

# GEMBOREE 2018

## 54th National Gem and Mineral show

**Willunga – South Australia**

**30 March –**

**2 April 2018**



*Incorporating the National Lapidary Competition*



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## Welcome to our GEMBOREE 2018



Welcome to the City of Onkaparinga, South Australia's largest metropolitan council, and one of Australia's most unique and diverse regions.

We're proud to host the 2018 Gemboree in the City of Onkaparinga.

Onkaparinga is home to 31 kilometres of spectacular coastline and one of the world's great wine regions, McLaren Vale.

Our city has developed into one of South Australia's premier gourmet destinations, featuring award winning restaurants and cafes, a huge selection of locally grown produce and many vibrant farmers markets to explore.

Along with some of the best wine you will ever taste, the region is now also producing excellent craft beers, high quality gin, and unique single malt whiskey.

Art, culture and heritage remains a cornerstone of our communities. We boast the highest concentration of artists per capita in the state, who together bring our city to life through their work which is displayed as public art and in galleries, studios, wineries and cafes hosting exhibitions.

Our city is part of the Kaurna country and includes significant cultural heritage areas such as the Tjilbruke sites along the coast, including Ochre Point and the Washpool. In fact, the name 'Onkaparinga' comes from 'Ngangkiparinga': an indigenous word meaning 'The Women's River'.

European settlement began in 1837 through to the 1850s with townships such as Willunga, Clarendon, Old Reynella, Old Noarlunga, Aldinga and Morphett Vale established around farming activities.

Land use has changed over the years, producing mixed farming like sheep, vineyards and olive orchards. Other industries, like the slate quarries of Willunga, brought income to the region.

Our historic townships are unique, eclectic and rich with stories of the past and we've work hard to preserve their character for future generations.

We celebrate our food, wine and cultural strengths across a wide range of festivals and events each year. No matter when you visit, you'll find something to capture your imagination and make you want to stay just that little bit longer.

You'll find a wide range of accommodation on offer from quaint B&B's to luxury holiday homes.

Expert staff at the McLaren Vale and Fleurieu Visitor Information Centre can help make the most of your stay, so please drop in and let our friendly team share their knowledge of the region with you.

You can also find out more on our website at [onkaparingacity.com](http://onkaparingacity.com). Download our online visitor guide to use our free accommodation and tour booking service.

On behalf of our community, I hope you enjoy your visit and take the opportunity to explore our beautiful region.

**Lorraine Rosenberg**  
**Mayor**  
**City of Onkaparinga**

A handwritten signature in black ink that reads "Lorraine Rosenberg". The signature is written in a cursive, flowing style.





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## Cover story



This quartz crystal cluster from Ashton Quarry located in the Adelaide Hills is 134mm x 80mm x 63mm and also has a tabular Faden quartz crystal which makes this specimen unique.

It was collected by Don Williamson on a field trip in 1977 in the small unused quarry at Ashton. On this particular day Don found three Quartz seams which joined at the bottom of a small slope and

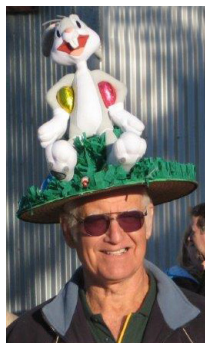
where they joined he found a small vugh which he gave a tap with the rock pick that opened up into a vugh.

After carefully opening up the vugh and slowly taking the crystals out, he then followed the seam up the slope for about three metres and because the quartz Crystals were covered with an iron oxide coating. Don could only guess by the size and shape that several of the crystal clusters would possibly be very good Specimens

Don found more crystal clusters and crystals that day than he had in nine years of going to Ashton Quarry but must mention that the other two Quartz seams were solid quartz, it was only this area that produced quartz crystals that day.

Once Don returned home and put all the quartz that he had collected into hydrochloric acid to get rid of the iron oxide coating and clay impurities, to his amazement he had collected some of the best quartz crystals ever found from Ashton Quarry.

The quartz crystal cluster on the front cover is one of the best I have ever seen; Don's quartz crystal collection now belongs to a well-known Broken Hill collector which I was very lucky to see on one trip to Broken Hill.



### Don Williamson

*Don was a longstanding member and instructor with WREI Gem and Mineral Club which became Northern Districts Gem and Mineral Club. A Champion faceter, he competed in every GEMBOREE and enjoyed travelling and fossicking with NDGMC.*

*Don was an Ex-Serviceman with the Royal Air Force before joining GMH England, when he came to Australia he worked with GMH until he retired.*

*Don was highly respected across the Gem and Mineral Club Community and will be sadly missed.*

## Welcome to the 54th GEMBOREE

This event is staged by Gem and Mineral Clubs Association of South Australia, on behalf of Australian Federation of Lapidary and Allied Crafts Association.

### 2018 GEMBOREE COMMITTEE

#### GEMBOREE

P.O. Box 357 Blackwood S.A. 5051  
Email: [clowe1@bigpond.com](mailto:clowe1@bigpond.com)

#### CONVENORS

Tony Noel: 0427 242 145  
Chris Rowe: 0400 207 095

#### SECRETARY

Alan Foote  
Email: [aandrfoote@bigpond.com](mailto:aandrfoote@bigpond.com)

#### TREASURER

Lyn Rowe  
Email: [clowe1@bigpond.com](mailto:clowe1@bigpond.com)  
Phone: 0414 917 236

#### COMPETITION MANAGER

Doug Hughes  
Email: [dougjeph@gmail.com](mailto:dougjeph@gmail.com)  
Phone: 0408 782 112

#### FIELD TRIP OFFICER

Kym Lochiel

### Local Emergency Services

#### AMBULANCE / FIRE 000

**Flinders Medical Centre**  
(08) 82045511

**Noarlunga Hospital**  
(08) 83849222

**Doctor and Pharmacy**  
Rhylyn Medical Centre  
1 Moore Street Willunga

**Chemist**  
Willunga Pharmacy  
9 High Street Willunga

**SES 132500**

## How to get to GEMBOREE 2018



## BERGAMIN BEADS

Lampwork and lapidary by Wendy Bergamin



Email: [wendybergamin@live.com](mailto:wendybergamin@live.com)  
[www.bergaminbeads.com](http://www.bergaminbeads.com)

## What else can you do now you are here in Willunga?

One terrific aspect of going to GEMBOREES is the opportunity to visit some unique and fascinating places and explore our wonderful country. For those of you with time before and/or after the GEMBOREE here is some information you may find interesting. In these days of the internet we can add to our plans so easily. Check out these links <http://www.weekendnotes.com/top-eating-drinking-spots-in-willunga/> and <http://www.weekendnotes.com/interesting-historic-buildings-willunga/>

Willunga is also a fabulous spot to explore the Fleurieu Peninsula, Kangaroo Island is only a ferry ride away from nearby (68km) Cape Jervis. Please note you will need to book to go to the island as this is the main transport link between Kangaroo Island and the mainland. There are caravan parks on the island as well as plenty of other accommodation. History buffs and fishermen will enjoy Victor Harbor, Port Elliot and Goolwa. These picturesque seaside towns sport many wonderful bakeries and eateries.

Those interested in geology and the impact of an ice age will enjoy exploring Glacier Rock in the Inman Valley between Victor Harbor and Yankalilla. In addition, there are numerous cafes and wineries to sample the tastes of the region. Caravan parks and a few free camp spots are dotted around the Fleurieu and it is well worth staying to explore the region for a week or two.



**Janice Krause & Chris Ah Yee**

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## Willunga Slate Museum

Willunga slate museum is located 40 km south of Adelaide. The old police stables have been converted by National Trust volunteers and now house fascinating displays that tell the story of how Willunga Slate, discovered in 1840, became a boom export and a defining building material.

During the 1850s–1900s, Willunga was the roofing slate capital of Australia with five quarries operating. Willunga Slate has been used extensively throughout the town for drains, bridges, tombstones, seats, pavement, roofing and flooring, and when sealed together made excellent rainwater tanks. Slate was also used for buildings all over Australia including a Perth cathedral, Melbourne's GPO and the Adelaide Town Hall.

Many Cornishmen were employed for their mining and quarrying talents. The cutting, splitting, chiselling and shaping were all done by hand and there is a marvellous collection of tools on display.

Two of the old quarries (Bangor and Martin Bastian) are still producing slate for paving, landscaping and roofing tiles. Although slate quarrying began at Willunga prior to Mintaro, mining here has not been continuous which is why Mintaro is regarded as one of the oldest operating mines in Australia.

### For further information visit the Willunga Slate Museum

Address: 61 High Street, Willunga 5172 SA

Open: 1pm to 4pm, monthly, on each first Tuesday, second and fourth Saturday and Sunday.

Not open on any such day when the temperature is over 35°C.  
Groups, outdoor weddings, other times, by arrangement.

Phone: (08) 8556 2195

Email: [willunganationaltrust@gmail.com](mailto:willunganationaltrust@gmail.com)

Entry Fees: Adults \$5.00, Concession \$4.00, Children (accompanied by adult) free, Child (unaccompanied) \$1.00, National Trust members free  
(Admission includes Courthouse Museum)

## Slate at Willunga



Slate was first discovered in South Australia in 1840 by Edward Loud on his property near Willunga. In June of that same year it was reported that the quarry was exhaustless and would become a valuable article of export. By August, when another quarry had also started production, Loud was able to employ about a dozen families. In November 1841 a contract was secured for the supply of 20,000 slates for Sydney. By the middle of 1842 the demand from New South Wales and Victoria for slate was increasing rapidly. During the latter part of 1844 demand for slate was strong enough for a quarry to be opened at

Brown Hill Creek, near Adelaide, which had very strong slate, fit for flooring or durable street flagging. Since that time slate has been produced to be used for shingles, mantle pieces, fencing, fence posts, paving, roofing tiles, floors, tables, work benches, sills, kerbs, steps, tombstones, blackboards, slates, troughs, vats, pavements, table tops, water and fermenting tanks, cricket pitches, bridges, hearths, posts and pillars. Even sidewalks in Adelaide and Melbourne were made from slate. When powdered slate is mixed with limestone (1:3) it makes a good cement.

By the end of 1841 four other quarries, Bastian's, Bangor, Delabole and Martin's had joined Loud's. In 1865 The Original Willunga Slate Quarry Limited was formed by Sampson Bastian, farmer of Willunga, Joseph Butterworth, miller of Aldinga, Charles Sanders, builder of Adelaide, Richard Hill, farmer of Willunga, William Laycock, Joseph and William Daws, all three stonemasons of Adelaide. Their property consisted of ten acres of freehold land and known as Bastian's Slate quarry. This quarry had been worked for twenty years and during the last five years, while worked by seven men, made a profit of 300 pounds a year.

Business was good and in January 1874 the Willunga Slate Quarries advertised for good Quarrymen. They would be paid two guineas per week or, if they preferred, on piecework. They could apply to J. Kernick & Co who operated the quarries at that time.

The slate from this quarry had been used for flagging, roofing and many other purposes and was known to be superior to any slate from England. Bastian was certain that the introduction of more capital would return large profits and offered it to the public for five thousand pound. in shares of five pounds each. The owners were to receive one hundred paid up shares plus the sum of 1800 pounds.

The Delabole Slate Quarry was started by W.B. Male, an early migrant from Cornwall. In 1853 the quarry was bought by John Allen, who worked it until 1860 when he sold it. In September 1865 the Delabole Slate Company, with George Abbott as secretary, advertised for a working foreman, one who understood the workings of a slate quarry in all its branches. He had to be able to keep account of the men's time and communicate occasionally with the secretary. A residence would be provided at the quarry for the successful applicant. In 1867 the quarry

was worked by the South Australian Delabole Slate Company with James. S. Scott acting as its secretary. In December 1868 it was able to declare a dividend of one shilling per share.

In 1872 John Allen bought it back and worked it until July 1875. During that month the company Chairman, Henry Thompson, called an extraordinary meeting of its shareholders and it was decided that the company should be wound up. Scott was appointed liquidator. The quarry has later been worked a number of times by different companies until 1915 when production was stopped. Roofing slates from the Delabole quarry have been used on several Adelaide buildings, including the Post Office, Town Hall, Museum and Adelaide University.

Martin's quarry was opened up by Thomas Williams and Thomas Polkinghorne. It too changed ownership on several occasions and finally stopped production in 1912. With most of the quarries a few kilometres from the town of Willunga, many of the workers and their families lived around the quarries. At Delabole, started in the early 1840s, nearly a hundred people lived on site and even built their own church. The majority of them, as in the other quarries, came from Cornwall.

