

# 50th NATIONAL GEMBOREE

18th - 21st APRIL 2014

Gatton Showgrounds

Including

47th NATIONAL GEM & MINERAL COMPETITION

&

15th INTERNATIONAL FACETING CHALLENGE



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REGIONAL COUNCIL

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Under the Auspices of



**GATTON**  
**Town Map**

The map displays the town of Gatton, Queensland, with a grid of streets and various landmarks. Key features include:

- Streets:** Main Street, Spencer Street, Old Collier Road, and numerous residential streets like North Street, East Street, and West Street.
- Landmarks:**
  - Gatton Hospital:** Located on Main Street, marked with a red cross icon.
  - Gatton State Primary School:** Located on Main Street, marked with a star icon.
  - Gatton Showgrounds:** A large area with a green oval, marked with a star icon.
  - Gatton Jubilee Golf Club:** Located to the east of the showgrounds, marked with a green flag icon.
  - Lockyer Creek:** A waterway flowing through the town, marked with a blue line.
  - Lockyer Dam:** Located to the west of the town, marked with a blue icon.
- Other Features:**
  - Churches:** Anglican Church, Baptist Church, and others.
  - Community Centers:** LINC Community Centre, Police Station & Court House.
  - Recreational Areas:** Bowling Club, Sports Centre, and various parks.
  - Transportation:** Bus stops and a railway line are indicated.

## Local Information

Police Station. William St., Map H 7 Ph 07 54683266

Ambulance. Spencer St., Map G 7

Hospital. William St., Map G 11 Ph 07 54684188

Shopping Centre William St., Map H 8.

Camper's entry via Woodlands Rd., Map K 8.

Information Centre. Map D 12.



## Off Site Accommodation.

Gatton College. Carole Brown. Ph 07 5460 1489

Gatton Motel. Ph 07 5462 1333.

Gatton View Hotel Motel. Ph 07 5462 1072

Royal Hotel. Ph 07 5468 2700

Gatton Caravan Park. Ph 07 5468 2700





# Welcome Message

## From the Lockyer Valley Mayor Steve Jones



**Welcome to the 2014 Gemboree and the stunning Lockyer Valley. As Mayor I am thrilled to have such an influx of visitors at this time of the year.**

The region is extremely proud to play host to the 50th anniversary Gemboree and I must extend my thanks to the Queensland Lapidary and Allied Craft Clubs Association Inc, as well as their regional body, for again selecting the Lockyer Valley, and the Gatton Showgrounds and Sports Centre for such a major event.

Reading this, I'm sure a lot of you have travelled from far and wide to attend this event, as well as the 47th National Gem and Mineral Competition and the 15th International Faceting Challenge. Let me take this opportunity to share with you some of the facts about our region.

The Lockyer Valley is one of the most fertile agricultural regions in Queensland and spreads out to either side of the Ipswich-Toowoomba Warrego Highway, encompassing Minden to the east and Withcott to the west, stretching almost as far north as Wivenhoe Dam and as far south as the Mt Mistake National Park. The region is well known as South East Queensland's Salad

Bowl and as such, offers a wide variety of things for you to do and see. With a population of around 37,000 and an estimated 2900 businesses, the Lockyer Valley is a vibrant region supporting 'A Growing Lifestyle'.

The Lockyer Valley offers visitors and residents alike a unique experience that includes fascinating history, rich culture and stunning contrasts of natural beauty enclosed on either side of the Great Dividing Range. There's everything from top class restaurants and B&Bs to art galleries and a wide range of shopping experiences, hot air ballooning and sky diving, beautiful parks, country markets within easy reach and much more.

On behalf of my fellow Councillors and the community, we wish you an enjoyable stay in the Lockyer Valley. Please take care when travelling on the region's roads and have a relaxing and memorable visit. I also wish the organisers all the best for their event.

The Lockyer Valley community is proud to be part of and support the 2014 National Gemboree.

Cr Steve Jones, Mayor

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## 2014 GEMBOREE PRINCESS COMPETITION

The Senior Princess – 13Years and Over

The Junior Princess – 6 to 12 Years.

Tiny Tots Prince and Princess– each under 6 Years

All Tiny Tots will receive a small prize.

Registration forms will be available at the on- site office.

Judging will include “demeanour” as well as the normal factors consider.

Further details will be shown on the daily program.

This popular competition has been a part of the GEMBOREE since Miss Karen Hayes was crowed GEMBOREE PRINCESS in 1979 at Tanunda.

In 2014 AFLACA will celebrate the golden anniversary of the GEMBOREE and to celebrate this milestone, QLACCA has commissioned Tina Jeffrey Designs.

To make two Tiaras to be presented to the winners of this competition.

Working with Sterling Silver plate and incorporating Swarovski Crystal. Tina has designed two terrific Tiaras for the winners of the Senior and Junior Princesses to take home.



Pictured is Tina working at her Studio located at:

12 Station Road Indooroopilly Brisbane.

Phone 0412051453 or 07 38788773

[tinajeffrey@squirrel.com.au](mailto:tinajeffrey@squirrel.com.au)

# **QUEENSLAND LAPIDARY & ALLIED CRAFT CLUBS ASSOCIATION Inc HOSTING GEMBOREE 2014**

President  
Greg Gosden  
North Brisbane Lapidary Club Inc  
Ph 07 33996584

Convenor  
Peter Thwaites  
Gatton Lapidary Club Inc  
Ph 07 54624279

Secretary  
Cheryl King  
Gonyah Lapidary Club Inc  
Ph 07 33913419

Treasurer  
Graham Mc Lean  
Ipswich Lapidary Club Inc  
Ph 07 32889883

Dealer Co-Ordinators  
Lloyd Hosking  
Mitchelton Lapidary Club Inc  
Ph 07 33512093

Lionel Henman  
Caboolture Gem Club Inc  
Ph 0405229167

Competition Co-Ordinator  
John Hughes  
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Chief Steward  
Lyrian Hughes  
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Camping Co-Ordinators  
Terese & Bob Payne  
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Ph 07 55469510

50 Years Display  
Cindy Thwaites  
Gatton Lapidary Club Inc  
Ph 07 54624279

## **SPONSORS**

Lockyer Valley Regional Council

Bendigo Bank: Loganholm Community Bank

Bill Files

## **WELCOME FROM GEMBOREE CHAIRMAN.**

I Peter Thwaites GEMBOREE 2014 Chairman and Greg Gosden President of QLACCA Inc, would like to welcome everyone to our Golden Anniversary GEMBOREE at the Gatton Showground over the 2014 Easter weekend. The town of Gatton and the area of the Lockyer Valley was hit very badly by severe flooding in 2011, and a lot of thanks must go to the people of Gatton and the Lockyer Valley for all the hard work they put into restoring this area to its present condition which has enabled us to hold this GEMBOREE this Easter. As well as this being the 50<sup>th</sup> GEMBOREE since its beginning at Coonabarabran NSW in 1965 it is also the 47<sup>th</sup> National Gem and Mineral Competition, and the 15<sup>th</sup> International Faceting Challenge as well as plenty of other activities. If those first QLACCA Presidents and their committee members could see what they had originally aimed for on the 28<sup>th</sup> August 1981 they would surely give us a nod of approval. I once again wish to welcome you all to Gatton for the 50<sup>th</sup> Anniversary GEMBOREE and wish you all a very safe trip to and from Gatton.

## **GEMBOREE VENUES**

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



## GEMBOREE 2014

Application for Tailgate Space  
Postal Address, GEMBOREE Secretary.  
P O Box 1761 Brisbane Qld 4001.

Please forward this form or a photocopy & signed contract to the above address.

Prior to 31<sup>st</sup> January 2014

Cheques to be made payable to QLACCA Inc.

Name (print).....

Address.....

State.....Postcode.....

Phone.....Mobile.....

I wish to apply for Tailgating space for the 2014 GEMBOREE, located at the Gatton Showground's from 18<sup>th</sup> to 21<sup>st</sup> April 2014. I have read the tailgate conditions & agree to abide by them.

