
P4	51.47°	01-47-49-95	meet P1-P1-P3 & P3-G1-G2 level girdle, Note 1

CROWN

C1	43.20°	01-47-49-95	set girdle width
C2	41.70°	05-43-53-91	meet C1-G1-G2 level girdle
C3	38.90°	15-33-63-81	meet C2-G2-G3 level girdle
C4	39.30°	22-26-70-74	meet C3-G3-G4 level girdle
C5	31.20°	10-38-58-86	meet C2-C3-G2-G3
C6	41.20°	96-48	meet C1-C1-G1-G1 & C1-C2-C5 Note 1
C7	35.67°	24-72	meet C4-C4-G4-G4 & C3-C4-C5 Note 1
C8	16.60°	16-32-64-80	meet C3-C4-C5-C7 Note 2
C9	22.50°	06-42-54-90	meet C1-C2-C5-C6 Note 2
T	0.00°	Table	meet each main facet at associated star facets

Note 1: Fine adjustment of angle and/or index may be required to 'meet up' all corners of these facets.
Note 2: Refer to Note 1, after table has been cut.

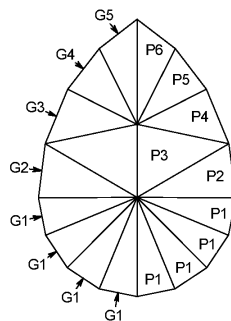
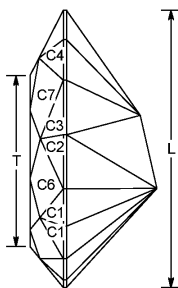
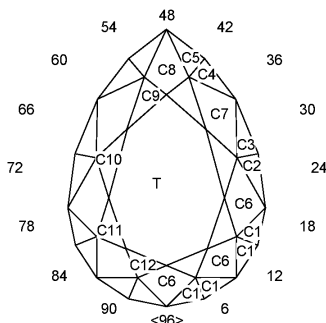
INTERMEDIATE SECTION I.10

Material:

Colourless Topaz

Facets: 67

Meets: 50 (crown: 32, pavilion: 18)



Compear 1:1.40

by Robert W. Strickland 4/9/96

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.630

51 + 16 girdles = 67 facets

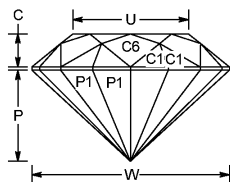
1-fold, mirror-image symmetry

96 index

$L/W = 1.401$ $T/W = 0.862$ $U/W = 0.585$

$P/W = 0.459$ $C/W = 0.168$

$Vol./W^3 = 0.300$



PAVILION

P1	43.10°	03-09-15-21-75-81-87-93	PCP Note 1
P2	42.80°	26-70	meet PCP
P3	41.50°	28-68	meet PCP
G1	90.00°	03-09-15-21-75-81-87-93	set size, level girdle
G2	90.00°	26-70	meet P1-P2-G1 level girdle
G3	90.00°	30-66	meet P2-P3-G2 girdle not level
P4	43.70°	30-66	meet P2-P3-G2-G3 level girdle
P5	44.10°	34-62	meet P3-P3-P4-P4
P6	41.60°	38-58	meet P3-P4-P5
G4	90.00°	34-62	meet P4-P5-G3 level girdle
G5	90.00°	38-58	meet P5-P6-G4 & P6-P6 level girdle

CROWN

C1	45.90°	03-09-15-21-75-81-87-93	set girdle width & level girdle
C2	46.80°	26-70	meet C1-G1-G2 level girdle
C3	47.30°	30-66	meet C2-G2-G3 level girdle
C4	45.40°	34-62	meet C3-G3-G4 level girdle
C5	44.80°	38-58	meet C4-G4-G5 level girdle
C6	39.00°	96-12-24-72-84	meet C1-C1-G1-G1 and last pair at G2
C7	39.20°	32-64	meet C2-C3-C6 & C3-C4-G3-G4 Note 2
C8	26.91°	48	meet C4-C5-C7 & C5-C5-G5-G5 Note 2
C9	17.80°	37-59	meet C4-C5-C7-C8 Note 3
C10	24.50°	28-68	meet C2-C3-C6-C7 Note 3
C11	22.40°	19-77	meet C1-C1-C6-C6 Note 3
C12	23.80°	06-90	meet C1-C1-C6-C6 Note 3
T	0.00°	96	meet each main facet at associated star facets

Note 1: PCP is on the dop stick axis. Diagram has been offset, to allow enlargement, for clarity.

Note 2: Fine adjustment of angle and/or index may be required to 'meet up' all corners of these facets.

Note 3: Refer to Note 2, after table has been cut.

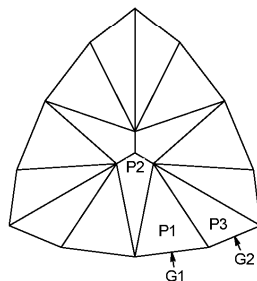
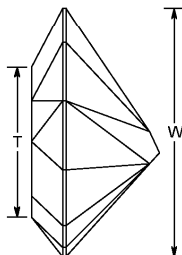
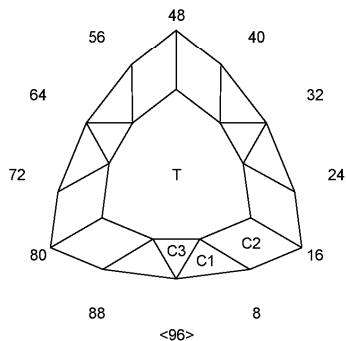
NOVICE SECTION N.10.1

Material:

Facets: 43

Coloured MM Corundum

Meets: 33 (crown: 18, pavilion: 15)



Novice Cushion Triangle

by Robert W. Strickland.