In 1868 Willunga residents built the Saint Joseph School, which was the third school in South Australia dedicated to St Joseph. Mary MacKillop visited the school on several occasions before it was closed in 1882. By the 1870s Loud's quarry had long since closed but the other four still employed some sixty men. Even though galvanised iron was replacing some of the demand for slate, the quarries could barely keep up the supply. In May 1872 the Strathmore left Port Willunga with 120 tons of slate for Melbourne. A few months later it was reported that the slate trade provided employment for the Strathmore, which had just completed her second trip from Port Willunga to Melbourne with another 120 tons of slate.

Most of the slate from Willunga was carted by bullock teams to Port Adelaide and to the ports at Aldinga and Willunga. In 1891 two ships a week were loaded, each carrying 20,000 slates. Living in Willunga at that time were J.M.Cornelius and Thomas Martin, both slate merchants and more than twenty quarrymen and labourers. On 29 May 1885, Hugh Chenoweth, aged only twenty-three, was killed at the Bangor Quarry.

The severe and prolonged depression of the 1890's resulted in the decline of the slate industry and only a few men were employed at Willunga and at Mintaro. Shortage of building materials after the First World War caused a renewal of the industry. A new plant was opened by Australian Slate Quarries, at the old Bangor quarry, in 1921. The official opening was to be performed by the Governor of South Australia, but as it was too cold he declined. The new works comprised a new dressing mill forty metres long and fifteen metres wide, a hundred horsepower boiler to



*Martins Slate Quarry, Willunga*

provided steam and many other engines and machines. The slate was obtained from seventy metres below ground level needing a five-ton steam crane to lift the slate from the quarry. The new company also installed an air compressor to operate the drilling and cutting machines. However, a hand operated slate cutting machine, built in 1881, is still in use today.

During the official opening in 1921, Managing director John Dunstan and his sons Basil and Stanley were kept very busy showing everyone around. A demonstration of splitting slate with a wooden mallet was provided by Bill Meverley and John Kernick. Some other men, including Harry Stevens, Jack Reed and Tom Allen showed how the slate was moved from the quarry to the cutting area. Among some of the special guests were J.R.P. Male who at the age of ten had started working in a Cornish slate quarry before coming to South Australia and working at Willunga. Another old timer was G.E. Eden, originally from South Devon where he began his quarry work at the age of nine, before settling down in Willunga. During the depression of the 1930s, and as a result of the continuous import of overseas slate, very little work was done in any of the Willunga quarries. As the old experienced quarrymen and splitters retired, very few of them were replaced with young men to learn the trade. By the late 1940s Premier Thomas Playford suggested that migrants with these skills may have to be attracted to keep the quarries operating.

During the late 1960s a Victorian company opened up new quarries, while the Bangor quarry was managed by B.G. Dunstan. Once again Willunga slate was exported to Victoria, New South Wales and Western Australia.

Today Willunga's famous slate industry is once again in operation. The new leaseholders and operators are Ken and Marie McAllen. It has also the only slate museum in Australia and is well worth a visit.

Many of the early quarry workers found their final place of rest at one of the Willunga Cemeteries.

Courtesy South Australian Museum and Flinders Ranges Research



*Slate roofing on slate processing plant, Bangor Quarry Willunga*



*Wesleyan Chapel near the Delabole Slate Quarry, Willunga*

### Mineral Boxes and Flats for sale

<b>A</b>	4cm x 4cm	\$1.50 for 10	\$13.00 per 100
<b>AA</b>	3.5cm x 3.3cm	\$1.50 for 10	\$12.00 per 100
<b>B</b>	5cm x 5.2cm	\$2.00 for 10	\$15.00 per 100
<b>C</b>	6.2cm x 7.5cm	\$2.50 for 10	\$18.00 per 100
<b>D</b>	7cm x 7cm	\$2.50 for 10	\$19.00 per 100
<b>E</b>	7cm x 9.5cm	\$2.50 for 10	\$20.00 per 100
<b>F</b>	8.5cm x 9.5cm	\$3 for 10	\$22.00 per 100
<b>G</b>	9.5cm x 9.5cm	\$3.50 for 10	\$23.00 per 100
<b>H</b>	12.5cm x 13cm	\$4.50 for 10	\$30.00 per 100

#### Flats

395mm x 265mm x 50mm	\$2.00 (lid and base)
398mm x 290mm x 98mm	\$3.50 (flats)

*Fold in flats no staples required*

**Greg Vort-Ronald**  
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# AFLACA

AUSTRALIAN FEDERATION OF LAPIDARY  
AND ALLIED CRAFTS ASSOCIATIONS



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[www.aflaca.org.au/gemboree/](http://www.aflaca.org.au/gemboree/)



## Gemboree History

Coonabarabran in New South Wales has the honour of conducting the first GEMBOREE in 1965 after suggestions were made to the editor of Australian Lapidary Magazine, Mr. Norm Patison. Norm had the vision and organised the GEMBOREE which has continued on every year since as the national gathering of lapidaries.

There were a few lapidary clubs though there was little thought about interaction and communication.

The GEMBOREE held the following year with even greater success was again organised by Norm. Norm then laid down a challenge “for any, one, two or three clubs to host next year’s GEMBOREE”. Three Sydney Clubs took the challenge with the 1967 GEMBOREE held at Nundle in northern N.S.W. Then in 1968 it was organised by four clubs at Gundagai, even further north. Its future appeared set.

The newly formed Combined Victorian Gem Clubs Association decided to start small holding a Gemkhana to bring their state members together in 1968. It was held in March to avoid clashing with the Gundagai GEMBOREE. Buoyed with the success of their Gemkhana the Victorian Association sought permission to conduct the 1969 GEMBOREE. One of their objects was to seek that the GEMBOREE should be held in a different state or territory of Australia each year.

With the support of the Australian Lapidary Magazine and previous organisers the first GEMBOREE held outside NSW was organised at Beechworth in northern Victoria. The result was the largest gathering of lapidaries and the general public witnessed so far.

Since 1969, the GEMBOREE has been staged in all states and territories. 1972 was the first year for South Australia, and Queensland’s first was in 1974. 1980 was the debut for Western Australia, and Tasmania hosted their first event in 1981. In 1988, the GEMBOREE was staged in Canberra and in 1993 it was held in the Northern Territory at Alice Springs. Sadly, due to Western Australia’s very small lapidary population combined with distance forced WA to withdraw as a GEMBOREE host – at least for the time being.

Norm Patison lived to see the GEMBOREE become a truly national event, and his name is commemorated on a perpetual trophy at the National Gem & Mineral competitions held in conjunction with each GEMBOREE.

## Origins and History of A.F.L.A.C.A.

Extracted from article by Tony Annear at GEMBOREE 1986

The "Australian Federation of Lapidary & Allied Crafts Associations" probably had its beginnings on 25th July 1964, when more than 40 people representing 10 New South Wales Lapidary groups attended a meeting called by Mr Bert Kidd of the 'Western Suburbs Lapidary Club'. Purpose of the meeting was to discuss the pros and cons of forming a Federation of Lapidary Clubs.

In 1977 the "Australian Federation of Lapidary & Allied Crafts Associations" (AFLACA) was formed. A few months later, the emblem as we now know it was adopted. The objectives of AFLACA can best be summed up as:

**'To promote popular interest and education in Lapidary and related Crafts; to sponsor and provide means of coordinating the efforts of all groups interested therein; to encourage the development and formation of Clubs through State Associations, and by such means, strive towards greater national goodwill and fellowship'**

Two major achievements have been the introduction and adoption of a National standard for Competitions and Judging and the adoption of a National calendar for staging the GEMBOREE.

## Previous GEMBOREE Venues

1965	Coonabarabran	1984	Mt Isa	2003	Gawler
1966	Coonabarabran	1985	Wanneroo	2004	Warrigal
1967	Nundle	1986	Loxton	2005	Bathurst
1968	Gundagai	1987	Shepparton	2006	Hobart
1969	Beechworth	1988	Canberra	2007	Gatton
1970	Nundle	1989	Devonport	2008	Murray Bridge
1971	Coleraine	1990	Bundaberg	2009	Horsham
1972	Tanunda	1991	Loxton	2010	Devonport
1973	Inverell	1992	Midland	2011	Bathurst
1974	Nambour	1993	Alice Springs	2012	Bundaberg
1975	Broken Hill	1994	Ballarat	2013	Murray Bridge
1976	Gunnedah	1995	Glenn Innes	2014	Gatton
1977	Shepparton	1996	Toowoomba	2015	Horsham
1978	Gympie	1997	Launceston	2016	Ulverstone
1979	Tanunda	1998	Gawler	2017	Lithgow
1980	Wanneroo	1999	Rockingham	2018	Willunga
1981	Devonport	2000	Ballarat	2019	QGCA
1982	Glenn Innes	2001	Wagga Wagga	2020	Victoria
1983	Broken Hill	2002	Rockhampton	2021	Tasmania

*Red = Held in South Australia*

## Gemboree Field Trips, Excursions and Entertainment

We are in the planning phase for our field trips and excursions and hope to be able to offer a variety of outings for you to participate in. Please be prepared and bring the standard safety equipment used for field trips.

Remember to be eligible you will need to show that you are a current financial member of your club in order to be covered by that club's personal accident insurance.

We are also hoping to secure guest speakers with expertise to share in the field of Gems and Minerals. Make sure you check the daily newsletters for entertainment and other events throughout the weekend.

### Gemboree Prince and Princess competition

We will be awarding a Senior and Junior GEMBOREE Princess title at the GEMBOREE, so please come along prepared to join in. Nomination forms will be available at the GEMBOREE.

Senior Prince/Princess: 13 years and over

Junior Prince/Princess: 6-12 years



Insurance Brokers to

## Gemboree 2018

We are proud to be the insurance broker of choice for Australian gem & mineral clubs.

Please contact our office for all general insurance requirements.  
We welcome the opportunity to assist.

**Contact us** 08 8362 5553 [tracey@whhib.com.au](mailto:tracey@whhib.com.au) [whhib.com.au](http://whhib.com.au)

## Gemboree 2018 competition schedule and conditions

### THIS IS LEVEL 4 COMPETITION

Unless otherwise specified in this schedule this competition is aligned to the Australian Federation of Lapidary and Allied Crafts Associations Inc. Competition and Judging Manual issue N0.8 April 2015.

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

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

#### Competitions Abbreviations:

**O** = Open; **I** = Intermediate; **N** = Novice; **J** = Junior; **CS** = Judged as Craftsmanship; **AA** = Judged as Aesthetic Appeal; **SC** refers to Special Conditions. See below.

A maximum of 2 entries per person per section is allowed except for showcase sections where only 1 entry per person is permitted.

#### Entry forms

For all sections must be received no later than Monday 15th of January 2018 together with

- Entry fee of \$ 5.00
- Sufficient funds to cover cost of return (Registered post preferred)
- A stamped self-addressed envelope for return of receipt.

Late entries will not be eligible for competition, they may be used for display ONLY.

#### Overseas entries

Will be deemed to be in Open Division. Overseas entrants are advised to clearly label their packages: "Lapidary Competition Entries to be returned". It is advisable to include a copy of the entry form in the package to minimise Customs queries both in Australia and in the country of origin. These entries will be free.

## Entries in sections/groups

### **1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 18, 19, 20, 21, 24, 25, 26 and 27.**

These will be judged before the GEMBOREE. They must be mailed to reach the Competition Committee by the **Monday 15th of January 2018**. It is recommended that all mailed entries be registered. Receipts for these entries will be sent by return mail.

## Entries in sections/groups

### **5, 7, 13, 14, 16, 17, 28, 29, 31, 32, 34, and 37**

As advised on the entry form are to be delivered to Competition Committee at the GEMBOREE site between **1 pm – 4 pm on Thursday 24th of March 2018**. Receipts will be provided upon delivery of actual entries.

**Judging sheets** may be collected from the Competition Committee between **3 pm – 4 pm on Saturday 26th March 2018**. Judging sheets not collected will be returned with entries. Entry receipt and proof of identity must be provided to collect judging sheets.

**Entries may be collected** from competition office between **4 pm – 6 pm on Monday 28th March 2018**. Receipt for the entries and proof of identity **MUST** be provided. Entries not collected by this time will be returned as specified by the competitor on their entry form.

**PLEASE NOTE:** All due care will be taken, however the GEMBOREE Committee accepts no responsibility if any loss and or damage occurs.