Category, Non Commercial. ( ) Commercial. ( ) Tick One

Signed.....

Please circle the following options.

X Number of Full Spaces Required ( 5 X 10 Meters).....

X Number of Half Spaces Required ( 2.5 X 10 Meters).....

X Full 4 Days Package Per Space \$120.00 \$.....

X Friday 18<sup>th</sup> \$40.00 per space \$.....

X Saturday 19<sup>th</sup> \$40.00 per space \$.....

X Sunday 20<sup>th</sup> \$40.00 per space \$.....

X Monday 21<sup>st</sup> \$40.00 per space \$.....

Insurance \$15 per Day \$.....

( Not applicable for Commercial Applications)

X Extra Day Visitors Passes (2 supplied no charged per site.)

Qty..... cost per day \$8.00 \$.....

Full 4 Day pass, Qty,.....\$30.00 \$.....

For Half Spaces \$30.00 A Day or \$90.00 Full Time

The Insurance Fees remain the same.

# 2014 GEMBOREE GATTON

## Tailgate Contract

By applying for permission to tailgate at this show, I agree to abide by the following terms and conditions.

1. I will not auction or sell at wholesale rates any goods, rocks or minerals ( this applies to both categories)
2. I will trade only within the times and area allotted to me. My stand must comprise a minimum 75% Lapidary or related product. There will be no camping on site. Mobile credit card facilities are acceptable. Any dogs or other pets must be confined to your area. No ropes etc, to overlap into the adjoining areas, except in the 1 metre exclusion zone situated between stands.
- 3.Application to tailgate does not entitle me to trade, except upon acceptance by the organizers and the issuing of a permit to trade.
4. I agree to register as a participant in the GEMBOREE and to pay the required fees on demand.
5. Should I contravene any part of this contract, I agree to vacate the event and forfeit any monies paid.
6. No broadcasting, music, or displays emitting excessive noise to be used at any time. No generators to be used at any time.
7. Stands must be attended at all times during scheduled trading hours.
8. I agree to produce evidence of Public Rick Insurance for a Minimum of \$10,000,000, prior to setting up or pay on application.
- 9.The application form enclosed and this contract including any fees involved must be signed by me or other authorised persons, signifying full acceptance of these terms and conditions and returned to the above address.

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

Print Name.....

A copy of this contract will be returned to you along with your site allocation and official passes and will become your permit to trade.

OFFICE USE ONLY

Date received.....

Accepted by.....

Site allocation Number(s).....

## Official Insurance Brokers to **Gemboree 2014**

We are proud to be the official insurance broker for the Gemboree 2014 and continue to enjoy the support of most Australian gem & mineral clubs.

Webster Hyde Heath is a privately owned insurance broking firm that has been providing broking & risk management services for over 15 years.

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- Clubs
- Associations
- Professional Indemnity

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# GEMBOREE 2014

## Registration Form

Mail Address: G Mc Lean  
30 Jacaranda Drive  
Yamanto Qld 4305

Please mail this registration form to the above address by 31<sup>st</sup> January 2014. Make cheques payable to "QLACCA Inc" and enclose a stamped-addressed envelope. Your registration covers from noon on Wednesday 16<sup>th</sup> April 2014 to noon Tuesday 22<sup>nd</sup> April 2014. Generators are not permitted.

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

Address.....

State.....Postcode.....Phone.....

Club or Group Name.....

Campsite Accommodation. (Please indicate if you have an annex.)

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

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

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

Special Requests.....

On-Site Fees: For 2 Adults or 2Adults & 4 Children.

Powered Site @    \$120.00    \$.....

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

Extra Adult/s @    \$24.00 each    \$.....

Extra Vehicle @    \$ 5.00 each    \$.....

Off-Site Fees: Per person for the duration of GEMBOREE 2014.

Adults                    @    \$24.00                    \$.....

Child under 16 free if accompany by adult.

TOTAL ENCLOSED                    \$.....

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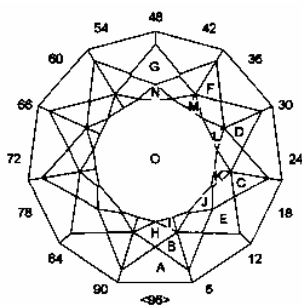
Payment by Credit Card Cheque Money Order  
M/C Visa Number \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Expiry \_\_\_\_\_ / \_\_\_\_\_

# The International Faceting Challenge

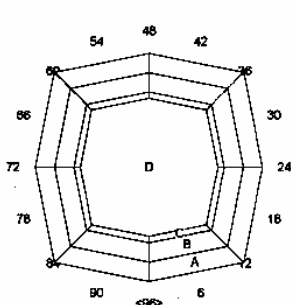
The 2014 IFC will culminate at the 2014 GEMBOREE at Gatton. The South Australia Branch of the Australian Faceters' Guild has set out a Competition that will test the best faceters in the world. The last competition in 2012 GEMBOREE at Bundaberg had 5 teams competing for honours, which had only a few points separating 1<sup>st</sup> to 5<sup>th</sup>. We saw a new overall winner, Karine Tomohiro from USA. The previous competition in 2010 Victor Tuzlukov took the 1<sup>st</sup> place with the loss of less than 1 point over 3 stones, come and see this competition and you will not be disappointed.

The 3 cuts for the competition are:

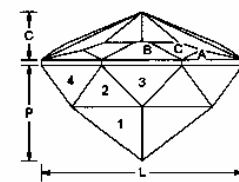
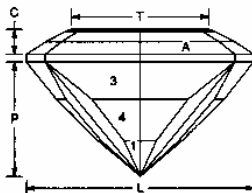
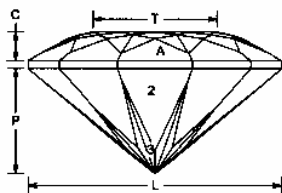
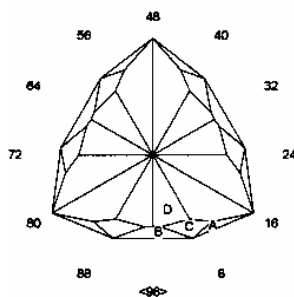
Section A  
Lace Flower 11



Section B  
Swift Sapphire Square



Section C  
London Shield Modified





### **Feature Stone, Picture Stone or Shuihyu/Water Jade**

Could the myth be true that nature captured the spirit of the dead dragon in the rocks around them all those thousands of years ago? Maybe this perfect specimen formed all those years ago by volcanic action dose indeed display a uniquely magnificent dragon, with its sparking eye, and questioning expression on its face, captured in this agate for eternity. This miracle of nature, released by lucky chance during cutting, is hand polished on glass to its beautiful finish. This lifelike, 32mm X 50mm, agate dragon is, and always will be for ever, the only one in the world. Nature will make sure of that.

This perfect image has not been carved or created by man but is exactly how it was found in the Murgon agate fields of Queensland, encased in its prison of darkness and released for the world to enjoy.

Many thousands of years ago, before the science of Gemology was known, every gem of this stone type traded through China was known as Jade. This particular specimen of agate was known as third Jade, water Jade or translated into English Shuihyu. When you looked into the stone it showed back an image as if looking into a puddle of water.



**GEMBOREE 2014**  
**COMPETITION ENTRY FORM**

Mail to: GEMBOREE 2014  
PO Box 32 Beenleigh Qld 4207  
Phone John Hughes (07) 32875442

Entry form, fees & return postage to arrive by 3<sup>rd</sup> February, 2014, with stamped addressed envelope for return of receipt. Make cheque out to QLACCA Inc

Name.....

Address.....

Postcode.....Phone.....

Club.....

Date of Birth, Juniors only.....under the age of 16 years on 3<sup>rd</sup> February 2014

Number of Entries.....

Entry fees: the entry fee is \$5.00 per competitor within Australia flat fee,  
Overseas entries are free.

Insurance: You are strongly urged to send your entries to us by registered mail, we will also return your entries by registered mail, but note that this covers loss only up to \$100. If you require us to cover for more than \$100 when we return your entries, then you must enclose \$..... per \$100 extra cover.