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.760

31 + 12 girdles = 43 facets

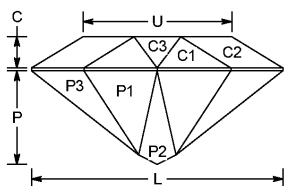
3-fold, mirror-image symmetry

96 index

$L/W = 1.010$ $T/W = 0.601$ $U/W = 0.596$

$P/W = 0.376$ $C/W = 0.125$

$Vol./W^3 = 0.153$



PAVILION

P1	43.00°	02-30-34-62-66-94	TCP
G1	90.00°	02-30-34-62-66-94	set size
P2	42.00°	96-32-64	meet P1-P1-G1-G1 PCP
P3	40.50°	06-26-38-58-70-90	meet P1-P1-P2-P2
G2	90.00°	06-26-38-58-70-90	meet P1-P3-G1 & P3-P3 level girdle

CROWN

C1	40.50°	02-30-34-62-66-94	set girdle width
C2	33.50°	06-26-38-58-70-90	meet C1-G1-G2 level girdle
C3	38.00°	96-32-64	meet C1-C1-G1-G1
T	0.00°	Table	meet C1-C2-C3

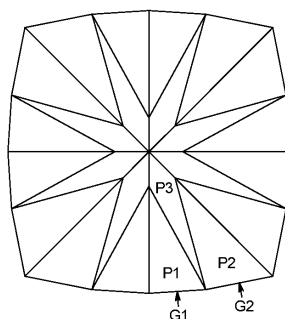
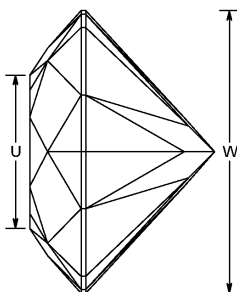
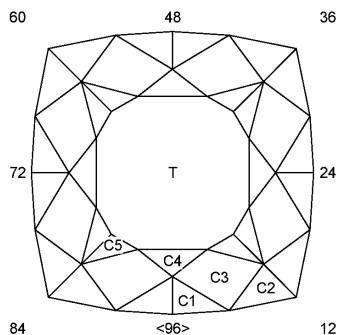
NOVICE SECTION N.10.2

Material:

Colourless Topaz

Facets: 77

Meets: 57 (crown: 32, pavilion: 25)



Brilliant Cushion

Keith Sanker 3-1-98

Adapted from Curved Square Brilliant by JW Carroll.

Computer Work by Rick Parker, for GEMBOREE 2015.

Angles for R.I. = 1.630

61 + 16 girdles = 77 facets

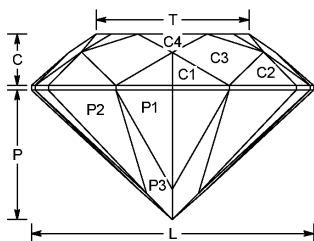
4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.542$ $U/W = 0.542$

$P/W = 0.458$ $C/W = 0.182$

$Vol./W^3 = 0.258$



PAVILION

P1	42.80°	01-23-25-47-49-71-73-95	TCP
P2	41.80°	03-21-27-45-51-69-75-93	meet TCP
G1	90.00°	01-23-25-47-49-71-73-95	set stone size
G2	90.00°	03-21-27-45-51-69-75-93	meet P1-P2-G1 & P2-P2 level girdle
P3	42.00°	02-22-26-46-50-70-74-94	meet P1-P2-G1-G2 PCP

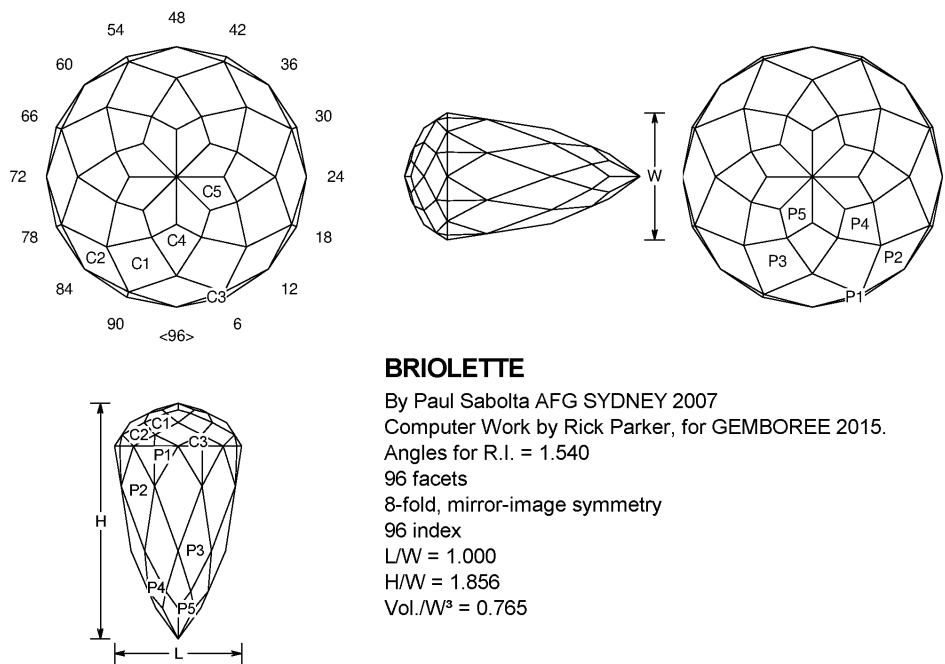
CROWN

C1	41.50°	01-23-25-47-49-71-73-95	set girdle width
C2	40.90°	03-21-27-45-51-69-75-93	meet C1-G1-G2 & G2-G2 level girdle
C3	39.00°	02-22-26-46-50-70-74-94	meet C1-C2-G1-G2
C4	33.70°	96-24-48-72	meet C1-C1-C3-C3
C5	23.40°	08-16-32-40-56-64-80-88	meet C2-C2-C3-C3
T	0.00°	Table	meet C3-C4-C5