### **SPECIAL CONDITIONS – Refer to Competition and Judging Manual**

- a: Sizes and Tolerances - Where an Entry does not conform to the size condition stated in the Manual or the conditions set in this schedule, it will be ruled ineligible.
- b: Carving Group 5 – Page 37 D 8.4.1 re sizes and D8.4d. re labels.
- c: Facet Section Groups 8 to 11 – Page 43 - Display Boxes (D11.3 d.); Identification of Material (D11.3 e.); Specified Size (D11.2 p.)
- d: Tumbled Stones Group 12 –Page 55 - Sizes (D 12.4)
- e: Gem Trees - Group 16 - Page 61 -Sizes (D 16.2)
- f: Novelty Gemcraft Group 17 - Page 62- Size (D 17.2)
- g: Jewellery, Enamelling and Metalcraft Groups 18 to 28 - page 63 - part E
- h: Enamelling Non Jewellery Group 26 – pages 64 and 65- E3.5 to E3.8
- i: Showcases Groups 29 to 31 – pages 87 to 96 Part F. Size of the showcases used in these competitions must be stated on the official entry form to ensure sufficient space is allowed.
- j: Fossils Group 32 Pages 97 to 104 Part G

**Identification Stickers:** (page 101 -G 6.6) The Competition committee will supply small numbered stickers for Group Entries of Fossil or Mineral Sections. Stickers will be given to entrants by the Competition committee at the time of set up.



## Competition sections

### GROUPS 1 & 2 CABOCHONS

Unless otherwise specified all Cabochons must have minimum size 15mm on longest dimension across the outline shape. Maximum size of 50mm on the longest dimension across the outline shape.

Section No.	Description	Trophy	Special condition
O 1A.1	Standard Cabochon Australian Nephrite – Specified Size 30mm x 40mm	CS PT01 AT21	a
I 1A.2	Standard Cabochon Australian Nephrite – Specified Size 30mm x 40mm	CS PT02	a
N 1A.3	Standard Cabochon Australian Nephrite – Specified Size 30mm x 40mm	CS PT03	a
J 1A.4	Standard Cabochon – Any Material	CS AT01 AT15	a
O 1A.5	Standard Cabochon – Jasper	AA AT07	a
I 1A.6	Standard Cabochon – Jasper	AA	a
N 1A.7	Standard Cabochon – Jasper	AA	a
O 1B.1	Fancy Cabochon – Australian Agate	CS PT01 AT27	a
I 1B.2	Fancy Cabochon – Australian Agate	CS PT02 AT27	a
N 1B.3	Fancy Cabochon – Australian Agate	CS PT03 AT27	a
J 1B.4	Fancy Cabochon – Any Material	CS AT01	a
O 1B.5	Fancy Cabochon – Naturally Coloured Quartz	AA AA	a
I 1B.6	Fancy Cabochon – Naturally Coloured Quartz	AA AA	a
N 1B.7	Fancy Cabochon – Naturally Coloured Quartz	AA AA	a
O 2A.1	Double Standard Cabochon – Australian Agate	CS AT18	a
I 2A.2	Double Standard Cabochon – Australian Agate	CS	a
N 2A.3	Double Standard Cabochon – Australian Agate	CS PT03	a
J 2A.4	Double Standard Cabochon – Australian Agate	CS	a
O 2B.1	Double Fancy Cabochon – Opalised Wood	CS PT01	a
I 2B.2	Double Fancy Cabochon – Opalised Wood	CS	a
N 2B.3	Double Fancy Cabochon – Opalised Wood	CS	a

### GROUP 3 FREE FORM

Maximum size 50mm and minimum must not be able to be passed through 10mm diameter hole.

Section No.	Description	Trophy	Special condition
O 3.1	Free Form – Any Material not opal	CS AT27	a
I 3.2	Free Form – Any Material not opal	CS AT27	a
N 3.3	Free Form – Any Material not opal	CS AT27	a
J 3.4	Free Form – Any Material not opal	CS AT01	a
O 3.5	Free Form – Solid Opal	CS AT14	a
I 3.6	Free Form – Solid Opal	CS	a
N 3.7	Free Form – Solid Opal	CS	a
J 3.8	Free Form – Solid Opal	CS AT01	a

**GROUP 4 OPAL**

Maximum size 30mm and must not be able to be passed through a 10mm hole.

Section No.	Description	Trophy	Special condition
O 4A.1	Opal Doublet – Flat Top	CS PT01	a
O 4B.1	Opal Doublet – Domed Top	CS	a
N 4B.2	Opal Doublet – Domed Top	CS	a
J 4B.3	Opal Doublet – Domed Top	CS	a
O 4C.1	Opal Triplet	CS	a
N 4C.2	Opal Triplet	CS	a

**GROUP 5 CARVINGS & CAMEO**

Section No.	Description	Trophy	Special condition
O 5A.1	Fully 3 - Dimensional – Hardness 5 or under	AT25	b
O 5A.2	Fully 3 - Dimensional – Hardness over 5		b
N 5A.3	Fully 3 - Dimensional – Any Hardness		b
J 5A.4	Fully 3 - Dimensional – Any Hardness (must be a known form)	AT03	b
O 5B.1	Carving in relief – Any Hardness	AT27	b
I 5B.2	Carving in relief – Any Hardness	AT27	b
N 5B.3	Carving in relief – Any Hardness	AT27	b
O 5C.1	Cameo – Minimum 25mm on longest dim.		b
N 5C.2	Cameo – Minimum 25mm on longest dim.		b

**GROUP 6 SCRIMSHAW**

Section No.	Description
O 6.1	Scrimshaw
O 6.1	Scrimshaw

**GROUP 7 SPHERES & OVOID**

Section No.	Description	
O 7A.1	Sphere – minimum overall size 40mm – maximum 100mm	Natural Lapidary Material
N 7A.2	Sphere – minimum overall size 40mm – maximum 100mm	Natural Lapidary Material
O 7B.1	Ovoid Natural Lapidary Material	AA
N 7B.2	Ovoid Natural Lapidary Material	AA

## GROUPS 8 - 11 FACET CUTS

Section No.	Description	Trophy	Special condition
O 8A.1	Standard Round Brilliant Continuous Girdle – Australian Amethyst	AT23, AT16	ac
I 8A.2	Standard Round Brilliant Continuous Girdle – Australian Amethyst		ac
N 8A.3	Standard Round Brilliant Continuous Girdle – Australian Amethyst	PT03	ac
J 8A.4	Standard Round Brilliant Continuous Girdle – Australian Amethyst		ac
O 8B.1	Standard Round Brilliant Faceted Girdle – Specified Size 8.5mm – Australian Citrine	PT01	ac
I 8B.2	Standard Round Brilliant Faceted Girdle – Specified Size 7mm – Australian Citrine		ac
N 8B.3	Standard Round Brilliant Faceted Girdle – Australian Citrine		ac
O 9A.1	Standard Oblong Step-cut with cut corners – Specified Size 15mm x 10mm – Australian Colourless Quartz	AT23	ac
N 9A.2	Standard Oblong Step-cut with cut corners – Coloured Quartz	AT22	ac
J 9A.3	Standard Oblong Step-cut with cut corners – Coloured Quartz		ac
I 9B.1	Standard Square Step-cut with cut corners – Colourless Quartz		ac
O 10.1	Centeyre – Colourless Topaz	AT10, AT16	ac
I 10.2	Centeyre – Colourless Topaz	AT27	ac
N 10.3	JBCROSS – Colourless Topaz	AT22, AT27	ac
O 11.1	Checker Oval – Topaz	AT16, AT27	ac
I 11.2	Priory Special – Colourless Man-made Cubic Zirconia	PT02, AT27	ac
N 11.3	Checker Top Old Mine – Coloured Man-made Cubic Zirconia	AT27	ac
J 11.4	Petunia – Colourless Topaz		

## GROUP 12 TUMBLER STONES

Maximum size 30mm and not to be able to be passed through 15mm hole.

Section No.	Description	Trophy	Special condition
O 12A.1	Pre Form – Group of 3 – Three different materials	AT 27	ad
I 12A.2	Pre Form – Group of 3 – Three different materials	AT 27	ad
N 12A.3	Pre Form – Group of 3 – Three different materials	AT27	ad
O 12B.1	Natural Shape – Group of 3 – Petrified wood		ad
N 12B.2	Natural Shape – Group of 3 – Petrified wood		ad

## GROUPS 13 &amp; 14 POLISHED FACES

Minimum size 50mm and maximum 150mm on any dimension.

Section No.	Description	Trophy	Special condition
O 13.1	Polished Face Flat Surface – Agate	AA AT27	a
I 13.2	Polished Face Flat Surface – Agate	AA AT27	a
N 13.3	Polished Face Flat Surface – Agate	AA AT27	a
O 14.1	Polished Face Curved Face – Smoky Quartz	AA	a
N 14.2	Polished Face Curved Face – Smoky Quartz	AA	a

**GROUP 16 GEM TREE**

Section No.	Description	Special condition
O 16.1	Single Tree	ae
N 16.2	Single Tree	ae
J 16.3	Single Tree	ae

**GROUP 17 NOVELTY GEMCRAFT**

Section No.	Description	Trophy	Special condition
O 17.1	Novelty Gemcraft	AT27	af
I 17.2	Novelty Gemcraft	AT27	af
N 17.3	Novelty Gemcraft	AT27	af
J 17.4	Novelty Gemcraft		af

**GROUP 18 HAND FABRICATED and WIRE WRAPPED JEWELLERY**

Section No.	Description	Trophy
O 18A.1	Hand Fabricated Jewellery, not intended to include lapidary, fossil or mineral items	AT02
I 18A.2	Hand Fabricated Jewellery, not intended to include Lapidary, fossil or mineral items	
N 18A.3	Hand Fabricated Jewellery, not intended to include lapidary, fossil or mineral items	
J 18A.4	Hand Fabricated Jewellery, not intended to include lapidary, fossil or mineral items	
O 18B.1	Hand Fabricated Jewellery, with lapidary item/s Cut and set by entrant	AT11
O 18B.2	Hand Fabricated Jewellery, with lapidary item (Opal/s) Cut and set by entrant	AT24
I 18B.3	Hand Fabricated Jewellery, with Lapidary item/s cut & set by entrant	AT27
N 18B.4	Hand Fabricated Jewellery, with Lapidary item/s cut & set by entrant	AT27
O 18C.1	Hand Fabricated Jewellery, with natural Mineral/fossil specimen/s set by entrant	AT06
N 18C.2	Hand Fabricated Jewellery, with natural Mineral/fossil specimen/s set by entrant	
O 18D.1	Hand Fabricated Jewellery, with commercial Lapidary item/s set by entrant	
N 18D.2	Hand Fabricated Jewellery, with commercial Lapidary item/s set by entrant	
O 18E.1	Wire wrapped jewellery, with lapidary item/s cut and set by entrant	
N 18E.2	Wire wrapped jewellery, with lapidary item/s cut and set by entrant	AT26
J 18E.3	Wire wrapped jewellery, with lapidary item/s cut and set by entrant	

**GROUP 20 CAST JEWELLERY using natural objects as patterns**

Section No.	Description	Trophy	Special condition
O 20A.1	Not intended to include Lapidary, Fossil or Mineral items	AT28	g
N 20A.2	Not intended to include Lapidary, Fossil or Minerals	AT28	g

**GROUP 21 CAST JEWELLERY USING COMMERCIAL WAX MODELS**

Section No.	Description	Trophy	Special condition
O 21A.1	Cast Jewellery not intended to include Lapidary, Fossil or Mineral item	AT28	g
N 21A.2	Cast Jewellery not intended to include Lapidary, Fossil or Mineral item.	AT28	g

**GROUP 24 ENAMELLED JEWELLERY**

Section No.	Description	Special condition
O 24A.1	Enamelled Jewellery in hand-fabricated setting.	g
N 24A.2	Enamelled Jewellery in hand-fabricated setting.	g

**GROUP 25 COMMERCIAL MOUNT JEWELLERY**

Section No.	Description	Trophy	Special condition
O 25.1	Commercial Mount Jewellery Pendant with Lapidary item cut & set by entrant		g
I 25.2	Commercial Mount Jewellery Pendant with Lapidary item cut & set by entrant.	PT02	g
N 25.3	Commercial Mount Jewellery with Lapidary item cut & set by entrant.	PT03	g
J 25.4	Commercial Mount Jewellery with Lapidary item cut & set by entrant.	AT01	g