YOUR RETURN INSTRUCTIONS: I require entries to be returned as follows,  
(e.g. Registered Mail will collect, etc.)

No of Entries.....Flat fee \$5.00

Return Postage: Yes/No \$..... (Probably the same as it cost you, but don't forget registered mail)

Extra Insurance: Yes/No \$..... (at \$..... per \$100 extra cover if required)

TOTAL ENCLOSED\$.....

Your Signature.....

## Entries in these sections must be posted with Entry Form.

Show Number of entries (1or 2) below nominated section.

O 1A.1	O 1A.2	I 1A.3	N 1A.4	J 1A.5	O 1A.6	I 1A.7
N 1A.8	O 1B.1	I 1B.2	N 1B.3	J 1B.4	O 1B.5	N 1B.6
O 2A.1	O 2A.2	N 2A.3	O 2B.1	N 2B.2		
O 3.1	I 3.2	N 3.3	J 3.4	O 3.5	N 3.5	J 3.7
O 4A.1	N 4A.2	J 4A.3	O 4B.1	O 5C.1	N 5C.2	
O 6.1	N 6.2	O 7A.1	N 7A.2	O 7B.1	N 7B.2	
N 8A.1	O 8B.1	I 8B.2	O 9A.1	I 9A.2	N 9A.3	
O 10.1	I 10.2	N 10.3	J 10.4	J 10.5	O 11.1	I 11.2
N 11.3	O 12A.1	N 12A.2	O 12B.1	N 12B.2	O 13.1	N 13.2
O 14.1	N 14.2	O 18A.1	I 18A.2	N 18A.3	J 18A.4	
O 18B.1	O 18B.2	I 18B.3	N 18B.4			
O 18C.1	N 18C.2	O 18E.1	N 18E.2	J 18E.3		
O 18F.1	I 18F.2	N 18F.3	J 18F.4	O 19A.1	I 19A.2	N 19A.3
O 20A.1	N 20A.2	O 25.1	I 25.2	N 25.3	J 25.4	
O 26A.1	N 26A.2	O 26B.1	N 26B.2	O 27A.1	N 27A.2	

Show number entries (1 or 2 beside nominated section.

Entries below to be set up between 2 & 5 PM 17<sup>th</sup> April 2014.

O 5A.1	O 5A.2	N 5A.3	J 5A.4	O 5B.1		
O 16.1	N 16.2	J 16.3	O 17.1	I 17.2	N 17.3	
O 26C.1	N 26C.2					
O 29A.1	N 29A.2	O 29B.1	N 29B.2	O 31B.1	N 31B.2	
O 32A.1	N 32A.2	J 32A.3	O 32B.1	N 32B.2	J 32B.3	
O 34A.1	N 34A.2	J 34A.3	O 34A.4	N 34A.5	O 34B.1	N 34B.2
J 34B.3	O 34B.4	N 34B.5	J 34B.6	O 37B.1	N 37B.2	

Competition Showcase Dimensions.

O 31.1 Width.....Depth.....Height.....

N 31.2 Width.....Depth.....Height.....

O 37B.1 Width.....Depth.....Height.....

N 37B.1 Width.....Depth.....Height.....

# **GEMBOREE 2014**

## **COMPETITION SCHEDULE & CONDITIONS.**

This is a Level 4 Competition

### **General Conditions.**

1. This competition will be judged in accordance with the rules & definitions of the competitor and Judging Manual for Lapidary and Allied Competition Issue no 7, April 2006, (referred to in this schedule as the Manual), unless otherwise stated in this Schedule.

Copies of the Manual can be obtained from the secretary of your State Organization, at a cost \$7.00 ( excluding postage).

2. Entry Forms, Postal Entries & any enquires relating to this competition should be sent to:  
The Competition Committee.

PO Box 32

Beenleigh Qld 4207

Phone: Lyrian (07) 32875442

3. Entry Forms for all sections must be received by the competition committee by Monday 3<sup>rd</sup> February 2014 together with a flat fee of \$5 per competitor. Entries from overseas competitors will be free. A stamped self-addressed envelope must be sent with the entry form.

4. Entries in sections 1 to 4, 5c, 6 to 14, 18 to 25, 26A, 26B, 27A will be judged before the GEMBOREE. They must be mailed to reach the competition committee by Monday 3<sup>rd</sup> February 2014 it is recommended that all mail entries be sent Registered or Express.  
Late entries will not be eligible for competition and will be returned.

5. Entries in sections 5A, 5B, 16, 17, 26C, 29 to 37 will be judged at the GEMBOREE. Entries must be delivered to the competition committee and set up between 2pm & 5pm on Thursday 17<sup>th</sup> April 2014.

6. The preferred method for the return of entries is to be stated on the entry form and if necessary sufficient money to cover this return must be included with the entry fee. Registered Post is recommended.

7. Cheques and postal orders are to be made payable to QLACCA Inc.

8. Competitors are advised to check their eligibility to enter a Novice or Intermediate section, if in doubt, their status can be verified by checking with the AFLACA Records Officer. Phone Peter on 03 98784108 or check AFLACA website <http://aflaca.org.au/>

Please Note: There have been changes approved by AFLACA J & R in March 2008 to the Manual which became effective immediately.

These changes are:

B4. 2 Second paragraph. On winning 1<sup>st</sup> place in Novice level 3 competitions, they must enter Intermediate or open in level 2 or 3 when next entering any section in that group. Competitors' entries progress with them.

B4. 3 Second paragraph. On winning 1<sup>st</sup> place in Intermediate in level 3 competition, a competitor must thereafter compete in Open division in any section in that group in level 3 and can compete in Novice or higher division at level 4. Competitors' entries progress with them.

B 4. 4 Second paragraph. A competitor winning 1<sup>st</sup> place in an Open division section, at level 4 must thereafter compete in Open division at all levels for the sections in that group.

9. A maximum of two entries per person is allowed except for showcases sections where only one entry per person is allowed.

The competition committee may transfer an entry into a correct section if they are of the opinion that it has obviously been entered in the wrong section.

10. Overseas entrants are advised to include a copy of their entry form and clearly label their package **LAPIDARY COMPETITION ENTRIES-** to be returned. It is suggested that a high monetary value should not be stated in any paperwork to avoid possible problems with Customs.

11. While every care will be taken, the GEMBOREE committee will not accept any responsibility for any loss or damage of competitive or non-competitive entries/ exhibits that may occur in transit or whilst in possession of the GEMBOREE committee.

12. Competitors are responsible for insurance of their entries while in transit and while in the possession of GEMBOREE committee.

13. Judging sheets will be available for collection from competition office between 3pm & 5pm on Friday 18<sup>th</sup> and Saturday 19<sup>th</sup> April 2014. Judging sheets not collected then will be returned with the actual entries.

14. Entries must be collected between 3.30pm and 5pm on Monday 21<sup>st</sup> April 2014. Entries not collected at this time will be returned to the competitor in the manner specified on the entry form.

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## SPECIAL CONDITIONS.

A. SIZES & TOLERANCES: Where an entry does not conform to the size conditions in this schedule or the Manual, it will be ruled ineligible. Where a minimum size hole is specified the measuring gauge must be at least 10mm thick.

B. SPHERE & OVOID & NOVELTY GEMCRAFT: These sizes are not as specified in the Manual, please refer to the schedule.

C. SECTION 18F.1, 18F.2, 18F.3 & 18B.4: All these sections state that the entrant has set commercial item(s) bought over the counter-not made to order. The Lapidary item(s) are to conform to Any of the sections defined in groups 1 to 12, 15 and Beads.

**The Beads must be in Natural Lapidary or Natural Organic Material as defined in D2.1 and D2.4 on page 19 of the Manual.**

## GEMBOREE 2014 COMPETITION SCHEDULE

O=OPEN I=INTERMEDIATE N=NOVICE J=JUNIOR CS=CRAFTMANSHIP

AA= AESTHETIC APPEAL PT= PERPETUAL TROPHY AT=ANNUAL TROPHY

SC= SPECIAL CONDITIONS

### GROUP 1 & 2 CABOCHON CUTS – SC ‘A’

All Cabochons must have a minimum size of 20mm on the shortest dimension across the outline of the shape. Maximum size of 60mm on the longest dimension across the outline shape.