OPEN SECTION O.11

Material:
Minimum Size:
Facets: 96

Coloured Natural Quartz
8mm (across girdle line)
Meets: 66 (crown: 25, pavilion: 25, girdle line: 16)



CROWN

C1	37.00°	06-18-30-42-54-66-78-90	TCP
C2	57.00°	96-12-24-36-48-60-72-84	size stone Note 2
C3	77.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	meet C1-C2-C2
C4	27.00°	96-12-24-36-48-60-72-84	meet C1-C1-C2 TCP
C5	17.00°	06-18-30-42-54-66-78-90	meet C1-C4-C4 PCP

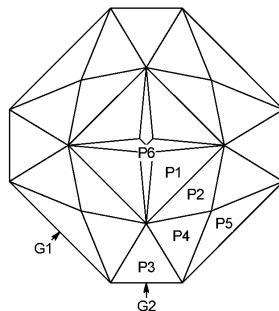
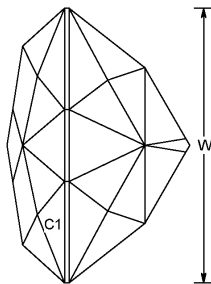
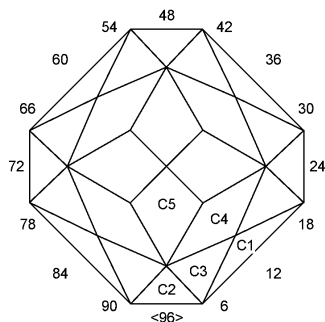
PAVILION

P1	88.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	meet C2-C3-C3 makes girdle line
P2	81.20°	96-12-24-36-48-60-72-84	meet C2-C3-C3-P1-P1
P3	74.20°	06-18-30-42-54-66-78-90	meet P1-P1-P2-P2
P4	66.60°	96-12-24-36-48-60-72-84	meet P2-P3-P3
P5	56.00°	06-18-30-42-54-66-78-90	meet P3-P4-P4 PCP

Note 1: Top & Bottom view of the Diagram have been enlarged for clarity.
Note 2: Diameter of finished stone is only slightly larger than diameter made by the tips of tier C1.

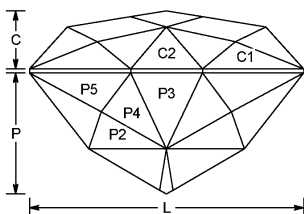
INTERMEDIATE SECTION I.11

Material: Coloured MM Spinel
 Minimum Size: 10mm ('W' on the diagram)
 Facets: 60
 Meets: 34 (crown: 17, pavilion: 17)



Joker

by Greg Glenn
 Computer Work by Rick Parker, for GEMBOREE 2015.
 Angles for R.I. = 1.718
 52 + 8 girdles = 60 facets
 4-fold, mirror-image symmetry
 96 index
 $L/W = 1.000$
 $P/W = 0.440$ $C/W = 0.211$
 $Vol./W^3 = 0.223$



PAVILION

P1	42.00°	12-36-60-84	TCP
P2	45.00°	12-36-60-84	cut by eye Note 1
P3	52.00°	96-24-48-72	meet P1-P1-P2-P2
P4	48.00°	11-13-35-37-59-61-83-85	meet P1-P1-P2-P2-P3
P5	52.00°	12-36-60-84	meet P2-P4-P4
G1	90.00°	12-36-60-84	meet P3-P4-P5 position girdle, this will be stone size
G2	90.00°	96-24-48-72	meet P3-P4-P5-G1 level girdle
P6	30.00°	96-24-48-72	meet P1-P1-P2-P2-P3-P4 PCP

CROWN

C1	48.00°	12-36-60-84	set girdle width
C2	48.00°	96-24-48-72	level girdle
C3	39.00°	10-14-34-38-58-62-82-86	meet C1-C2-G1-G2
C4	28.11°	12-36-60-84	meet C1-C3-C3 & C2-C3-C3 Note 2
C5	9.00°	96-24-48-72	meet C2-C3-C3-C4-C4 PCP

Note 1: The length of the edge between facets P1 and P2 will be approx 40% of the finished stone width 'W'.

Note 2: Fine adjustment of angle and/or index may be required to 'meet up' all corners of these facets.



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THE GRAMPIANS GEM GROUP

The Grampians Gem Group had their beginning around 1959/60, when members of Horsham & Hamilton Field Naturalists and the Horsham & Hamilton Camera Clubs held a combined outing to search for cairngorms (smoky Quartz Crystals) at Mooralla. It was from that outing an unnamed group of lapidarists emerged.

From January 1962, the families of Harold & Margo Sudholtz & June McKechnies met at McKechnie's home for work on grinders, sanders and polishers. Muirs from Dimboola and Crosses from Natimuk also dropped in, as did neighbours. Visitors from Hamilton, Portland and Murtoa occasionally turned up. There were no formal meetings, no fees and no competitions. Had that been so, it would have been one of the first clubs in Victoria.

Machinery, cutting materials, books and information was not easily obtained. Regional Librarian, Susan Robertson worked hard to get suitable books. A letter was sent to the Gemmological Association of Australia on where to obtain diamond saws. Reply 17/01/1963 gives addresses to try. On 02/04/1964 Danny Charmaine, a miner at Agate Creek sends a 7 lb (approx 3 kg) tin of agates for the group to work on and is the first person to tell them about the Australian Lapidary Magazine.