**GROUP 26 ENAMELLING**

Section No.	Description	Trophy	Special condition
O 26A.1	Enamelled Jewellery in Commercial Mount		g
N 26A.2	Enamelled Jewellery in Commercial Mount		g
O 26B.1	Enamelled Jewellery without Mount		g
N 26B.2	Enamelled Jewellery without Mount		g
O 26C.1	Enamelled Non-Jewellery Functional	AT05	h
N 26C.2	Enamelled Non-Jewellery Functional		h

**GROUP 27 GENERAL METALCRAFT**

Section No.	Description	Special condition
O 27A.1	General Metalcraft, not intended to include Lapidary, Fossil or mineral item	g
N 27A.2	General Metalcraft, not intended to include Lapidary, Fossil or Mineral item	g



**GROUP 28 METAL SHEET WORK**

Section No.	Description	Special condition
O 28A.1	Bas Relief or Impressed Pattern	g

**GROUP 32 FOSSILS**

Section No.	Description	Trophy	Special condition
O 32A.1	Single specimen- Vertebrate Australian	AT08	j
N 32A.2	Single specimen – Plant Australian	AT08	j
J 32A.3	Single specimen - Any Type Any Location	AT08	j

**Maximum plan size of whole group NOT to exceed 200mm x 200mm**

O 32B.1	Group of 3 Mixed Australian	AT08	aj
N 32B.2	Group of 3 Mixed Any location	AT08	aj
J 32B.3	Group of 3 Mixed Any Location	AT08	aj

**GROUP 34 MINERAL NON-DISPLAY**

Section No.	Description		Trophy	Special condition
O 34A.1	Single Australian Crystal faceting quality		AT13	a
N 34A.2	Single Australian Specimen	Miniature	AT12	a
J 34A.3	Single Australian Specimen	Miniature	AT19	a
O 34A.4	Any Australian Crystal Cluster	Miniature	AT09, AT13, AT27	a
N 34A.5	Crystal Cluster - Any location	Miniature	AT12, AT27	a
O 34B.1	Group of 3 Australian Crystal Clusters - Gypsum	Miniature	AT19	a
N 34B.2	Group of 3 Australian Crystal Clusters – Quartz	Miniature	AT09, AT13, AT27	a
J 34B.3	Group of 3 Australian Crystal Clusters - Quartz	Miniature	AT19	a
O 34B.4	Group of 3 Australian Crystal Clusters	Thumbnail	AT09, AT13, AT27	a
I 34B.5	Group of 3 Australian Crystal Clusters	Thumbnail	AT27	a
N 34B.6	Group of 3 Thumbnail specimens	Any Location	AT12, AT27	a
J 34B.7	Group of 2 Thumbnail Specimens	Any Location	AT19	a

**GROUP 37 MINERAL SHOWCASE DISPLAY**

Section No.	Description	Trophy
O 37B.1	Mineral Showcase Display Lit	AT20

## **DEHNE & MAUREEN'S MINERALS**

**HOBART TASMANIA**



Bringing a wide range of quality specimens from our Australian mining project at the Malbunka Copper mine and other sources in Australia and overseas including:

**Azurite suns from Central Australia**

**Crocoite – Adelaide Mine**

**Native Copper – DeGrussa Mine, WA**

**Rhodochrosite – Sweet Home Mine**

**Panasqueria minerals,**

**Herkimer Diamonds,**

**Red Cloud wulfenite,**

**Cassiterite, Scheelite**

**Outstanding collection pieces**

**Mobile 0402 450 905**

**Email: [dehne.mclaughlin@bigpond.com](mailto:dehne.mclaughlin@bigpond.com)**

## TAILGATING APPLICATION FORM

GEMBOREE 2018– WILLUNGA S.A.

Mail to Tailgating Coordinator -P.O. Box 357 Blackwood S.A. 5051  
or Email (Direct Credit payments only) to [clrowe1@bigpond.com](mailto:clrowe1@bigpond.com)

I wish to apply for permission to tailgate at the 2018 GEMBOREE in Willunga. 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 ..... GIVEN NAME .....

ADDRESS.....

PHONE..... MOBILE .....

EMAIL.....

Please circle the days you wish to Tailgate:

Friday 30th March    Saturday 31st March    Sunday 1st April    Monday 2nd April

**FEES:**    **\$50 PER DAY or part thereof** for 4m x 8m trading space.

Note: Proof of Current Public and Property Liability Insurance is required.

**PAYMENT: TAILGATING FEE** .....DAYS @ \$50 per day    \$.....

**REGISTRATION – OFF SITE**

daily entrance \$8 per day /4 day pass \$30 per adult    \$ .....

**TOTAL Enclosed**

please circle: Cheque    Money Order    Direct Credit    \$ .....

Signed ..... Date .....

Terms & Conditions:

1. I will abide by the following terms and conditions to tailgate at GEMBOREE 2018
2. I will trade only within the times and areas allotted to me by the organisers.
3. I will trade in a respectful manner at all times and follow instructions from the organisers.
4. Application to tailgate does not entitle me to trade except upon acceptance by the organisers and receipt of the permit to trade
5. I agree to pay the appropriate registration fee as a participant of GEMBOREE 2018 and to pay the required tailgating fees
6. Should I contravene any part of this contract, I agree to vacate the GEMBOREE 2018 site and forfeit all monies paid.

PLEASE MAKE ALL CHEQUES PAYABLE TO: GMCASA GEMBOREE ACCT

Direct Credit to BSB 105 116 ACCT: 072298440

Ensure clear identification and tick box if using Direct Credit ☐

Contact Convenors Chris Rowe or Tony Noel for any enquiries

## COMPETITION ENTRY FORM

**MAIL TO:** GEMBOREE COMPETITION CO-ORDINATOR - P.O. Box 357 Blackwood S.A. 5051

Entry forms for all sections must be received no later than Monday 15th of January 2018 together with entry fee of \$ 5.00 sufficient funds to cover cost of return (Registered post preferred) and a stamped self-addressed envelope for return of receipt. Please note all cheques to be made payable to GMCASA-GEMBOREE

NAME..... ADDRESS.....

STATE..... POST CODE..... TELEPHONE No..... MOBILE.....

EMAIL..... FULL NAME OF CLUB.....

Date of birth (Juniors Only) ..... Under 16 at 15th January 2018

Number of entries ..... Entry Fee flat rate \$5.00 ..... \$5.00

Will collect entries ..... OR Return postage (Registered Post Recommended) \$ .....

Signed..... **TOTAL ENCLOSED \$**.....

I require my entries to be returned as ABOVE OR (please supply clear instructions) .....

**Please note:** It is recommended that all mail entries be sent Registered or Express Post.

**Entries in these sections must be in the hands of the Competition Committee by Monday 15th of January 2018. Please show number of entries in each of these sections below.**

O1A.1	I 1A.2	N1A.3	J1A.4	O1A.5	I 1A.6	N1A.7	O1B.1
I1B.2	N1B.3	J1B.4	O1B.5	I1B.6	N1B.7	O2A.1	I2A.2
N2A.3	J2A.4	O2B.1	I2B.2	N2B.3	O3.1	I3.2	N3.3
J3.4	O3.5	I3.6	N3.7	J3.8	O4A.1	O4B.1	N4B.2
J4B.3	O4C.1	N4C.2	O6.1	N6.2	O8A.1	I8A.2	N8A.3
J8A.4	O8B.1	I8B.2	N8B.3	O9A.1	J9A.2	I9B.1	N9A.2
O10.1	I10.2	N10.3	O11.1	I11.2	N11.3	J11.4	O12A.1
I12A.2	N12A.3	O12B.1	N12B.2	O18A.1	I18A.2	N18A.3	J18A.4
O18B.1	O18B.2	I18B.3	N18B.4	O18C.1	N18C.2	O18D.1	N18D.2
O18E.1	N18E.2	J18E.3	O19A.1	O20A.1	N20A.2	O21A.1	N21A.2
O24A.1	N24A.2	O25.1	I25.2	N25.3	J25.4	O26A.1	N26A.2
O26B.1	N26B.2	O26C.1	N26C.2	O27A.1	N27A.2		

Entries in the sections below are to be set up ready for judging by 5pm Thursday 24th March 2018. Please show number of entries in each of these sections below. A maximum of 2 entries per person per section is allowed.

O5A.1	O5A.2	N5A.3	J5A.4	O5B.1	I5B.2	N5B.3
O5C.1	N5C.2	O7A.1	N7A.2	O7B.1	N7B.2	O13.1
I13.2	N13.3	O14.1	N14.2	O16.1	N16.2	J16.3
O17.1	I17.2	N17.3	J17.4	O28A.1	O32A.1	N32A.2
J32A.3	O32B.1	N32B.2	J32B.3	O34A.1	N34A.2	J34A.3
O34A.4	N34A.5	O34B.1	N34B.2	J34B.3	O34B.4	I34B.5
N34B.6	J34B.7					

Showcase Dimensions – Please note only 1 entry per person, per section is allowed.

O29B.1	N29B.2	O31.1	N31.2	O37B.1
W	W	W	W	W
D	D	D	D	D
H	H	H	H	H

## VOLUNTARY ASSISTANCE FORM

### GEMBOREE 2018 – WILLUNGA S.A.

Mail to: GEMBOREE SA -P.O. Box 357 Blackwood S.A. 5051

Please contact Convenors Chris Rowe or Tony Noel for any enquiries

The staging of a GEMBOREE is a massive task and we are thankful for any assistance offered. Please indicate below which areas, days and times you are available to assist.

The major areas where assistance is greatly appreciated are:

CAMPSITE MARKING etc – From Tuesday 27th March

CAMPSITE GATES – From noon Wednesday including overnight Wed and Thurs

EXHIBITION HALL SETTING UP – From Tuesday pm

EXHIBITION DOORS – From noon Friday to Monday closing

EXHIBITION HALL STEWARD – During opening hours of the Show

EXHIBITION DISMANTLING

CAMPSITE CLEANUP TRESTLE LOADING ETC

OTHER ASSISTANCE: please specify .....

SURNAME ..... GIVEN NAME .....

ADDRESS.....

PHONE ..... MOBILE.....

EMAIL.....

Areas where you are offering to help

.....

.....

.....

.....

.....

Times you are available between Tuesday 27th March and Tuesday 3rd April.

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## REGISTRATION FORM

### GEMBOREE 2018– WILLUNGA S.A.

**Mail to: Campsite Coordinator GEMBOREE SA -P.O. Box 357 Blackwood S.A. 5051**

Registration covers from noon Wed 28th March to 10am Tuesday 3rd April 2018.

No refunds for cancellations after 1st February, 2018. Power is limited to lights & fridges ONLY.  
No Generators please. Ensure water tanks are full on arrival and be aware that some sites will require longer leads. Remember all electrical leads must have current testing tags. Pets must be on lead at all times and are not permitted in the hall. Site Entry will be from Railway Terrace.

Surname: ..... Given Names: .....

Address: .....

State: ..... Postcode: ..... Tel No: ..... Mobile:.....

Email: ..... Club: .....

**CAMPSITE ACCOMMODATION** Close to toilets Yes / no      Disability permit yes / no

Caravan .....m x .....m      Annex .....m x .....m

Camper/van/mobile home .....m x .....m      Annex .....m x .....m

Tent .....m x .....m      Annex .....m x .....m

**On Site Fees:** for 2 adults and up to 4 school age children

Powered Site      \$130.00      \$..... (30m power lead required)

Unpowered Site      \$100.00      \$.....

Tent powered      \$70      \$.....

Tent unpowered      \$50      \$.....

Extra Vehicle      \$5.00      \$.....

Extra Adults      No.....@ \$25.00      \$.....

Special requests .....

**Off-Site Fees: GEMBOREE PASS** Per person for the duration of the GEMBOREE

Adults      No.....@ \$25.00      \$.....

Student/ Seniors      No.....@ \$20.00      \$.....

**Children under 14 FREE**      \$.....

Family (2 Adults + 2 Children) \$20.00

**TOTAL ENCLOSED**      \$.....

**Cheques payable to GMCASA GEMBOREE**

**Direct Credit to BSB 105 116 ACCT: 072298440**

Ensure clear identification

Please enclose a stamped self-addressed envelope for return of receipt and site information.

**ENTRY FEES PER DAY**      Adult \$8.00 -Student/Senior \$5.00 – Family \$15.00  
(payable at the gate)



## The International Faceting Challenge



At the Willunga Gemboree 2018 you will have an opportunity that should not be missed - to see the work of the very top faceters. Not just from Australia, but from around the world.