Sect. No	Description	Trophy	SC
O 1A.1	Standard Cabochon, Agate, Specified Size 22x30mm	CS -	A
O 1A.2	Standard Cabochon, Petrified Wood or Tree Fern.	CS PT-01, AT-21	A
I 1A.3	Standard Cabochon, Petrified Wood or Tree Fern.	CS PT-02	A
N 1A.4	Standard Cabochon, Petrified Wood or Tree Fern.	CS PT-03	A
J 1A.5	Standard Cabochon, Petrified Wood.	CS AT-01, AT-15	A
O 1A.6	Standard Cabochon, Agate must have 2 or more colours.	AA AT-07	A
I 1A.7	Standard Cabochon, Agate	AA -	A
N 1A.8	Standard Cabochon, Agate.	AA -	A
O 1B.1	Fancy Cabochon, Any Material.	CS PT-01	A
I 1B.2	Fancy Cabochon, Any Material.	CS PT-02	A
N 1B.3	Fancy Cabochon, Any Material.	CS PT-03	A
J 1B.4	Fancy Cabochon, Any Material	CS AT-01	A
O 1B.5	Fancy Cabochon, Jasper.	AA AT-27	A
N 1B.6	Fancy Cabochon. Jasper.	AA -	A
O 2A.1	Double Standard Cabochon, Banded Agate.	CS PT-01, AT-18	A
I 2A.2	Double Standard Cabochon, Banded Agate.	CS -	A
N 2A.3	Double Standard Cabochon, Banded Agate.	CS PT-03	A
O 2B.1	Double Fancy Cabochon, Colourless Quartz.	CS -	A
N 2B.2	Double Fancy Cabochon, Any Material.	CS -	A

### GROUP 3: FREE FORM – SC ‘A’

Sections 3.1 to 3.4: Minimum size must not be able to pass through a 15mm diameter hole.

Sect No	Description		Trophy	SC
O 3.1	Free Form, Colourless Quartz.	CS	AT-27	A
I 3.2	Free Form, Any Material.	CS	-	A
N 3.3	Free Form, Any Material.	CS	-	A
J 3.4	Free Form, Any Material.	CS	AT-01	A

Sections 3.5 to 3.7: Minimum size must not be able to pass through a 10mm diameter hole.

Sect No	Description		Trophy	SC
O 3.5	Free Form, Opal Solid.	CS	AT-14	A
N 3.6	Free Form, Opal Solid.	CS	-	A
J 3.7	Free Form, Opal Solid.	CS	AT- 01	A

### GROUP 4: OPAL – SC ‘A’

Maximum size 40mm – must not be able to passed through a 10mm diameter hole.

Sect No	Description		Trophy	SC
O 4A.1	Opal Doublet, Flat Top.	CS	-	A
N 4A.2	Opal Doublet, Flat Top.	CS	-	A
J 4A.3	Opal Doublet, Flat Top.	CS	-	A
O 4B.1	Opal Doublet, Domed Top.	CS	-	A

### GROUP 5: CARVING & CAMEO

Sect No	Description		Trophy	SC
O 5A.1	Carving, Fully 3-Dimensional, Hardness 4 or under		AT-25	
O 5A.2	Carving, Fully 3-Dimensional, Hardness over 5.		-	
N 5A.3	Carving, Fully 3-Dimensional, any Hardness, Known Form.		-	
J 5A.4	Carving, Fully 3-Dimensional, any Hardness, Known Form.		AT-03	
O 5B.1	Carving, In relief, any Hardness.		AT-27	
O 5C.1	Cameo.		-	
N 5C.2	Cameo.		-	

### GROUP 6: SCRIMSHAW.

Sect No	Description
O 6.1	Scrimshaw.
N 6.2	Scrimshaw.

### GROUP 7: SPHERES & OVOID.

Minimum size 30mm on the shortest dimension.

Sect No	Description		Trophy	SC
O 7A.1	Sphere.	CS		B
N 7A.2	Sphere.	CS		B
O 7B.1	Ovoid.	CS		B
N 7B.2	Ovoid.	CS		B

## GROUP 8 to 11 FACET CUTS.

Sect	No	Description	Trophy
N 8A.1		Standard Brilliant With continuous Girdle, Coloured Cubic Zirconia.	PT-03
O 8B.1		Standard Brilliant with Faceted Girdle, Natural Topaz.	PT-01, AT-16, AT-23
I 8B.2		Standard Brilliant with Faceted Girdle, Labradorite.	PT-02
O 9A.1		Standard Oblong Step Cut with cut corners, Natural Quartz.	AT-16, AT-23
I 9B.1		Standard Square Step Cut with cut corners, Smoky Quartz.	
N 9B.2		Standard Square Step Cut with cut corners, Topaz	AT-22
O 10.1		Modified Winner, M.M. Corundum.	AT-27
I 10.2		Wilma, Cubic Zirconia.	AT-02
N 10.3		Cushion, Christinite.	AT-22
J 10.4		96 Index Brilliant, Quartz.	
J 10.5		Simple Jack continuous Girdle, Cubic Zirconia.	
O 11.1		A Girl Best Friend, Cubic Zirconia.	AT-16, AT-27
I 11.2		12 Main Round Brilliant No 6, Topaz.	
N 11.3		Bobs Checker, Quartz.	AT-22

## GROUP 12 TUMBLED STONES.

Maximum size 40mm, must not be able to pass through a 15mm diameter hole.

Sect	No	Description	Trophy	SC
O 12A.1		Pre Form, Set of 3 any Natural Material	AT-27	A
N 12A.2		Pre Form, Set of 3 any Natural Material.	-	A
O 12B.1		Natural Shape, Set of 3 any Natural Material.	-	A
N 12B.2		Natural Shape, Set of 3 any Natural Material.	-	A

## GROUP 13-14 POLISHED FACE.

Maximum size 300mm, Minimum size 50mm.

Sect	No	Description	AA	Trophy	SC
O 13.1		Any Material, Flat surface.	AA	AT-27	
N 13.2		Any Material, Flat surface.	AA	-	
O 14.1		Any Material, Curved Face.	CS	-	
N 14.2		Any Material, Curved Face.	AA	-	

## GROUP 16 GEM TREES.

Base not exceed one third of overall height. ( Paragraph D16 of the Manual still applies).

Sect	No	Description
O 16.1		Single Tree.
N 16.2		Single Tree.
J 16.3		Single Tree.

## GROUP 17 NOVELTY GEMCRAFT.

Minimum size 50mm on the longest dimension excluding base.

Sect	No	Description	Trophy	SC
O 17.1		Novelty Gemcraft.	AT-27	B
I 17.2		Novelty Gemcraft.	-	B
N 17.3		Novelty Gemcraft.	-	B

## GROUP 18 HAND FABRICATED & WIRE WRAPPED JEWELLERY

Sect No	Description	Trophy	SC
O 18A.1	Not intended to include Lapidary, Fossil or Mineral Items.	AT-02	
I 18A.2	Not intended to include Lapidary, Fossil or Mineral Items.	-	
N 18A.3	Not intended to include Lapidary, Fossil or Mineral Items.	-	
J 18A.4	Not intended to include Lapidary, Fossil or Mineral Items.	-	
O 18B.1	With Lapidary Item, Solid Opal cut & set by entrant.	AT-24, AT-27	
O 18B.2	With Lapidary Item/s cut & set by entrant. Not Opal.	AT-11	
I 18B.3	With Lapidary Item/s cut & set by entrant.	-	
N 18B.4	With Lapidary Item/s cut & set by entrant	-	
O 18C.1	With Natural Mineral or Fossil Specimen/s, set by entrant.	AT-06	
N 18C.2	With Natural Mineral or Fossil Specimen/s, set by entrant.	-	
O 18E.1	Wire Wrapped Jewellery with Lapidary Item/s, cut & set by entrant.	AT-26	
I 18E.2	Wire Wrapped Jewellery with Lapidary Item/s, cut & set by entrant.	AT-26	
N 18E.3	Wire Wrapped Jewellery with Lapidary Item/s, cut & set by entrant.	AT-26	
J 18E.4	Wire Wrapped Jewellery with Lapidary Item/s cut & set by entrant.	AT-26	
O 18F.1	Wire Wrapped Jewellery with commercial Lapidary Item/s.		C
I 18F.2	Wire Wrapped Jewellery with commercial Lapidary Item/s.		C
N 18F.3	Wire Wrapped Jewellery with commercial Lapidary Item/s.		C
J 18F.4	Wire Wrapped Jewellery with commercial Lapidary Item/s.		C