In September 1964, a letter to the Australian Lapidary Magazine Vol. 1 No. 4 Page 28 sent from Reg McKechnie requesting a listing in the Club Directory. For the sake of identification, the name, "Grampians Gem Group" was given. **THAT WAS THE FIRST VICTORIAN LISTING IN THAT MAGAZINE.**

The group continued to meet with the aim of working with rocks and involving the children who were aged from four years upwards. The idea was to get out into the countryside which had not been possible before because of lack of suitable vehicles and post wartime shortages. The 4WDs & SUVs as we know them today were not available. Reg designed a rooftop tent for his car. The tent was sewn by his wife enabling them to do trips to Andamooka, Koroit, Qld opal fields plus others. The Grampians Gem Group each year supported the RSL Motor Show in Horsham and also exhibited in the local library. They demonstrated to the Guides and other groups and spoke to primary and secondary schools.



During this time there was a space race between U.S.A. and Russia. The U.S.A. wished to regain top spot by being the first to put man on the moon. N.A.S.S.A. needed a communication system to cover the opposite side of the globe to U.S.A. Reg McKechnie, who was an employee of the PMG was required to attend a long and complicated school in readiness for the new microwave communications system to be in operation by 1969 this was a backup for the Honey-suckle Creek main system, but had to be just as critically maintained.

Reg realized he could not continue his lapidary pursuits and attend training school. Luckily Bill & Vera Webb had joined the group. Bill Webb (an RSL Member, ex POW and TPI) had time on his hands and needed a hobby so was very keen. It was suggested to him to stand for President of a new club with a new name.

That meeting took place 13/04/1967 with around 90 in attendance. Reg had chosen the new name of "Horsham & District Lapidary Club" which was passed at the meeting. With increased involvement with the training in Melbourne, Reg was relieved to shift the responsibility to Bill Webb and a committee. It should be noted that 90 people attending that meeting was a tribute to the ground work done by the Grampians Gem Group in promoting lapidary.

Reg McKechnie was concerned that the history of Lapidary didn't seem to include what the Grampians Gem Group had done prior to the formation of the Horsham & District Lapidary Club and contacted the V.G.C.A. to make his point. On 03/03/2002, a letter was sent by Tony Annear (then Secretary V.G.C.A.) acknowledging the Grampians Gem Group and thanking Reg for the information, "we had no information of them previously"



I wish to thank Mr. Reg. McKechnie (aged 91 when compiled) for his information which has made this valuable record possible.

Compiled by Brian Mann



Gordon James

Gemstones and settings in Silver and Gold

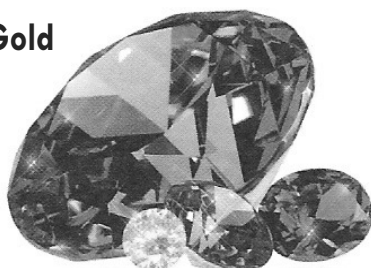
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TAILGATING APPLICATION FORM (PRIVATE / NON-COMMERCIAL) GEMBOREE 2015

I wish to apply for **Private/Non-commercial** Tailgating at the 2015 GEMBOREE in Horsham.
I have read the 'Terms and Conditions' and by signing this form, both my assistants and I agree to abide by them.
(Please Print Clearly)

Surname: **First Name:**

Address: **Post Code:**

Phone: **Mobile:** **Email:**

DATES: Friday 3rd April / Saturday 4th April / Sunday 5th April / Monday 6th April

PLEASE CIRCLE THE DAYS ABOVE ON WHICH YOU WISH TO TAILGATE

FEES: **\$45.00 PER DAY** or part thereof for up to 4 Metres or 12' Site.
Note: (Price includes Compulsory Public Liability Insurance at \$15/day.⁹)

PAYMENT: Tailgating Fee Day/s @ \$45.00 per day \$
Extra Site/s X Day/s @ \$30.00 per day \$
Registration Fee X Day/s @ \$8.00 per day \$
(Per Adult if you have not registered a Campsite or as staying Off Site.)
TOTAL Enclosed (Cheque/Money Order) \$

DECLARATION: I am a casual amateur tailgater who **does not have a business name** and/or **does not buy stock for the purpose of re-selling**. I have also read, and will abide by the **Terms and Conditions** below.

Signed: **Date:**

Please Note: If you do have a business name and/or buy stock for the purpose of re-selling, or have your own insurance; you **MUST** use the "Commercial" Tailgating Application Form!

Terms and Conditions:

1. I will abide by the following terms and conditions to Tailgating at the GEMBOREE 2015.
2. I am a Hobbyist and do not earn monies from any Commercial/Semi-commercial phase of the Hobby, eg. Mining, Dealing, Full-time cutting or Manufacture. I will not make credit card facilities available.
3. I will sell only material which is surplus from my Hobby activities, eg. Field collecting, up-grading my collections and/or items made by me and which will be of a lapidary nature or lapidary related.
4. The material for sale has not been purchased specially for resale, except for commercially made findings used in jewellery making.
5. I will trade only within the times and areas allotted to me by the Organisers. Tailgating sites to be cleared at end of trading times each day. Camping prohibited in tailgating area.
6. I will trade in a respectful manner at all times and follow instructions from the organising committee.
7. Application to Tailgating does not entitle me to trade, except upon acceptance by the Organisers and receipt of the Permit to Trade.
8. I agree to pay the appropriate registration fee as a participant of GEMBOREE 2015 and also to pay the required fees for Tailgating.
9. Public Liability Insurance at \$15/day is current at the time of printing and is subject to change without notice.
10. Should I contravene any part of these terms, I agree to vacate the GEMBOREE 2015 site and forfeit all monies paid.

PLEASE MAKE ALL CHEQUES PAYABLE TO: "Victorian Gem Clubs Association Inc. GEMBOREE Account"

MAIL TO: GEMBOREE 2015 Bookings, 351 Lockharts Gap Road, SANDY CREEK VIC 3695
(Please Note: A stamped self addressed envelope 110x220 must be included.)