This is because you will be able to see the stones these people have cut in a very special faceting competition, which has become second to none the world over. It is known as the 'International Faceting Challenge'.

The International Faceting Challenge is a world class faceting competition which is run and sponsored by the Australian Faceters' Guild. The Guild is an organisation which began in Warwick, Queensland in 1981 and is Australia's largest single lapidary organisation. It has been responsible for promoting the art of faceting and related activities throughout Australia and has achieved world-wide recognition.

The Challenge Cup (photograph below) is a perpetual trophy and is a silver cup mounted on a polished mahogany base. There are plates fixed to the wooden base, on which have been engraved with the names of the faceters comprising each of the winning and the runner-up teams since the competition began. The very first International Faceting Challenge was held at Loxton in 1986.

In 2018 the results of the seventeenth International Faceting Challenge will be on display at the Gemboree at Willunga.

The International Faceting Challenge (IFC) had its beginning in September 1984 when three Australian Faceters' Guild members who at the time were on their way to the annual Guild Seminar in Warwick, Queensland conceived the idea of challenging the faceters of the USA to a faceting competition.

The first Challenge was launched the same year. Since the initial challenge was finalised at the Gemboree at Loxton, South Australia at Easter 1986 (won by the USA team), a new challenge has been conducted every two years, with the results being published and stones being displayed at the Gemboree on each occasion.

The five entrants from each country/region who obtain the highest points for their entries constitute the team for their country. In addition to this, the competitor with the highest points is named the Individual Champion.

The International Faceting Challenge has been very well received by overseas faceters, and is seen as the Olympics of faceting. Although the basics have not changed greatly over the period the challenge has been running, there have been small changes introduced along the way which have resulted in the refining and improvement of the competition.

The Champion Facetor Shield is engraved with the name of the faceter who tops the individual score for each competition.

As a point of interest 21 competitors have received the maximum 100 points for an entry from 1986 to 2014.

### International 100 Point Club!

1988	Frank Dickson (Aust),	Vic Kostic (Aust)	David Moore (USA)
1990	Norm Coates (Aust)		
1994	Des Stennett (Aust)		
1996	Ralph Mathewson (USA)		
1998	Ralph Mathewson (USA)	Ewing Evans (USA)	
2000	Des Stennett (Aust)		
2002	Des Stennett (Aust)		
2006	Des Stennett (Aust)	Walt Haller (Aust)	
2008	Ewing Evans (USA)		
2010	John Rose (Aust)	James Clarke (USA)	
2012	Tomohiro Karino (USA)	Victor Tuzlukov (Russia)	Felix Kirchhofer (Switzerland)

Full details of the International Faceting Challenge are available from the AFG Website: [www.facetorguild.com.au](http://www.facetorguild.com.au)



**\*Gemstone**

**\*Mineral**

**\*Freshwater Pearls**

**\*Swarovski Crystals**

**\*Jewellery**

\*

**Tasmanian Stichtite in  
Serpentine & Nephrite**

\*

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## The Jack Bushby Award

### Novice Champion Facetor

Jack Bushby was a carpenter / builder and it wasn't until the late 1960's, well into Jack's life that he became interested in Gems and Minerals. He developed a comprehensive Mineral Collection and then moved from Lapidary to Faceting, (he taught himself to facet) this became his most loved and important challenge. He was involved with many Gem and Mineral Clubs and held

positions on several committees. He was also one of South Australia's well known Judges in both Lapidary and Faceting.

As Len Dallow commented Jack was a perfectionist in everything he undertook, leading to him being one of the best facetors in Australia at the time. He was well known for his many glass faceted animals where he created a comprehensive faceting pattern for each animal – many of his animals have found homes around Australia.

Jack shared his skills in Lapidary and his passion for Faceting, encouraging cutters to reach Level 4 Competition standard. He set high expectations for his students and is remembered as a patient instructor who encouraged and inspired his students to produce their best efforts.

In 1997 there were no major awards for novice faceting and following an application to AFLACA by a group of South Australian facetors, the Jack Bushby Award was approved and a trophy designed. Jack's comment when told of the approval was "Gee I am going National". Sadly, Jack did not live to see the award presented. Jack will be remembered for many years to come as one of the great identities in faceting.



The Novice Champion Facetor was first awarded at the 1998 GEMBOREE in Gawler and won by one of Jack's student, Ben Neven of Southern Rockhounds. This is now an annual award. The original Perpetual Trophy which includes a dog and a lamppost faceted by Jack, will be on display at the WILLUNGA GEMBOREE.



## Hallett Cove Conservation Park

While you are participating in the GEMBOREE take the time to discover one of Australia's most outstanding geological and archaeological sites at the Hallett Cove Conservation Park, where more than 1,700 Aboriginal artefacts have been found.

An interpretative walking trail describes the park's cultural and geological heritage, including evidence of an Australian ice age some 280 million years ago. The outstanding glacial pavements along the northern cliff tops are recognized as the best record of Permian glaciation in Australia and have international significance.

This area was proclaimed as a conservation park in 1976 primarily to conserve its geological features. These features are of worldwide significance, particularly as a record of an ice age about 280 million years ago. Four main periods of geological history in the Hallett Cove area are described on the trailheads at the entrances and along the trails. The park also conserves native flora and fauna.

In 1875, Professor Ralph Tate found the smoothed and striated 'glacial' pavement at Black Cliff and was the first person to realize that South Australia had been subjected to an ice age. But which one? The age of the glaciation was debated until in 1895 Professor Walter Howchin suggested that it was of Permian-Carboniferous age, that is about 280 million years old.

Subsequent geological work has demonstrated that at that time Australia was much closer to Antarctica and was part of the ancient land mass called Gondwana. During that time the south-western two-thirds of Australia, including much of South Australia, was covered by an ice cap and glaciers, similar to present day Antarctica.

In 1957, Professor AR Alderman from the University of Adelaide wrote to the National Trust recommending that the excellent glacial pavements along the coastal cliff tops of Hallett Cove be preserved. For the 19 years following this letter, conservationists

and community groups fought to preserve these valuable geological sites against suburban development. Finally, in 1976 the park was dedicated for the protection of features of scientific (geological) and historic interest in the Hallett Cove area.

Hallett Cove Conservation Park is beautiful all year round. Spring sees the wildflowers come in to bloom and animals start to become active again after the cooler months. Summer shows the harsh nature of the Adelaide Coastline as many plants revert to 'survival mode' with the ocean cliffs offering a cool retreat during the high summer heat. Autumn has the plants regaining their vigour with many bird species on show. Winter can bring spectacular storms with the beach conditions changing daily - from pure pebbles to sand almost overnight.

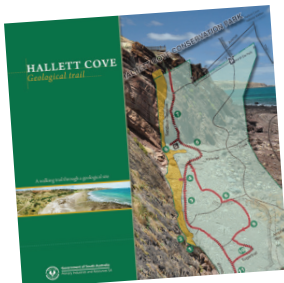
Aboriginal stone implements were first discovered at Hallett Cove in 1934 and over a period of 30 years, more than 1700 artefacts were collected, and are now part of the South Australian Museum collection. Aboriginal South Australians are the first peoples of our State and have occupied, enjoyed and managed these lands and waters since the creation. For SA's First Peoples, creation ancestors laid down the laws of the Country and bestowed a range of customary rights and obligations to the many Aboriginal Nations across our state.

Aboriginal peoples' oral histories and creation stories traverse the length and breadth of Australia's lands and waters, including South Australian Parks. These stories interconnect land and waters with complex meaning and values and hold great cultural significance. We recognize and respect Aboriginal people's ownership of their stories and that they hold rights and obligations to care for Country. It is through these rights and cultural obligations and a shared goal to protect the environment for generations to come that DEWNR is committed to meaningful collaboration and involvement with Aboriginal peoples in the management of our shared parks.

*Courtesy of SA Parks*

[http://www.environment.sa.gov.au/parks/Find\\_a\\_Park/Browse\\_by\\_region/Adelaide/hallett-cove-conservation-park](http://www.environment.sa.gov.au/parks/Find_a_Park/Browse_by_region/Adelaide/hallett-cove-conservation-park)

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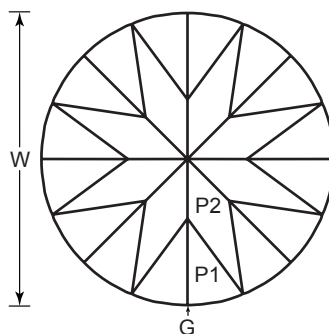
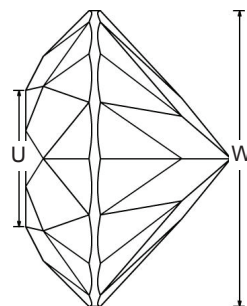
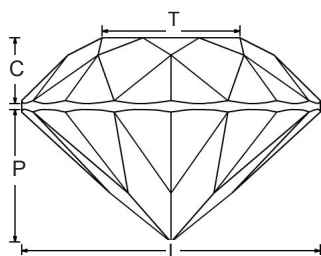
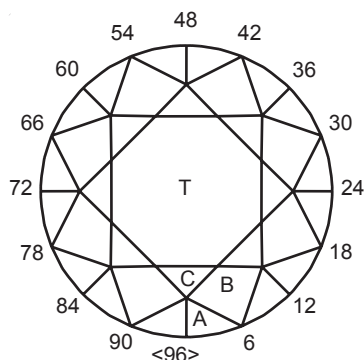


For the Geological Society of Australia –  
South Australia Division brochure on *Hallett Cove*  
— a walking trail through a geological site visit:  
[http://www.sa.gsa.org.au/Field\\_Guides.html](http://www.sa.gsa.org.au/Field_Guides.html)

## Standard Round Brilliant with Continuous Girdle

Section O 8A.1 Australian Amethyst  
 Section I 8A.2 Australian Amethyst  
 Section N 8A.3 Australian Amethyst  
 Section J 8A.4 Australian Amethyst

Facets 58: Meets 41 (Crown - 24, Pavilion - 17)  
 Angles for R.I. = 1.540  
 57 + rolled girdle  
 8-fold, mirror-image symmetry  
 96 index  
 $L/W = 1.000$   $T/W = 0.516$   $U/W = 0.516$   
 $P/W = 0.476$   $C/W = 0.228$   
 $Vol. / W^3 = 0.250$



### PAVILION

P1	45.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93
G	90.00°	
P2	43.00°	06-18-30-42-54-66-78-90

### CROWN

A	47.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93
B	42.00°	06-18-30-42-54-66-78-90
C	26.00°	96-12-24-36-48-60-72-84
T	0.00°	

Cut to TCP

Cut to size, "rolled girdle"

MP, P1 at girdle, form PCP

Set girdle thickness

MP, A at girdle

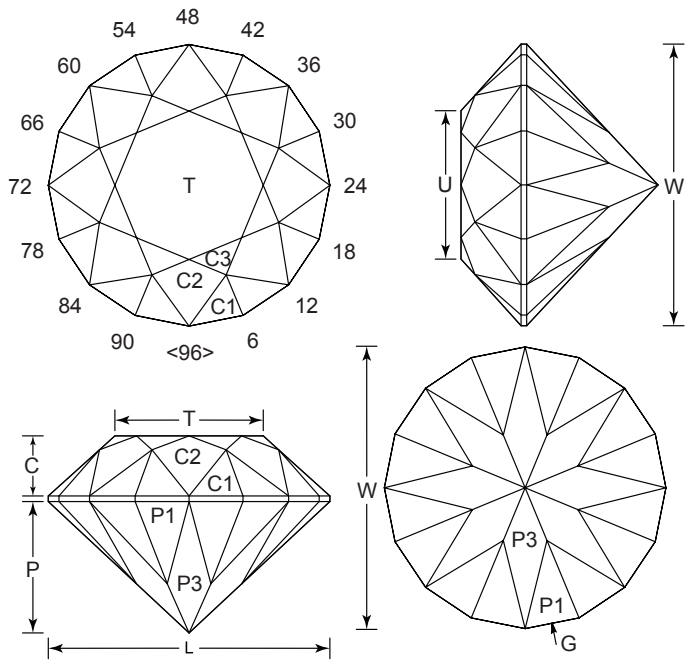
MP, A - B

Table

# Standard Brilliant with Faceted Girdle

Section O 8B.1 Australian Citrine  
Section I 8B.2 Australian Citrine  
Section N 8B.3 Australian Citrine