## GROUP 19 CAST JEWELLERY USING PATTERNS, MOULDS & DIES MADE BY ENTRANT.

Sect No	Description	Trophy	SC
O 19A.1	Not intended to include Lapidary, Mineral or Fossil Items.	AT-28	
I 19A.2	Not intended to include Lapidary, Mineral or Fossil Item/s.	AT-28	
N 19A.3	Not intended to include Lapidary, Mineral or Fossil Item/s.	AT-28	

## GROUP 20 CAST JEWELLERY USING NATURAL OBJECTS AS PATTERNS.

Sect No	Description	Trophy	SC
O 20A.1	Not intended to include Lapidary, Mineral or Fossil Item/s.	AT-28	
N 20A.2	Not intended to include Lapidary, Mineral or Fossil Item/s.	AT-28	

## GROUP 25 COMMERCIAL MOUNT JEWELLERY WITH LAPIDARY ITEM/S CUT & SET BY ENTRANT.

Sect NO	Description	Trophy	SC
O 25.1	Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.		
I 25.2	Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.	AT-02	
N 25.3	Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.	AT-03	
J 25.4	Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.	AT-01	

## GROUP 26 ENAMELLING.

Sect No	Description	Trophy	
O 26A.1	Enamelled Jewellery in Commercial Mount.	-	
N 26A.2	Enamelled Jewellery in Commercial Mount.	-	
O 26B.1	Enamelled Jewellery without Mount.	-	
N 26B.2	Enamelled Jewellery without Mount.	-	
O 26C.1	Enamelled Non Jewellery, Functional.	AT-05	
N 26C.2	Enamelled Non Jewellery, Functional.	-	

## GROUP 27 GENERAL METALCRAFT.

Sect No	Description	Trophy	SC
O 27A.1	Not intended to include Lapidary, Mineral or Fossil.	-	
N 27A.2	Not intended to include Lapidary, Mineral or Fossil.	-	

## GROUP 29 & 31 SHOWCASE.

Sect No	Description	Trophy	SC
O 29A.1	General, Unlit.	-	
N 29A.2	General, Unlit.	-	
O 29B.1	General, Lit.	AT-17	
N 29B.2	General, Lit.	-	
O 31.1	Showcase Novelty, 50 years of the GEMBOREE.	-	
N 31.2	Showcase Novelty, 50 years of the GEMBOREE.	-	

## GROUP 32 FOSSILS, NON DISPLAY.

Sect No	Description	Trophy	SC
O 32A.1	Fossil Single Specimen, Invertebrate Australian.	AT-08	
N 32A.2	Fossil Single Specimen, any type any location.	AT-08	
J 32A.3	Fossil Single Specimen, any type any location.	AT-08	
O 32B.1	Fossil group of 3 mixed, Australian.	AT-08	
N 32B.2	Fossil group of 3 mixed, any location.	AT-08	
J 32B.3	Fossil group of 3 mixed, any location.	AT-08	

## GROUP 34 MINERAL NON DISPLAY.

Sect No	Description	Trophy	SC
O 34A.1	Mineral non display single Australian Specimen, cabinet size.	AT-13	
N 34A.2	Mineral non display single Australian Specimen, cabinet size.	AT-12	
J 34A.3	Mineral non display single Australian Specimen, cabinet size.	AT-19	
O 34A.4	Mineral non display Crystal Cluster, cabinet size, specified material Quartz.	AT-13	
N 34A.5	Mineral non display Crystal Cluster, miniature size, Quartz.	AT-12	
O 34B.1	Group of 3 Australian Crystal Cluster, miniature	AT-09, AT-13	
N 34B.2	Group of 3 Crystal Cluster, any location, miniature.	AT-12	
J 34B.3	Group of 3 Crystal Cluster, any location, miniature.	AT-19	
O 34B.4	Group of 3 Thumbnail size Quartz Cluster, any location.	AT-13, AT-27	
N 34B.5	Group of 3 Thumbnail size, Quartz Cluster. any location.	AT-19	
J 34B.6	Group of 3 Thumbnail size, Quartz Cluster, any location.	AT-19	

## GROUP 37 MINERAL SHOWCASE.

Sect No	Description	Trophy	SC
O 37B.1	Mineral Showcase, display, Lit.	AT-20	
N 37B.2	Mineral Showcase, display, Lit	-	

## PERPETUAL TROPHIES

### PT 01 Tom Jenkins.

#### OPEN CHAMPION LAPIDARY

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

- O 1A.2 Standard Cabochon
- O 1B.1 Fancy Cabochon.
- O 2A.1 Double Standard Cabochon.
- O 4A.1 Opal Doublet
- O 10.1 Modified "Winner ".

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 three of the following four Intermediate sections.

- I 1A.1 Standard Cabochon.
- I 3.2 Free Form.
- I 10.2 Wilma.
- I 25.2 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 four of the following five Novice sections.

- N 1A.4 Standard Cabochon.
- N 1B.2 Fancy Cabochon.
- N 2A.3 Double Standard Cabochon.
- N 8A.1 Standard Brilliant with continuous girdle.
- N 25.3 Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.

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

### PT 04 Ray Powell.

#### CHAMPION CLUB.

Club with highest aggregate member's points. Points allocated to entries in each section as follows

- 20 points for highest scoring entry/entries.
- 15 points for 2<sup>nd</sup> highest scoring entry/entries.
- 10 points for 3<sup>rd</sup> highest scoring entry/entries.
- 5 points for 4<sup>th</sup> highest scoring entry/entries.

Donor: Gem & Lapidary Council of NSW Inc.

## ANNUAL TROPHIES.

### AT Dorothy Caladine

#### JUNIOR CHAMPION LAPIDARY

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

- J 1A.5 Standard Cabochon.
- J 1B.4 Fancy Cabochon.
- J 3.4 Free Form.
- J 3.7 Free Form Solid Opal.
- J 25.4 Commercial Mount Jewellery with Lapidary Item/s cut & set by entrant.

Donor: Rhonda Sabella.

### AT 02 Northern Lapidary Supplies

#### OPEN HAND FABRICATED JEWELLERY WITH NO LAPIDARY ITEMS.

Entrant with highest scoring entry in section.

- O 18A.1 Hand Fabricated Jewellery not intended to include Lapidary, Mineral or Fossil Items.

Donor: Northern Lapidary Supplies.

### AT 03 Dorothy Caladine

#### JUNIOR CARVING.

Entrant with highest scoring entry in section.

- J 5A.4 Carving Fully 3 Dimensional, any hardness

Donor: Rhonda Sabella.

### AT 04 The Crystal Habit Trophy.

#### BEST MINERAL OF THE SHOW.

Donor selects winning entry from all Mineral 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.1 Enamelling Non Jewellery.

Donor: Victorian Gem Clubs Association Inc.  
In Memory of Tony Annear.

### AT 06 John S Ryding.

#### OPEN HAND FABRICATED JEWELLERY WITH NATURAL MINERAL SPECIMENS.

Entrant with highest scoring entry in section.

- O 18C.1 Hand Fabricated Jewellery with Natural Mineral Specimen/s.

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.6 Standard Cabochon/AA

Donor: Mrs D Miller via AFLACA Trophy Fund.

**AT 08 Earth Stone.****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 Institution 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 Mineral 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 10.1 Modified 'Winner'.

Donor: Victorian Gem Clubs Association Inc.