ENQUIRIES: Mrs Joan Barrows (Tailgating Co-ordinator.)
EMAIL: joaba99@optusnet.com

Ph: (02) 6021 5043 **Mobile:** 0427 535 470
WEBSITE: www.victoriangemclubs.asn.au

TAILGATING APPLICATION FORM (COMMERCIAL) GEMBOREE 2015

I wish to apply for **Commercial** Tailgating at the **2015 GEMBOREE** in Horsham.
I have read the **'Terms and Conditions'** and by signing this form, both my assistants and I agree to abide by them.
(Please Print Clearly)

Surname: **First Name:**

Address: **Post Code:**

Phone: **Mobile:** **Email:**

DATES: Friday 3rd April / Saturday 4th April / Sunday 5th April / Monday 6th April

PLEASE CIRCLE THE DAYS ABOVE ON WHICH YOU WISH TO TAILGATE

FEES: **\$50.00 PER DAY** or part thereof for up to 4 Metres or 12' Site.
Note: (A copy of your Public Liability Insurance cover **MUST** be attached to this Application Form.⁷⁾

PAYMENT: Tailgating Fee Day/s @ \$50.00 per day \$

Extra Site/s **X** **Day/s** @ \$50.00 per day \$

Registration Fee **X** **Day/s** @ **\$8.00 per day** \$

(Per Adult if you have not registered a Campsite or as staying Off Site.)

TOTAL Enclosed (*Cheque/Money Order*) \$

DECLARATION: I have attached a copy of my Public Liability Insurance policy with a minimum cover of \$10M that will be valid at the time of this event. I have also read, and will abide by the **Terms and Conditions** below.

Signed: **Date:**

Please Note: *If you do not have a business name and/or do not buy stock for the purpose of re-selling, you **may** be eligible to use the "Private/Non-Commercial" Tailgating Application Form! (Please check all 'Terms and Conditions' first to ensure if you are eligible.)*

Terms and Conditions:

1. I will abide by the following terms and conditions to Tailgating at the GEMBOREE 2015.
2. I will sell only items or material, which will be of a lapidary nature or lapidary related.
3. I will trade only within the times and areas allotted to me by the Organisers. Tailgating sites to be cleared at end of trading times each day. Camping prohibited in tailgating area.
4. I will trade in a respectful manner at all times and follow instructions from the organising committee.
5. Application to Tailgating does not entitle me to trade, except upon acceptance by the Organisers and receipt of the Permit to Trade.
6. I agree to pay the appropriate registration fee as a participant of GEMBOREE 2015 and also to pay the required fees for Tailgating.
7. A copy of your Public Liability Insurance cover with a minimum cover of \$10M that will be valid at the time of this event **MUST** be attached to this Application Form. Insurance is available from Webster Hyde Heath Insurance Brokers Pty Ltd. Ph. (08) 8362 5553
8. Application forms lodged without a copy of the insurance policy **will not be accepted**, and will be returned.
9. VGCA is not able to provide Public Liability Insurance for Commercial Tailgaters.
10. Should I contravene any part of these terms, I agree to vacate the GEMBOREE 2015 site and forfeit all monies paid.

PLEASE MAKE ALL CHEQUES PAYABLE TO: "Victorian Gem Clubs Association Inc. GEMBOREE Account"

MAIL TO: GEMBOREE 2015 Bookings, 351 Lockharts Gap Road, SANDY CREEK VIC 3695

(Please Note: A stamped self addressed envelope 110x220 must be included.)

ENQUIRIES: Mrs Joan Barrows (*Tailgating Co-ordinator.*)

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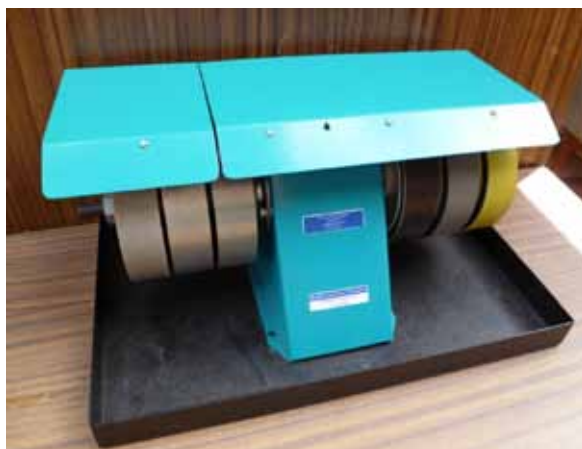
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Competition Entry Form. Sunday April 5th. 2015.

(Please Print Clearly)

Name:

Address:

Phone No: Mobile: Post Code:

Competition entry fees per session: **Junior Section \$5-00.** **Open Section \$10-00.**

I wish to enter the Junior section ☐ Session (1) \$ Session (2) \$
[10-30am to 11-30am] [1-00pm to 2-00pm]

I wish to enter the Open section ☐ Session (1) \$ Session (2) \$
[10-30am to 11-30am] [1-00pm to 2-00pm]

(Tick)

Total Fees Payable: \$

Early registrations will qualify you for a chance to win a bonus draw.

Mail Payments and Registration to:

Horsham & District Lapidary Club Inc. 2 Hutchesson St. Horsham. Vic. 3400.

(No later than Tuesday 31st March.)

Please note: You must ENTER and Pay your full entry fees by Saturday 4th April 2015

Late entries may be available up to 9.00am Sunday 5th at GEMBOREE Office.

Terms & Conditions.

I agree to abide by the competition rules and conditions set out by the Horsham & District Lapidary Club's organizing sub committee.

I agree to obey all directions given by Stewards of the treasure hunt and I acknowledge that the judges decision is final in all respects.

I understand and accept that I or a child under my guardianship enter entirely at my own Risk and I fully realize that the Horsham & District Lapidary Club or the organizing sub committee cannot and will not be Responsible or Liable for any injury to any person or damage of equipment during the treasure hunt.

Entrants in the Junior section must be 14 or under on April 4th 2015 to compete in this section.

ALL Entrants Must produce their Detecting Receipt or Armband to claim a prize.

PLEASE NOTE: Junior entrants must have this form signed by a parent or guardian.