Facets 73: Meets 57 (Crown - 32, Pavillion - 25)  
Open section O 8B.1 Specified size 8.5mm  
Intermediate Section I 8B.2 Specified size 7mm  
Angles for R.I. = 1.540  
57 + 16 girdles = 73 facets  
8-fold, mirror-image symmetry  
96 index  
 $L/W = 1.000$   $T/W = 0.527$   $U/W = 0.527$   
 $P/W = 0.466$   $C/W = 0.213$   
 $Vol./W^3 = 0.240$



## PAVILION

P1	45.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93
G	90.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93
P3	43.00°	96-12-24-36-48-60-72-84

## CROWN

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

Form TCP

Set size

Meet P1, G at girdle, form PCP

Set girdle thickness

Meet C1, C1 at girdle

Meet C2, C2, C1, C1

Table Meet C3, C2



## Standard oblong step cut with cut corners

Section O 9A.1	Australian colourless quartz
Section N 9A.2	Coloured quartz
Section J 9A.3	Coloured quartz

Facets 53: Meets 44 (Crown - 24 Pavillion - 20)  
Open section O 9A.1 Specified size 15mm x 10mm

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

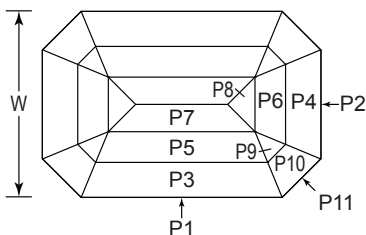
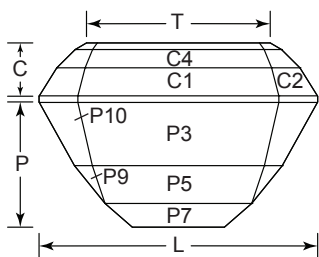
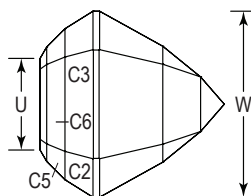
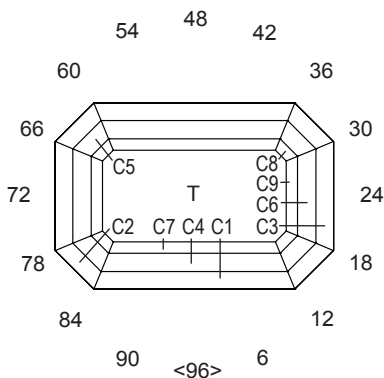
2-fold, mirror-image symmetry

96 index

$L/W = 1.498$   $T/W = 0.988$   $U/W = 0.493$

$P/W = 0.674$   $C/W = 0.287$

$Vol./W^3 = 0.785$



### PAVILION

P1	90.00°	96-48	Set width
P2	90.00°	24-72	Set length
P3	61.00°	96-48	Locate girdle
P4	61.00°	24-72	Level girdle
P5	51.00°	96-48	Judge depth by eye one third
P6	51.00°	24-72	Judge depth by eye one third
P7	41.00°	96-48	Judge depth by eye one third, form keel
P8	41.00°	24-72	Judge depth by eye one third
P9	51.00°	12-36-60-84	Cut corner to meet P5 & P6
P10	61.00°	12-36-60-84	Cut corner
P11	90.00°	12-36-60-84	Level girdle

### CROWN

C1	58.00°	96-48	Set girdle width
C2	58.00°	12-36-60-84	Level girdle
C3	58.00°	24-72	Level girdle
C4	45.00°	96-48	Judge height by eye
C5	45.00°	12-36-60-84	Meet C1-C2-C3
C6	45.00°	24-72	Meet C2-C3-C5
C7	30.00°	96-48	Cut as required, Meet C4-C5
C8	30.00°	12-36-60-84	Meet C4-C5-C7
C9	30.00°	24-72	Meet C5-C6-C8
T	0.00°		Table Judge height by eye

## Standard square step cut with cut corners

Section I 9B.1

Colourless Quartz

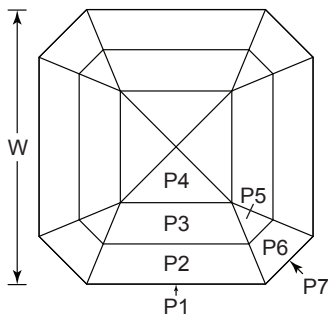
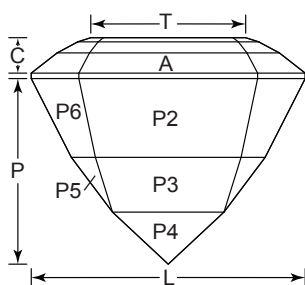
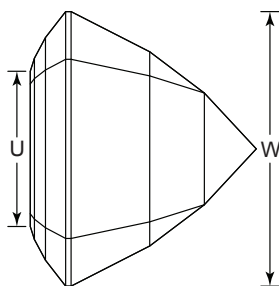
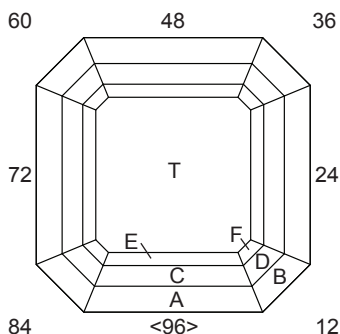
Facets 53: Meets 45 (Crown - 24, Pavilion - 21)

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

4-fold, mirror-image symmetry

96 index

 $L/W = 1.000$   $T/W = 0.566$   $U/W = 0.566$  $P/W = 0.676$   $C/W = 0.129$  $Vol./W^3 = 0.377$ 

### PAVILION

P1	90.00°	96-24-48-72	Set size
P2	63.00°	96-24-48-72	Locate girdle
P3	53.00°	96-24-48-72	Judge depth by eye one third
P4	43.00°	96-24-48-72	Judge depth by eye one third
P5	53.00°	12-36-60-84	Cut corner to meet P4
P6	63.00°	12-36-60-84	Level tier, meet P2, P3, P4
P7	90.00°	12-36-60-84	Level girdle, meet P1, P2, P6

### CROWN

A	38.00°	96-24-48-72	Set girdle thickness
B	38.00°	12-36-60-84	Level girdle, meet A, P1, P7
C	28.00°	96-24-48-72	Judge height by eye
D	28.00°	12-36-60-84	Level tier, meet A, B, C
E	18.00°	96-24-48-72	Judge height by eye
F	18.00°	12-36-60-84	Level tier, meet C, D, E
T	0.00°		Table Judge height by eye

## Centeyre Brilliant

Section O 10.1

Colourless Topaz

Section I 10.2

Colourless Topaz

*N.B. the pavilion girdle edge is deliberately overcut by P2.*

Design by Clem Kwaterski, Wudinna,  
South Australia

Facets 97. Meets 49 (Crown 24, Pavilion 25)

Angles for R.I. = 1.610

89 + 8 girdles = 97 facets

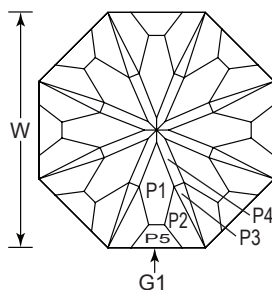
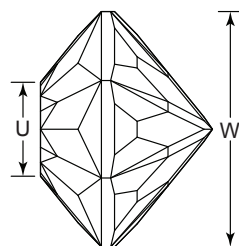
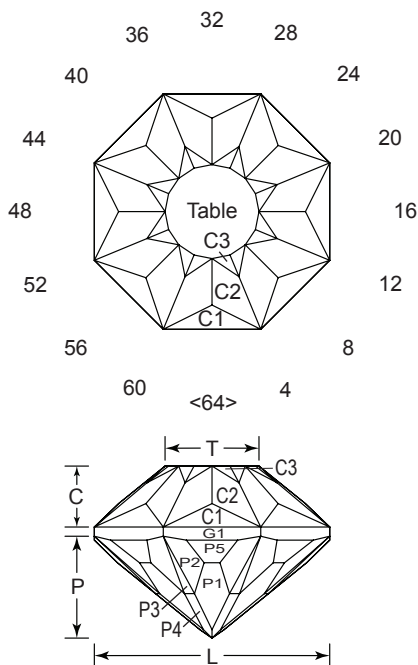
8-fold, mirror-image symmetry

64 index

$L/W = 1.000$   $T/W = 0.399$   $U/W = 0.399$

$P/W = 0.433$   $C/W = 0.258$

$Vol./W^3 = 0.278$



### PAVILION

P1	39.00°	64-08-16-24-32-40-48-56	establish TCP
G1	90.00°	64-08-16-24-32-40-48-56	establish width & level girdle
P2	41.00°	02-06-10-14-18-22-26-30 34-38-42-46-50-54-58-62	meet at G1
P3	40.00°	04-12-20-28-36-44-52-60	meet G1 & P2
P4	37.00°	04-12-20-28-36-44-52-60	meet P1, P2, P3 Create PCP
P5	44.50°	64-08-16-24-32-40-48-56	make base of facet 50% of girdle width

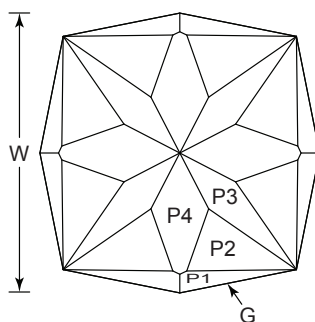
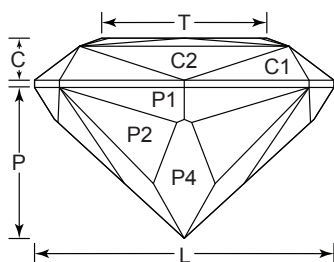
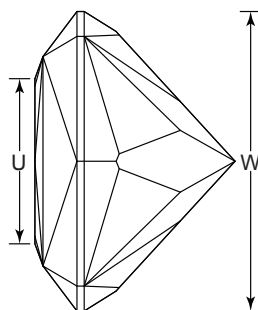
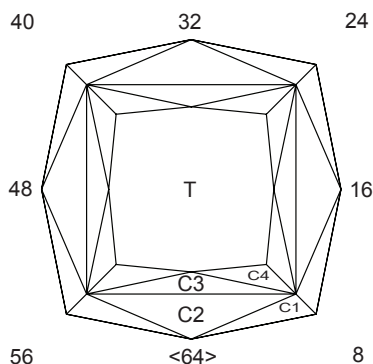
### CROWN

C1	44.00°	64-08-16-24-32-40-48-56	establish girdle thickness & level
C2	39.00°	01-07-09-15-17-23-25-31 33-39-41-47-49-55-57-63	meet C1 & G1
Table	0.00°	Table	cut table approx 45% stone width
C3	36.00°	02-06-10-14-18-22-26-30 34-38-42-46-50-54-58-62	meet C2 and Table

## JBCross

Section N 10.3 Colourless Topaz

Design by the late Jack Bushby  
 Facets 57: Meets 25 ( Crown - 16, Pavilion - 9)  
 Angles for R.I. = 1.610  
 49 + 8 girdles = 57 facets  
 4-fold, mirror-image symmetry  
 64 index  
 $L/W = 1.000$   $T/W = 0.552$   $U/W = 0.552$   
 $P/W = 0.504$   $C/W = 0.140$   
 $Vol./W^3 = 0.266$



## PAVILION

G	90.00°	02-14-18-30 34-46-50-62	Size stone
P1	58.50°	02-14-18-30 34-46-50-62	Establish Girdle at approx 75% of stone depth
P2	47.00°	03-13-19-29 35-45-51-61	Meet at P1, G
P3	40.50°	08-24-40-56	Meet at P1, P2, G
P4	42.50°	64-16-32-48	Meet at Culet, this facet does not meet at P1

## CROWN

C1	55.00°	02-14-18-30 34-46-50-62	Establish Girdle thickness
C2	37.00°	64-16-32-48	Meet at C1, G
C3	20.00°	64-16-32-48	Meet at C1 & C2
C4	14.00°	01-15-17-31 33-47-49-63	Meet C1, C2 & C3
T	0.00°	Table	Meet at C3, C4

## Checker Oval

Section O 11.1 Topaz

Facet Design Vol 1A

Facets 74: Meets 53 (Crown 30, Pavilion 23)