**AT 11 Twin Plaza Metals.****OPEN HAND FABRICATED JEWELLERY WITH LAPIDARY ITEM/S.**

Entrant with highest scoring entry in section.

O 18B.2 Hand fabricated Jewellery with Lapidary Item/s "NOT OPAL"

Donor: Twin Plaza Metals.

**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 Junior or Novice Mineral sections, including Showcases.

Donor: Gem & Mineral Clubs Association of SA Inc, & 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 three Open Mineral sections.

Donor: AFLACA.

**AT 14 Ted Koller.****OPEN SOLID OPAL CUT**

Entrant with highest scoring entry in section.

O 3.5 Free Form.

Donor: Victorian Gem Clubs Association Inc.

**AT 15 Dazlyn Gems.****JUNIOR CHAMPION CABOCHON.**

J 1A.5 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 three Open Faceting sections.

O 8B.1 Standard Brilliant with Faceted Girdle.

O 10.1 Modified "Winner".

O 11.1 A Girl's Best Friend.

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

Donor: Australian Facetors' Guild Ltd.

**AT 17 Arthur Roffey****OPEN SHOWCASE GENERAL LIT.**

Entrant with highest scoring entry in section.

O 29B.1 Showcase General Lit.

Donor: Arthur Roffey.

**AT 18 Boris Novic.****OPEN DOUBLE STANDARD CABOCHON**

Entrant with highest scoring entry in section.

O 2A.1 Double Standard Cabochon.

Donor: Gem & Lapidary Council of NSW Inc.

**AT 19 Patrick Murphy.****JUNIOR CHAMPION MINERAL ENTRANT**

Junior entrant's highest aggregate score of their best entries in each of a minimum of three 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.1 Open Mineral Showcase Display Lit.

Donor: Cyril Kovac.

### **AT 21 Brian Bown.**

#### **OPEN STANDARD CABOCHON.**

Entrant with highest scoring entry in section.

O 1A.2 Standard Cabochon.

Donor: Brian Bown.

### **AT 22 Jack Bushby.**

#### **NOVICE CHAMPION FACETOR.**

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

N 10.3 Standard Square Step Cut with Cut Corners, Smoky Quartz.

N 10.3 Cushion, Christinite.

N 11.3 Bobs Checker, Quartz.

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

Donor: Southern Rockhounds.

### **AT 23 Dick Moppett.**

#### **OPEN STANDARD FACET CUT.**

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

O 8B.1 Standard Brilliant, Faceted Girdle.

O 9A.1 Standard Oblong Step Cut with Cut Corners.

Donor: Gem & Lapidary Council of NSW Inc.

### **AT 25 The Lapidary & Gem Club of Victoria.**

#### **OPEN CARVING FULLY 3 DIMENSIONAL**

Entrant with highest scoring entry in section.

O 5A.2 Carving Fully 3 Dimensional, hardness over 5.

Donor: AFLACA.

### **AT 26 Gold Coast School of Wirecraft.**

#### **WIRE WRAPPED JEWELLERY.**

Entrant with the entry with the highest score in N 18E.3

Donor Sir Paul Howard.

### **AT 28 QGCA.**

Highest individual scoring entry in any of the cast Jewellery sections

19A and 20A.

Donor: QGCA.

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

Highest aggregate score of entrant's best entry in the following ten sections.

O 1B.5 Fancy Cabochon, Jasper AA.

O 3.1 Free Form, Quartz.

O 5B.1 Carving in relief, any hardness.

O 10.1 Modified "Winner" MM Corundum.

O 11.1 A girls Best Friend, Cubic Zirconia.

O 12.1 Tumbled Stones, Pre-Formed set of 3 any material.

O 13.1 Polished Face, Flat surface.

O 17.1 Novelty Gem Craft.

O 18B.1 Hand Fabricated Jewellery with Solid Opal cut & set by entrant.

O 34B.1 Group of three Australian Crystal Clusters, Miniatures.

Donor: AFLACA.

## **SPECIAL TROPHIES.**

### **ST 01 GEMBOREE Senior Princess**

For selected entrant chosen & crowned by GEMBOREE Organisers.

Donor: Victoria Gem Clubs Association Inc.

### **ST 02 GEMBOREE Junior Princess.**

For selected entrant chosen & crowned by GEMBOREE Organisers.

Donor: Tasmania Lapidary & Mineral Association.

### **ST 03 Best Presented Trade Stand.**

Awarded to Commercial Dealer whose stand is Judged "BEST PRESENTED" by someone appointed by Donor or GEMBOREE Committee.

Donor: Shepparton & District Gem Club.

### **ST 04 International Facet Competition**

International Facet Competition staged every two years by AFG. (Trophies arranged by AFG.

Donor: Australian Facetors Guild Inc.

### **ST 05 Best Club Decorated Stand.**

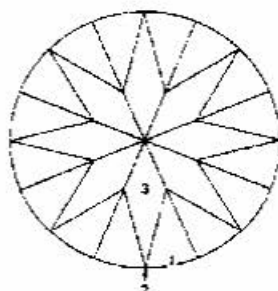
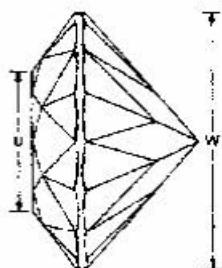
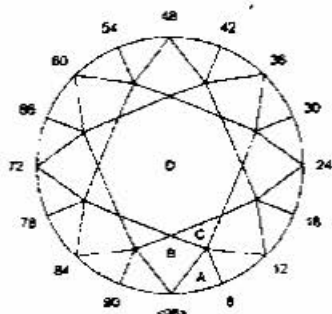
Awarded to Lapidary Club whose stand is Judged "BEST DECORATED" by someone appointed by Donor or GEMBOREE Committee

Donor: Lloyd Hosking.

# Novice Section N.8A.1

**Material**  
**Facets 58**

**Coloured Cubic Zirconia**  
**Meets 41 (Crown 24, Pavilion 17)**



## Standard Brilliant with Continuous Girdle

Angles for R.I. = 2.160

57 + girdle = 58 facets

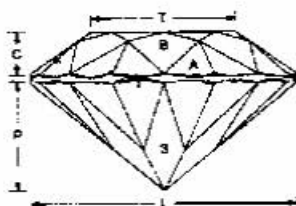
8-fold, mirror-image symmetry

96 index

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

P/W = 0.428 C/W = 0.168

Vol./W<sup>3</sup> = 0.219



## PAVILION

1 42.00° 03-09-15-21-27-33-39-45-  
51-57-63-69-75-81-87-93

2 90.00°

3 40.00° 96-12-24-36-48-60-72-84

## CROWN

A 40.00° 03-09-15-21-27-33-39-45-  
51-57-63-69-75-81-87-93

B 35.00° 96-12-24-36-48-60-72-84

C 20.00° 06-18-30-42-54-66-78-90

D 0.00° Table

Cut to T.C.P

Cut continuous Girdle to Size

Cut to P.C.P, MP 1 at Girdle

Set Girdle width

MP, A at girdle

MP, A - B

MP, B - C

# Open Section O 8B.1

Material

Topaz

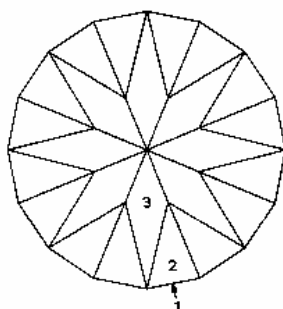
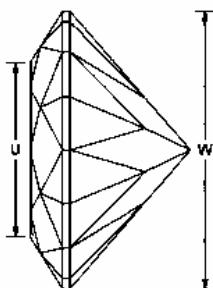
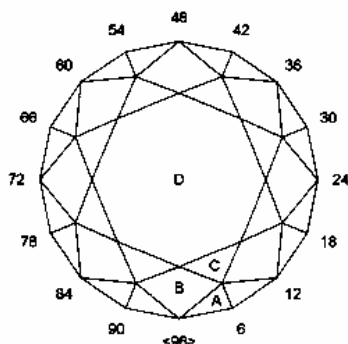
## Intermediate Section I 8B.2