Signed:

Date: / /

Office use only:

Entrant Number:

Fees Paid:

Session Numbers: (1) (2)

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Things to do! - in and around Horsham

Horsham is a lively city, centrally located in the Wimmera region, with excellent opportunities for shopping, dining, entertainment and accommodation.

With its vibrant community and well kept streets, parks and river, it was declared Australia's Tidiest Town in 2001, and has been a runner up many times. You can enjoy the beautiful Botanic Gardens, designed by Guilfoyle, who laid out Melbourne's Botanic Gardens.



Stroll along the banks of the beautiful Wimmera River. Parkland and ancient red gums line much of the river, there are several boat ramps and picnic areas available. Stroll or pedal along the scenic Lawie Rudolph Walk it follows the path of the river along its northern bank. The Wimmera River is also used as a favourite spot for kayaking, canoeing and fishing.

Visit the new Horsham Aquatic Centre, the centre comprise of the following features: Indoor heated 8 lane 25 metre pool and leisure/program pool, gymnasium and recreation hall, creche/meeting room, kiosk and outdoor cafe, family and disabled-friendly change rooms. Located adjacent to and operated in conjunction with the Olympic size outdoor pool in Hamilton Street.



Police Paddock is another good place to walk and observe local flora and bird life. Collect maps and flyers from the Horsham Visitor Information Centre.

Axis Works, what was once known as The Wool Factory is now a unique, community based project, staffed by people with disabilities, the organisation is currently venturing into new sustainable projects for its clients. However, at one stage the Wool Factory was producing some of the world's finest wool.

See excellent exhibitions and the fine collection of Australian art and photography at Horsham Regional Art Gallery, and attend live music and theatre at Wesley Performing Arts Centre.

(Continued next Page)

Things to do! - (Continued)

The Makers Gallery is a focus for local arts and crafts practitioners. Horsham's beautiful 18 hole Golf Course is rated in the top 100 of Australia, with a professional shop and fine bistro. Horsham Racecourse also has excellent facilities and an exciting racing program. In the evening take in a movie at the three screen Centre Cinema, visit a disco or enjoy a meal at one of the many excellent hotels and restaurants.

The warm dry climate is perfect for alfresco dining with a glass of fine wine from one of western Victoria's many wineries. Accommodation in and around Horsham is available to suit all budgets, with excellent motels, hotels, B&B's, cabins and camping grounds. Horsham offers a superb base for exploring a region that offers scenic bushland, mountains and waterways.

Wartook Valley and the Grampians are a picturesque short drive away, and the world mecca of rock climbing, Mount Arapiles, and the somewhat bohemian town of Natimuk are even closer, worth seeing for the wildflowers and dramatic scenery. Visit the picturesque spot where the Wimmera River flood plain meets The Little Desert, near Dimboola.

Whatever you choose to do, you are assured a warm welcome in Horsham!

For more information contact the **Horsham and Grampians Visitor Information Centre** on Freecall 1800 633 218.



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GRAMPIANS

HISTORY & HERITAGE



Dig Down into the ancient, rugged landscape of the Grampians region and uncover a rich history, from Aboriginal rock art through to European exploration, Chinese settlement and gold mining.

Ancient evidence Archaeologists have dated charcoal from ancient campsites and estimate that Indigenous Australians have lived in the Grampians region for over 10,000 years. Join a guided tour and see dramatic rock art that bears testament to their presence throughout the area, and spend time at Brambuk – The National Park and Cultural Centre for innovative displays and experiences recounting the traditional stories of the local Aboriginal people.

Settlements of change The arrival of Major Thomas Mitchell and later Edward Eyre in the 1830s signalled a period of change and the beginning of European settlement in the region. Encouraged by positive reports of the district, settlers such as Lieutenant Robert Briggs and C.B. Hall – whose name was given to Halls Gap – arrived to establish pastoral runs and wheat farming.

Grampians gold rush Gold was found around Stawell and St Arnaud in the 1850s, an event that heralded the start of a 1900s gold rush, with the Mount William Goldmine at Mafeking operating until 1912. Visit St Arnaud to see an authentic gold rush town and the well-preserved civic buildings and heritage gardens.

The early days of Ararat Put yourself in the shoes of the weary Chinese miners, travelling from South Australia to the Central Goldfields in 1857, who made the chance discovery of a rich shallow alluvial goldfield that eventually became Ararat. Visit Gum San Chinese Heritage Centre to learn more about their contribution to the region.

Australia's first saint Discover Hamilton's place in the history of Australia's first saint, Mary MacKillop. Displays at the Maryknoll centre (open by appointment) as well as plaques at significant sites around the region tell her story.

The birth of fine wine Get a taste of local history with a tour through the historic wineries of the Grampians wine region, regarded as the birthplace of Australia's sparkling wine industry.

For more information visit;

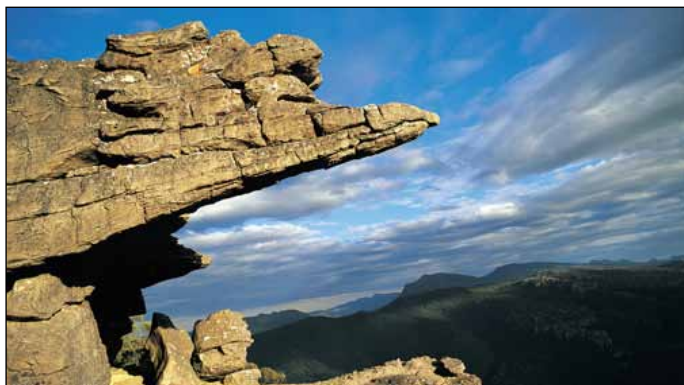
www.visithorsham.com.au

Or call; Horsham and Grampians Visitor Information Centre on Freecall 1800 633 218.