Angles for R.I. = 1.610

58 + 16 girdles = 74 facets

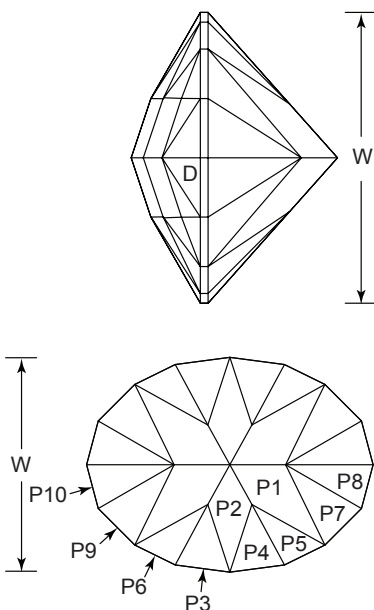
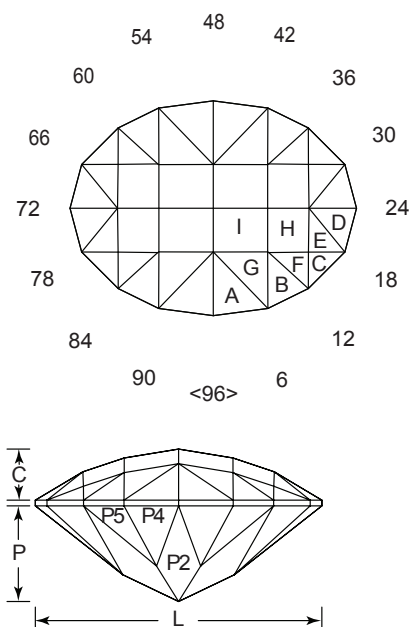
2-fold, mirror-image symmetry

96 index

L/W = 1.334

P/W = 0.445 C/W = 0.238

Vol./W<sup>3</sup> = 0.285



### PAVILION

P1	38.18°	10-38-58-86	Cut PCP
P2	41.66°	96-48	Cut to meet PCP
P3	90.00°	02-46-50-94	Establish girdle position using P1 and P2 as guides
P4	43.16°	02-46-50-94	Form meetpoint with girdle facet P3
P5	41.26°	07-41-55-89	Meet P4-P2
P6	90.00°	07-41-55-89	Meet P4-P5
P7	39.17°	12-36-60-84	Meet P5 with girdle facet P6
P8	39.17°	20-28-68-76	Meet P7-P1
P9	90.00°	12-36-60-84	Level girdle to meet P1-P7
P10	90.00°	20-28-68-76	Level girdle to meet P7, P8, and P9

### CROWN

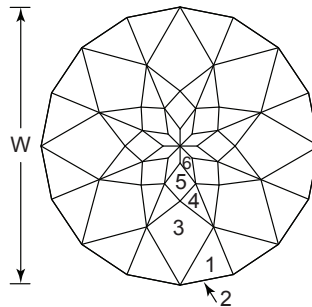
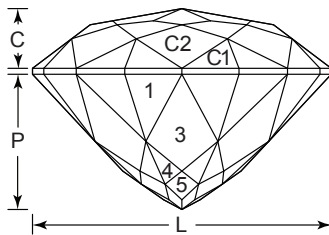
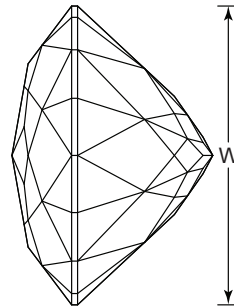
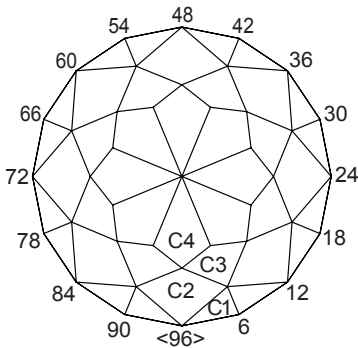
A	30.00°	02-46-50-94	Set girdle width
B	28.44°	07-41-55-89	Set girdle width
C	28.35°	12-36-60-84	Set girdle width
D	31.63°	20-28-68-76	Set girdle width
E	26.90°	13-35-61-83	Meet D-C @ girdle
F	26.90°	11-37-59-85	Meet C-B @ girdle
G	27.17°	05-43-53-91	Meet A-B @ girdle
H	25.28°	12-36-60-84	Meet C-F-E, E-D
I	20.42°	07-41-55-89	Meet G-B-F, A-G

## Priory Special

Section I 11.2

Colourless man made Cubic  
Zirconia

Design by Kelvin Smith, Traralgon, Victoria  
Facets 112: Meets 74 (Crown - 33, Pavillion - 41)  
Angles for R.I. = 1.540  
96 + 16 girdles = 112 facets  
8-fold, mirror-image symmetry  
96 index  
L/W = 1.000  
P/W = 0.452 C/W = 0.200  
Vol./W<sup>3</sup> = 0.238



### PAVILION

1	51.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93	Cut to TCP
2	90.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93	Establish width & level girdle
3	47.00°	96-12-24-36-48-60-72-84	Meet P1 & G1 create new TCP
4	41.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93	Meet P1 & P2 create new TCP
5	35.00°	96-12-24-36-48-60-72-84	Meet P2 & P3 create new TCP
6	30.00°	06-18-30-42-54-66-78-90	Meet P3 & P4 create PCP

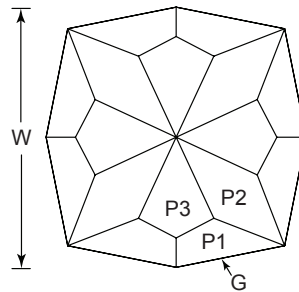
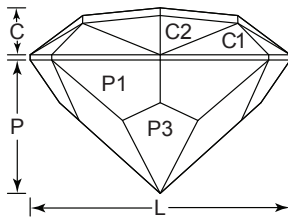
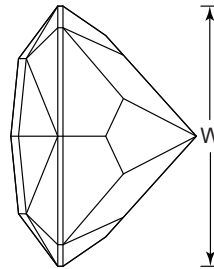
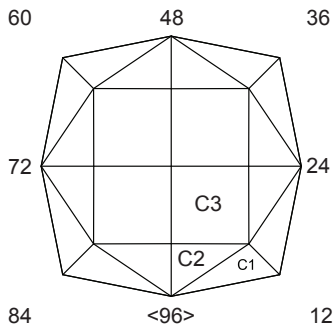
### CROWN

C1	45.00°	03-09-15-21-27-33-39-45 51-57-63-69-75-81-87-93	Establish thickness & level girdle
C2	37.00°	96-12-24-36-48-60-72-84	Meet C1 & Girdle
C3	22.00°	06-18-30-42-54-66-78-90	Meet C1 & C2
C4	10.00°	96-12-24-36-48-60-72-84	Meet C2 & C3 establish PCP

## Checker Top Old Mine

Section N 11.3 Coloured man made Cubic Zirconia

by Normal W. Steele Oct'91  
 Facets 44: Meets 26 (Crown - 17, Pavilion - 9)  
 Angles for R.I. = 2.160  
 36 + 8 girdles = 44 facets  
 4-fold, mirror-image symmetry  
 96 index  
 L/W = 1.000  
 P/W = 0.513 C/W = 0.181  
 Vol./W<sup>3</sup> = 0.268



### PAVILION

P1	56.00°	03-21-27-45	Cut to TCP
		51-69-75-93	
G	90.00°	03-21-27-45	Set size
		51-69-75-93	
P2	41.00°	12-36-60-84	Cut to form PCP
P3	42.00°	96-24-48-72	Meet at PCP

### CROWN

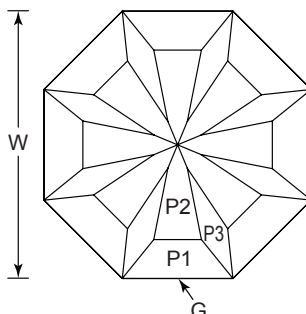
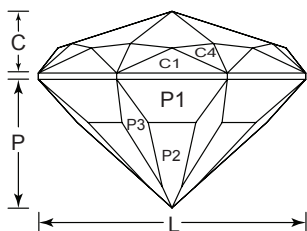
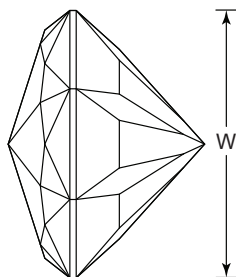
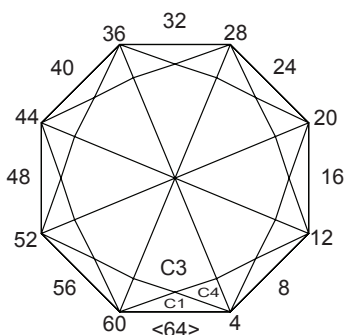
C1	41.00°	03-21-27-45	Set girdle thickness
		51-69-75-93	
C2	37.00°	02-22-26-46	Meet C1 at G
		50-70-74-94	
C3	8.00°	12-36-60-84	Meet C1, C2 form Apex



## Petunia

Section J 11.4 Colourless Topaz

Design by the late Jack Bushby  
 Facets 64: Meets 34 (Crown - 25, Pavillion - 9)  
 Angles for R.I. = 1.610  
 56 + 8 girdles = 64 facets  
 8-fold, mirror-image symmetry  
 64 index  
 $L/W = 1.000$   
 $P/W = 0.481$   $C/W = 0.231$   
 $Vol./W^3 = 0.254$



### PAVILION

P1 48.00° 64-08-16-24-32-40-48-56

G 90.00° 64-08-16-24-32-40-48-56

P2 42.00° 64-08-16-24-32-40-48-56

P3 42.00° 04-12-20-28-36-44-52-60

Cut to TCP

Set size

Cut to leave P1 1/3 of original

Meet P1 & G

### CROWN

C1 52.00° 64-08-16-24-32-40-48-56

C2 39.90° 02-06-10-14-18-22-26-30

34-38-42-46-50-54-58-62

C3 17.80° 64-08-16-24-32-40-48-56

Set girdle thickness

Meet G & C1

Establish PCP meet C1 & C2.

## Perpetual Trophies

*If tied the entrant with the highest scoring entry will be the winner.*

### PT01 Tom Jenkins

#### OPEN CHAMPION LAPIDARY

*Donor: Victorian Gem Clubs Association*

Highest aggregate score of entrant's best entry in each of the following 5 Sections.

- O 1A.1 Standard Cabochon
- O 1B.1 Fancy Cabochon
- O 2B.1 Double Fancy Cabochon
- O 4A.1 Opal Doublet
- O 8B.1 Standard Round Brilliant Faceted Girdle

### PT02 Harold Evans

#### INTERMEDIATE CHAMPION LAPIDARY

*Donor: Victorian Gem Club Association*

Highest aggregate score of entrant's best entries from three of the following Intermediate Sections.

- I 1A.2 Standard Cabochon
- I 1B.2 Fancy Cabochon
- I 11.2 Priory Special
- I 25.2 Commercial Mount Jewellery with Lapidary item Cut/set by entrant

### PT03 Norm Patison

#### NOVICE CHAMPION LAPIDARY

*Donor: AFLACA Trophy Fund*

Entrant with the highest aggregate score of entrant's best entry in any FOUR of the following Novice sections.

- N 1A.3 Standard Cabochon
- N 1B.3 Fancy Cabochon
- N 2A.3 Double Standard Cabochon
- N 8A.3 Standard Round Brilliant Continuous Girdle
- N 25.3 Commercial Mount Jewellery with Lapidary item's cut/set by entrant

### PT04 Ray Powel

#### CHAMPION CLUB

*Donor: Gem & Lapidary Council of NSW Inc.*

Awarded to the Club with the highest aggregate member's points.

20 points for the highest score entry in each section

15 points for 2nd highest scoring entry in each section

10 points for 3rd highest scoring entry in each section

5 points for 4th highest scoring entry in each section

## Annual Trophies

*If tied the entrant with the highest scoring entry will be the winner.*

### AT-01 Dorothy Caladine

#### JUNIOR CHAMPION LAPIDARY

*Donor: Mrs Rhonda Sabella*

Entrant with the highest aggregate score of their best entry in any three of the following five Junior sections.

- J 1A.4 Standard Cabochon
- J 1B.4 Fancy Cabochon
- J 3.4 Free Form Any Material not opal
- J 3.8 Free Form Solid Opal
- J 25.4 Commercial Mount Jewellery with Lapidary item cut & set by entrant

**AT-02 Open-Hand Fabricated Jewellery with No Lapidary Items**

*Donor: Far Out Crystals Gem & Minerals*

Entrant with the highest scoring entry in the following section

- O 18A.1 Hand Fabricated Jewellery, not intended to include lapidary, fossil or mineral items.