Material

Labredorite

Facets 73

Meets 57 (Crown 32, Pavilion 25)



### Standard Brilliant with Faceted Girdle

Angles for R.I. = 1.540

57 + 16 girdles = 73 facets

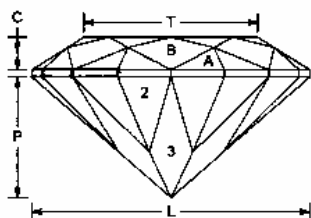
8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.627 U/W = 0.627

P/W = 0.435 C/W = 0.117

Vol./W<sup>3</sup> = 0.198



### PAVILION

1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to size
2	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to T.C.P.
3	41.00°	96-12-24-36-48-60-72-84	Cut to meet 1-2

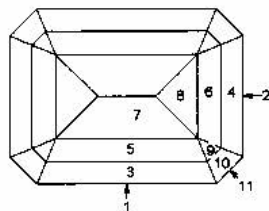
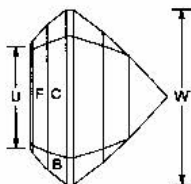
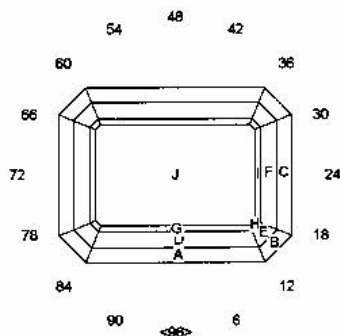
### CROWN

A	40.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut girdle width
B	32.00°	96-12-24-36-48-60-72-84	Cut to meet A at girdle
C	18.00°	06-18-30-42-54-66-78-90	Cut to meet A-B
D	0.00°	Table	

# Open Section O 9A.1

Material  
Facets 53

Natural Quartz  
Meets 44 (Crown 44, Pavilion 20)



## Standard Oblong Step Cut with Cut Corners

Angles for R.I. = 1.540

45 + 8 girdles = 53 facets

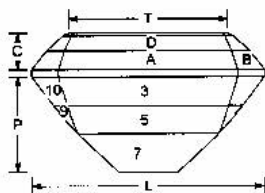
2-fold, mirror-image symmetry

96 index

$L/W = 1.333$   $T/W = 0.914$   $U/W = 0.580$

$P/W = 0.540$   $C/W = 0.208$

$Vol./W^3 = 0.543$



### PAVILION

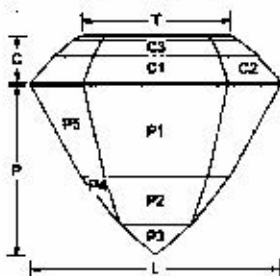
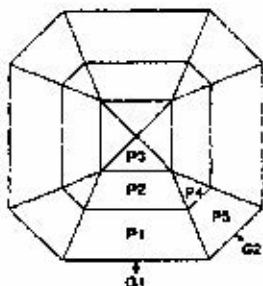
1	90.00°	96-48
2	90.00°	24-72
3	53.00°	96-48
4	53.00°	24-72
5	48.00°	96-48
6	48.00°	24-72
7	43.00°	96-48
8	43.00°	24-72
9	48.00°	12-36-60-84
10	53.00°	12-36-60-84
11	90.00°	12-36-60-84

### CROWN

A	52.00°	96-48
B	52.00°	12-36-60-84
C	52.00°	24-72
D	42.00°	96-48
E	42.00°	12-36-60-84
F	42.00°	24-72
G	27.00°	96-48
H	27.00°	12-36-60-84
I	27.00°	24-72
J	0.00°	Table

Material	Smoky Quartz
----------	--------------

Material	Topaz
Facets	Meets 45 (Crown 24, Pavilion 21)



Vargen, Glenn & Martha: Diag for Faceting v3 (1987)p47

Angles for R.J. =  $1.6 \pm 0$

**45 ÷ 8 giraffes = 53 locusts**

4-fold, mirror-image symmetry

**Sid index**
$$LWV = 1.000 \quad TAV = 0.596 \quad LWV = 0.596$$

$PMV = 0.682$   $CNV = 0.168$

$$Vol_{N^0} = 0.390$$

G1	90.00°	96-24-48-72	set size
P1	81.00°	96-24-48-72	Locate Girdle
P2	51.00°	96-24-48-72	Cut as required
P3	41.00°	96-24-48-72	Cut as required to PCP
P4	51.00°	12-36-80-84	MP 2-3
P5	61.00°	12-36-80-84	MP 1-2,4
G2	90.00°	12-36-80-84	MP G1-P1-P5

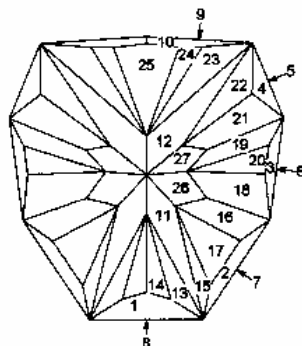
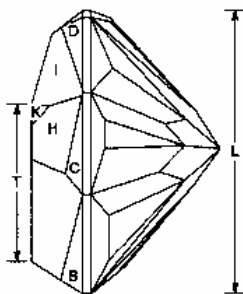
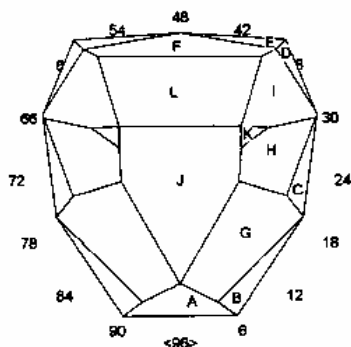
C1	49.15°	96-24-48-72	Set girdle width
C2	49.15°	12-36-80-84	Level Girdle
C3	39.00°	96-24-48-72	Cut as Required
C4	39.00°	12-36-80-84	Cut as Required
C5	28.34°	96-24-48-72	Cut as Required
C6	28.34°	12-36-80-84	Cut as required
$\pi$	0.00°	Table	59.8 of width



# Open Section O 10.1

Material  
Facets 71

M.M. Coroudum  
Meets 32 (Crown 14, Pavilion 18)



## Modified Winner

Angles for R.I.  $\approx 1.760$

$62 + 9$  girdles = 71 facets

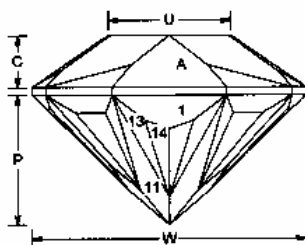
1-fold, mirror-image symmetry

96 index

$L/W = 1.035$   $T/W = 0.575$   $U/W = 0.446$

$P/W = 0.473$   $C/W = 0.188$

$Vol./W^3 \approx 0.270$



## Pavilion

- |                         |                         |
|-------------------------|-------------------------|
| 1. $51.31^\circ$ 96     | 15. $43.40^\circ$ 12-84 |
| 2. $54.02^\circ$ 15-81  | 16. $46.10^\circ$ 17-79 |
| 3. $53.02^\circ$ 22-74  | 17. $46.24^\circ$ 15-81 |
| 4. $47.98^\circ$ 30-66  | 18. $46.17^\circ$ 21-75 |
| 5. $90.00^\circ$ 30-66  | 19. $44.44^\circ$ 24-72 |
| 6. $90.00^\circ$ 22-74  | 20. $45.92^\circ$ 22-74 |
| 7. $90.00^\circ$ 15-81  | 21. $42.37^\circ$ 28-68 |
| 8. $90.00^\circ$ 96     | 22. $40.49^\circ$ 32-64 |
| 9. $90.00^\circ$ 47-49  | 23. $42.54^\circ$ 42-54 |
| 10. $69.32^\circ$ 47-49 | 24. $41.15^\circ$ 45-51 |
| 11. $40.14^\circ$ 08-88 | 25. $42.63^\circ$ 48    |
| 12. $37.58^\circ$ 39-57 | 26. $43.24^\circ$ 19-77 |
| 13. $40.51^\circ$ 05-91 | 27. $40.89^\circ$ 26-70 |
| 14. $40.77^\circ$ 02-94 |                         |