<http://www.visitmelbourne.com/Regions/Grampians/Activities-and-attractions/History-and-heritage.aspx>

GRAMPIANS

NATIONAL PARK



Discover grand and rugged mountain ranges, spectacular wildflower displays, a wide range of outdoor recreational opportunities, and a wealth of Aboriginal rock art sites in the Grampians National Park.

The way they are The Grampians are a series of five spectacular sandstone ridges running north to south with steep and craggy slopes on the eastern side and gentler slopes to the west. They are the result of earth movements lifting and tilting the hard sandstones to create an impressive landscape of peaks and valleys. There are lookouts with stunning panoramic views as well as a number of impressive waterfalls.

Stunning in spring Come between August and October to see the colourful spring wildflower displays in the park, with heathlands enlivened with striking shows of Grampians Boronia, Blue Pin-cushion Lily, and a multitude of other herbs and shrubs. The park is also home to a profusion of native animals and birds. You can find kangaroos, koalas, emus, wedge-tailed eagles and more.

Ancient art Don't miss the chance to see ancient Aboriginal rock art paintings in shelters throughout the park, evidence of Aboriginal people's long association with the Grampians. Head to Billimina Shelter, Gulgurn Manja Shelter, Manja Shelter and Ngamadjudj Shelter.

Choose your own adventure Be inspired by the fresh air to get active in the park. Go bushwalking and rock climbing, or fishing and canoeing. Set out on one of the numerous walking tracks for a casual stroll or an overnight trek. Hit the waters of Lake Bellfield and Lake Wartook for fishing or canoeing, or take advantage of the rocky crags for rock climbing and abseiling.

A great base Nestled beside the Wonderland Range is the town of Halls Gap, a great base for exploring the park, and home to Brambuk – The National Park and Cultural Centre where you can discover more about the park's natural and cultural features.

For more information visit;

www.visithorsham.com.au

Or call; Horsham and Grampians Visitor Information Centre on Freecall 1800 633 218.

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Australites, Australian Tektites

A Brief Introduction - by G. Pearson

Australites are the local Australian version of tektites which are unusual natural glassy objects, often found with distinctive shapes and colours in a number of places around the world.

Australites are usually very dark brown to black, generally opaque or slightly translucent and seldom exceed a couple of centimeters across. Indigenous Australians have reportedly used the glassy material as sacred objects or as cutting tools for more than 30,000 years. Europeans supposedly first became aware of australites when explorer Thomas Mitchell gave naturalist Charles Darwin an unusually shaped piece of natural black glass thought to have been recovered in 1836, when he visited Sydney on board the Beagle. The specimen from the Darling Downs in Queensland was thought to be volcanic.

Reportedly more than 600,000 tektites have been found across south-east Asia with the heaviest being reported to be about 15 kilograms. About 100,000 have been reported to have been recovered in Australasia, the heaviest being about 400 grams and about 2,000 have been found in the Caribbean-North American strewn field with weights to 91 grams. More than 55,000 with weights to about 500 grams have been recovered from Bohemia and Moravia, and 200 or so to 79 grams are from the Ivory Coast in West Africa. Probably very many more than these have really been found but not recorded.

Tektites are found in many places, and have variously thought to be volcanically ejected molten matter, or extraterrestrial meteoritic material, and even lunar "ejectite". Volcanic glasses such as the obsidians for instance, invariably contain significant amounts of water in their composition, which can be experimentally detected and even isolated in some instances. However, tektites in general and australites in particular are quite anhydrous, that is they are

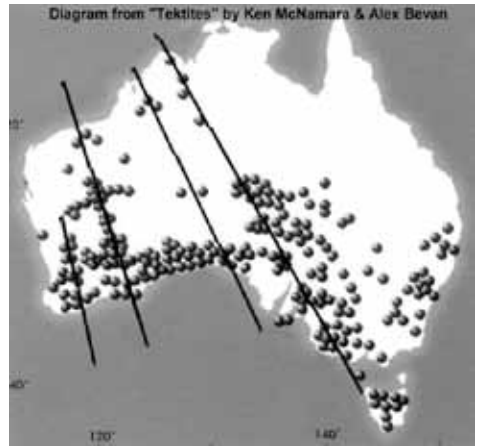


Fig. 1. Australite Recovery Locations in Australia with Nominal Strewnfield Lanes

quite devoid of any detectable water content, indicating a non-volcanic origin. Ejectite is the general term applied to terrestrial earth or rock blasted out upon impact of a large foreign body, usually a meteorite or comet, and deposited elsewhere. Lunar ejectite is also known and a number of examples have been recovered on our planet, ie lunar "meteorites" which are fragments displaced from the lunar surface by a large-enough and suitably directional meteorite impact, for which the abundantly crater-pocked lunar surface is clear evidence. Although an ejectite object and its composition and often its shape are associated with meteoritic impacts, ejectites are not themselves truly meteoritic, except for lunar or even Martian meteorites of course, which are known to have then landed here! Ejectite material is often melted or even vaporised at the instant of impact and thrown out sometimes for very great distances, depending

upon the violence and size of the meteorite and its trajectory and the geology of its impact site. Even a few very rare Martian ejectite meteorites have been famously recovered on our planet. The resulting bodies, if there is more than just one object, are then deposited in just a single geological stratum representing this single impact event, rather than being distributed throughout an appreciable depth of sediments, unless the area has been subsequently disturbed.

The australites found across Australia seem to have largely arisen from a single event, based upon isotope dating techniques leading to a quite limited range for their ages, and also in consideration of their compositional similarity. Australites appear to have been deposited somewhere between about six hundred thousand to about seven hundred and fifty thousand years ago, and seem to have much in common with many other tektites found across South East Asia in terms of their age of formation and composition.