**AT-03 Dorothy Caladine – Junior Carving**

*Donor: Mrs Rhonda Sabella*

Entrant with the highest scoring entry in the following section

- J 5.A.4 Fully 3 - Dimensional (must be a known form)

**AT-04 The Crystal Habit Trophy Best Mineral of the Show**

*Donor: Peter Beckwith*

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

**AT-05 Val Annear**

OPEN ENAMELLING NON-JEWELLERY

*Donor: Victorian Gem Clubs Association Inc*

Entrant with the highest scoring entry in the following section

- O. 26C.1 Enamelled Non - Jewellery Functional

**AT-06 John S. Ryding**

OPEN HAND MADE JEWELLERY WITH NATURAL FOSSIL OR MINERAL SPECIMEN

*Donor: AFLACA Trophy Fund*

Entrant with the highest scoring entry in the following section

- O. 18C.1 Hand Fabricated Jewellery with natural Mineral/fossil specimen set by entrant.

**AT-07 Harry Miller**

OPEN STANDARD CABOCHON

*Donor: AFLACA Trophy Fund*

Entrant with the highest scoring entry in the following section

- O 1A.5 Standard Cabochon

**AT-08 Earth Stones**

BEST FOSSIL OF THE SHOW

*Donor: Mr J Mommers*

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

**AT-09 George Lude**

OPEN 3 AUSTRALIAN CRYSTAL CLUSTERS

*Donor: Queensland Lapidary & Allied Craft Clubs Association*

Entrant with the highest scoring entry in either of the following sections

- O. 34B.1 Group of 3 Australian Crystal – Gypsum Cluster Miniature
- O 34B.4 Group of 3 Australian Thumbnail Crystal Clusters

**AT-10 Alex Amess**

OPEN FACET CUT

*Donor: Victorian Gem Clubs Association Inc.*

Entrant with the highest scoring entry in the following section

O 10.1 Centeyre

**AT-11 A & E Metal Merchants**

OPEN HANDMADE JEWELLERY WITH LAPIDARY ITEM

*Donor: A & E Metal Merchants*

Entrant with the highest scoring entry in the following section

O. 18B1 Hand fabricated jewellery with lapidary item cut and set by entrant

**AT-12 Jim Johnson**

NOVICE CHAMPION MINERAL ENTRANT

*Donor: GMCASA via AFLACA Trophy Fund*

Entrant with the highest aggregate of Entrant's best entry in any THREE NOVICE Mineral Sections including Showcase.

N 34A.2 Single Australian Specimen

N 34A.5 Crystal cluster any location

N 34B.2 Group of 3 Australian Crystal - Quartz

N 34B.6 Group of 3 thumbnail specimens –any location

**AT-13 Broken Hill Centenary**

OPEN CHAMPION MINERAL ENTRANT

*Donor: Arthur Roffey*

Entrant with highest aggregate score of their best entry in each of the following open sections

O 34A.1 Single Australian crystal faceting quality

O 34A.4 Any Australian crystal cluster

O 34B.1 Group of 3 Australian crystal clusters – gypsum

O34B.4 Group of 3 Australian thumbnail crystal clusters

**AT-14 Ted Koller**

OPEN SOLID OPAL CUT

*Donor: Victorian Gem Clubs Association Inc.*

Entrant with the highest scoring entry in the following section

O 3.5 Free Form Solid Opal

**AT-15 Dazlyn Gems**

JUNIOR STANDARD CABOCHON

*Donor: Mr Darren Arthur, Dazlyn Gems*

Entrant with the highest scoring entry in the following section

J 1A.4 Standard Cabochon any material

**AT-16 Peter Collins**

OPEN CHAMPION FACETOR

*Donor: Australian Facetors' Guild Limited*

Entrant with highest aggregate score of their best entry in the following Open Faceting sections

O 8A.1 Standard Round Brilliant Continuous Girdle

O 10.1 Centeyre

O 11.1 Checker Oval

**AT-17 Arthur Roffey**

OPEN SHOWCASE GENERAL LIT

*Donor: Arthur Roffey*

Entrant with the highest scoring entry in the following section

O 29B.1 General lit

**AT-18 Boris Novic**

OPEN DOUBLE STANDARD CABOCHON

*Donor: Gem & Lapidary Council of NSW Inc.*

Entrant with the highest scoring entry in the following section

O 2A.1 Double Standard Cabochon

**AT-19 Patrick C Murphy**

**JUNIOR CHAMPION MINERAL ENTRANT**

*Donor: Arthur Roffey*

Junior entrant's highest score in any of the Mineral Sections, irrespective of Division including Showcase.

**AT-20 Cyril Kovac**

**OPEN MINERAL SHOWCASE DISPLAY LIT**

*Donor: Pat Kovac*

Entrant with the highest scoring entry in the following section

O 37B.1 Mineral Showcase Display Lit

**AT-21 Brian Bown Open Standard Cabochon Craftsmanship**

*Donor: Mr Brian Bown*

Entrant with the highest scoring entry in the following section

O 1A.1 Standard Cabochon

**AT-22 Jack Bushby Novice Champion Facetor**

*Donor: Southern Rockhounds Inc. South Australia*

Entrant with highest aggregate score of their best entry in any three of the following Novice Faceting sections.

N 9A.2 Standard Oblong Stepcut with Cut Corners

N 10.3 JBCROSS

N 11.3 Checker Top Old Mine

**AT-23 Dick Moppett**

**OPEN STANDARD FACET CUTS**

*Donor: Gem & Lapidary Council of NSW Inc.*

Entrant with highest aggregate score of their best entry in the following Open Faceting sections.

O 8A.1 Standard Round Brilliant Continuous Girdle

O 9A.1 Standard Oblong Stepcut with cut corners

**AT-24 Chas Totterdell**

**OPEN HAND MADE JEWELLERY WITH OPAL**

*Donor: Gem & Lapidary Council of NSW Inc.*

Entrant with the highest scoring entry in the following section

O 18B.2 Hand fabricated jewellery with lapidary item Opals cut and set by entrant

**AT-25 The Lapidary & Gem Clubs of Victoria – OPEN CARVING**

*Donor: Victorian Gem Clubs Association Inc.*

Entrant with the highest scoring entry in the following section

O 5A.1 Fully 3 – Dimensional. Hardness 5 or under

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

*Donor: Mr Paul Howard*

Entrant with the highest scoring entry in the following section

N 18E.2 Wire wrapped jewellery with lapidary item cut and set by entrant

### **AT-27 The Tony Annear OAM Memorial Trophy**

*Donor: AFLACA Trophy Fund*

Entrant with the highest aggregate score of their best entry in each of the following sections.

- Group 1 Cabochon Section 1B Fancy Cabochon
- Group 3 Free Form Section 3.1 Free Form
- Group 5 Carving Section 5B Carving in relief
- Group 8 Faceting Section 10
- Group 8 Faceting Section 11
- Group 12 Tumbled Stones Section 12.A
- Group 13 Polished Flat Face Section 13
- Group 17 Novelty Gemcraft Section 17
- Group 18 Hand Fabricated Jewellery Section 18B
- Group 34 Minerals Non Display Section 3

### **AT-28 Queensland Gem Clubs Association**

**CAST JEWELLERY**

*Donor: Queensland Gem Clubs Association Inc.*

Entrant with the highest individual scoring entry in any of the following cast jewellery groups.

- Group 19 Cast Jewellery using patterns, moulds and dies made by entrant
- Group 20 Cast Jewellery Using natural objects as patterns
- Group 21 Cast Jewellery using commercial wax models

## **Special Trophies**

### **ST01 Senior Princess**

GEMBOREE Senior Princess is chosen and Crowned by GEMBOREE organisers.  
*Donor: Victoria Gem Clubs Association Inc.*

### **ST02 Junior Princess**

GEMBOREE Junior Princess is chosen and Crowned by GEMBOREE organisers.  
*Donor: Tasmania Lapidary Junior Princess*

### **ST03 Best Presented Trade Stand**

Commercial Dealer whose stand is judged "best presented" by the Donor or a person appointed by the GEMBOREE committee.  
*Donor: Shepparton & District Gem Club Inc.*

### **ST04 International Faceting Challenge**

staged two yearly by AFG  
*Donor: Australian Facetors' Guild*

## **“QUALITY GEM ROUGH SUPPLIES”**

**(Glenn Huntley)**

**Finest quality faceting rough in  
both natural and synthetic  
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## **South Australia Drill Core Reference Library**

The library brings together more than 7.5 million metres of drill core samples, capturing 130 years of exploration for minerals and energy resources. The samples provide essential clues about the geological history of South Australia as well as indicators for new resource discoveries that will support the state's future prosperity.

The state-of-the-art facility incorporates a spacious core viewing hall, conference, meeting and education facilities, an immersive 3D theatre, drill core scanning systems and other world-class sample reference collections.

Australian steel from Whyalla was used in construction of the building which took 12 months. Partners in the build included Aurecon, Thomson Rossi, Hansen Yuncken, Bianco Precast, Boral and Adelaide Brighton Cement. Specialist drill core viewing tables were manufactured by Southeast Conveyors and storage pallets were designed and manufactured by Bedford Group.

[http://minerals.statedevelopment.sa.gov.au/geoscience/drill\\_core\\_reference\\_library](http://minerals.statedevelopment.sa.gov.au/geoscience/drill_core_reference_library)



## THANK YOU

**GMCASA and the GEMBOREE 2018 COMMITTEE sincerely thanks the City of Onkaparinga and particularly the Mayor for their sponsorship in staging the Willunga GEMBOREE.**

*Our thanks to all who have supported GEMBOREE 2018 in so many ways.*

### Particular thanks to our sponsors:

- City of Onkaparinga.
- Department of the Premier and Cabinet, Mineral and Energy Resources.
- McLaren Vale and Fleurieu Visitor Information Centre.
- Supported by a grant from the Smart State PC Donation Program.

*Sincere thanks to all Volunteers before during and after the GEMBOREE.*



South Australia

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The graphic features the MESA Journal logo with 'South Australia' above it and 'mesa journal' in a large, bold font. To the right are the South Australia and Government of South Australia logos. A blue button with a white mouse cursor icon says 'SUBSCRIBE ONLINE NOW'. Below this is a URL. A computer monitor and tablet display the MESA Journal website. The background is orange and blue.

# Geology meets art!

The Adelaide Hills International Sculpture Symposium Inc. is a community-based organisation that formed in 2011 to bring the arts to the Adelaide Hills by creating a Hills Sculpture Trail linking towns, art and beautiful scenery. Silvio Apponyi, internationally recognised sculptor, Adelaide Hills resident and artistic director, had a vision to 'enrich the Hills with sculpture'.

Three biennial stone symposiums (Carving Dreams in Stone) held between 2012 and 2016, attracting internationally recognised sculptors from around the world, will culminate in 24 community-commissioned sculptures permanently located within the townships of the Adelaide Hills to form a sculpture trail (final 8 yet to be placed).

## The stones

Uniquely South Australian stones are the preferred choice for the sculptures. To date these have included pink and grey Paris Creek and Macclesfield marbles, white Angaston Marble, grey Kapunda Marble, mottled Sellicks Hill Marble, white Mount Torrens Marble and Black Granite.

No.	Name	Location
1	Spatial Tension	Mount Barker
2	Sailing of Soul	Mount Barker
3	Prickly 3	Mount Barker
4	Watersong	Macclesfield
5	Angel of Hahndorf	Hahndorf
6	Le Peloton	Balhannah
7	Spring, Summer, Fall, Winter and ....	Lobethal
8	The Remoteness	Stirling
9	Flow	Langhorne Creek
10	Waterstone	Mount Compass
11	Fossils	Meadows
12	Journeys	Stirling
13	Hydris	Mount Barker
14	Cosmic Connections	Mount Barker
15	Splash	Little Hampton
16	The Key to the Heart of Mt Torrens and the Birdhouse	Mount Torrens

<http://www.adelaidehillssculpture.com.au/>



Spatial Tension



Angel of Hahndorf



Flow



Hydris



Sailing of Soul



Le Peloton



Waterstone



Cosmic Connections



Prickly 3



Spring, Summer, Fall, Winter and ....



Fossils



Splash



Watersong



The Remoteness



Journeys



The Key to the Heart of Mt Torrens and the Birdhouse

Willunga Park Reserve  
Railway Terrace, WILLUNGA  
SOUTH AUSTRALIA



**Government  
of South Australia**

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Department of  
State Development