Republic and Slovakia (previously “Moldavia”) and which have now been shown to have originated from the Ries meteorite crater in Bavaria, the bediasites (from Texas, U.S.A.), the irgizites (Irgiz, C.I.S.), and the georgiites (from Georgia, U.S.A.). Other areas include the Aouelloul Crater in Mauritania, North Africa, in the Libyan Desert, in Dalat South Vietnam, in Laos in Kwantung province, and in China.

Australites tend to be rather smaller than the more northern Asian tektites although of very similar isotopically-determined age and composition. It is widely considered that the large majority of the south-east Asian and Australian tektites probably have a common origin, although a definite impact source site has not been identified. Most australites are found in southern Australia, below about 25 degrees latitude. Based on similar ages and compositions, they represent the southern edge of the Australasian tektite strewnfield that apparently stretches from southern China to Australia.



Other similar tektites include javanites (from Java), billitonites from Billiton Island, Indochinites from locations in various southeastern Asian countries, especially Thailand and Cambodia (“Indochina”), and philipinites and rizalites (from the Philippines).

Tektites found elsewhere but probably unrelated to the australites and the south east Asian strewnfield in which these objects were deposited include the moldavites (or vltavins, so-called after the name of the river Vltava, or alternatively the Moldau) from the Czech

Interestingly, australites seem to be deposited in approximately northwest lanes or “strewnfields” of relatively narrow width at several locations across central Australia, perhaps pointing to a source location north of Australia. A large supposedly meteoritic crater in Western Cambodia (Lake Tonle Sap) has been considered to be one of the possible sources of Australasian south-east Asian tektites, but it has not been conclusively proven.

*For the full article on this amazing topic, please contact Grant Pearson at the **GEMBOREE**.*

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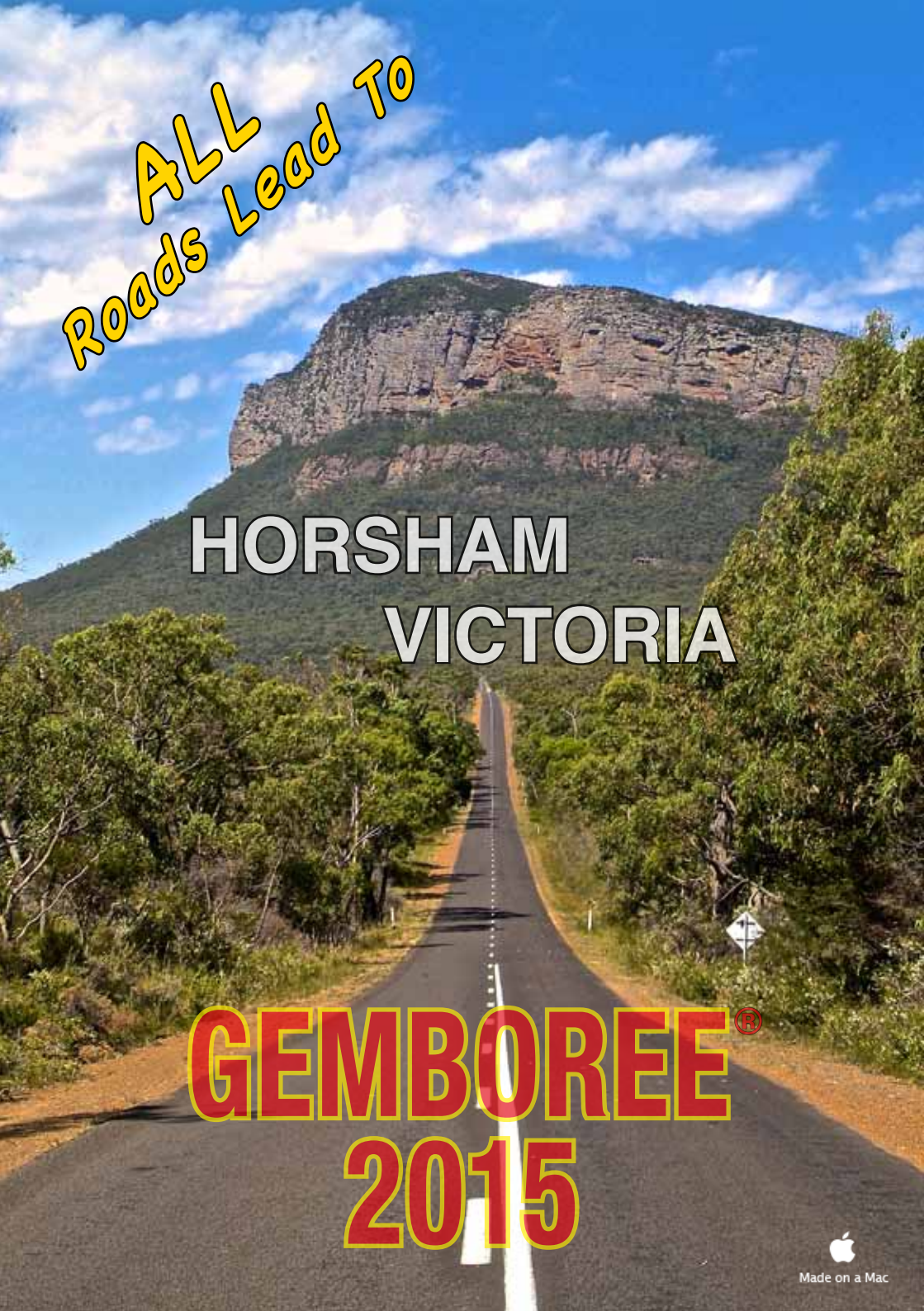


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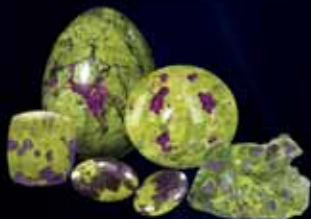
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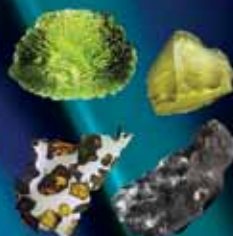
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