## Crown

- |                        |
|------------------------|
| A. $57.59^\circ$ 96    |
| B. $42.68^\circ$ 15-81 |
| C. $41.89^\circ$ 22-74 |
| D. $58.92^\circ$ 30-66 |
| E. $64.81^\circ$ 47-49 |
| F. $52.35^\circ$ 48    |
| G. $34.86^\circ$ 16-80 |
| H. $34.86^\circ$ 23-73 |
| I. $33.93^\circ$ 26-70 |
| J. $0.00^\circ$ table  |
| K. $33.50^\circ$ 24-72 |
| L. $16.28^\circ$ 48    |

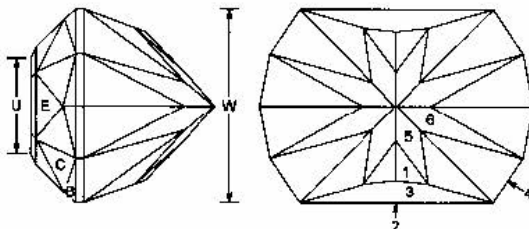
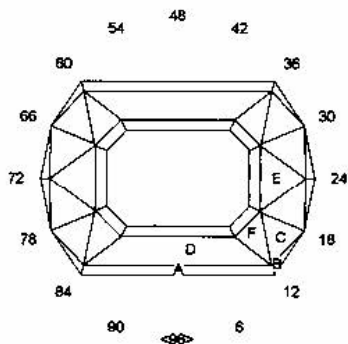
# Intermediate Section I 10.2

Material

Cubic Zirconia

Facets 71

Meets 47 (Crown 24, Pavilion 23)



## Wilma

by Don Henson

Angles for R.I. = 2.160

61 + 10 girdles = 71 facets

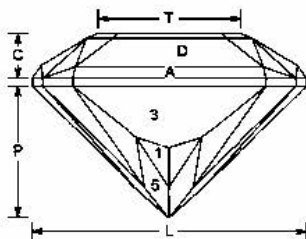
2-fold, mirror-image symmetry

96 index

L/W = 1.414 T/W = 0.742 U/W = 0.496

P/W = 0.672 C/W = 0.231

Vol./W<sup>3</sup> = 0.564



### PAVILION

1	45.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	cut to TCP
2	90.00°	96-48	establish Width
3	70.00°	96-48	establish girdle line
4	90.00°	15-21-27-33-63-69-75-81	Level girdle
5	43.00°	06-42-54-90	meet 3
6	43.73°	18-30-66-78	meet 5

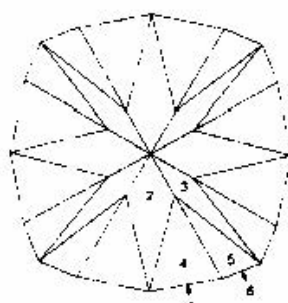
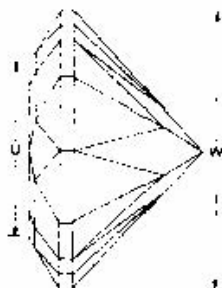
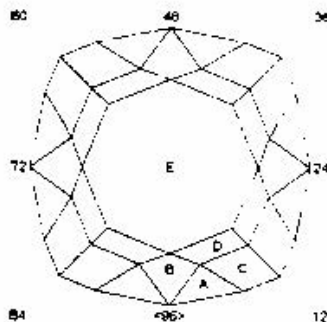
### CROWN

A	49.00°	96-48	set girdle width
B	56.15°	15-21-27-33-63-69-75-81	level girdle
C	39.99°	17-19-29-31-65-67-77-79	meet B
D	45.27°	96-48	meet A-C
E	30.88°	24-72	meet C
F	31.56°	12-36-60-84	meet A-B-C
	23.48°	24-72	meet C-E
	23.48°	12-36-60-84	meet C-E-F
	24.43°	96-48	meet F-H
	0.00°	Table	any

## Novice Section N 10.3

Material  
Facets 69

Christinite  
Meets 57 (Crown 32, Pavilion 25)



### Cushion

Angles for R.I. = 1.610

53 + 16 girdles = 69 facets

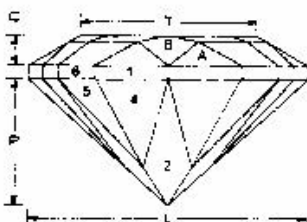
4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.627 U/W = 0.627

P/W = 0.451 C/W = 0.110

Vol./W<sup>3</sup> = 0.228



### PAVILION

1	90.00°	03-21-27-45-51-69-75-93	Establish Size of Stone
2	41.97°	96-24-48-72	Establish Girdle Line & PCP
3	39.00°	12-36-60-84	meet 1 at PCP
4	43.97°	03-21-27-45-51-69-75-93	Meet 2 at Girdle
5	42.66°	06-18-30-42-54-66-78-90	
6	90.00°	06-18-30-42-54-66-78-90	Level Girdle

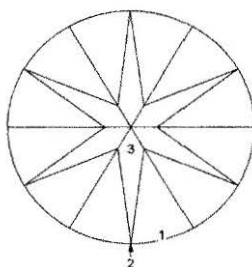
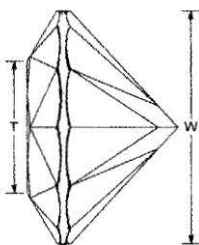
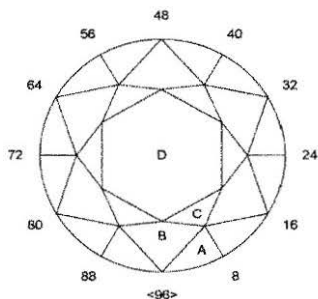
### CROWN

A	35.00°	03-21-27-45-51-69-75-93	Establish Girdle width
B	30.42°	96-24-48-72	Meet A at Girdle
C	30.42°	06-18-30-42-54-66-78-90	Level Girdle
D	18.33°	06-18-30-42-54-66-78-90	Meet A,B,C
E	0.00°	Table	Meet B,D

# Junior Section J. 10.4

Material  
Facets 44

Quartz  
Meets 31 (Crown 18, Pavilion 13)



## 96 Index Brilliant 6

by Charles W. Covill

Angles for R.I. = 1.540

43 + 1 = 44 girdles = 44 facets

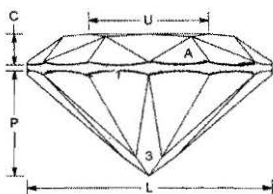
6-fold, mirror-image symmetry

96 index

$L/W = 1.000$   $T/W = 0.567$   $U/W = 0.491$

$P/W = 0.451$   $C/W = 0.133$

$Vol./W^3 = 0.216$



## PAVILION

1	43.00°	04-12-20-28-36-44-52-60-68-76-84-92	cut to TCP
2	90.00°		set size
3	41.00°	96-16-32-48-64-80	cut to PCP

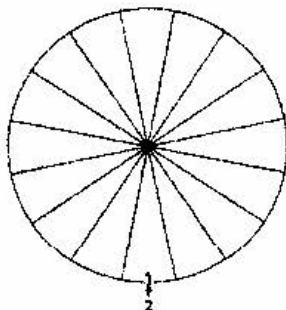
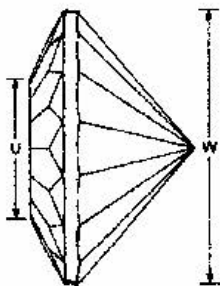
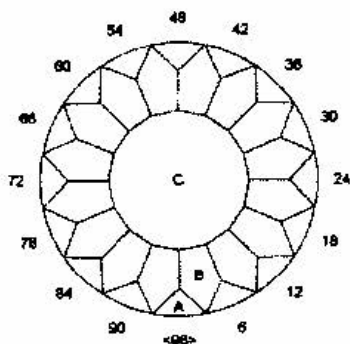
## CROWN

A	37.00°	04-12-20-28-36-44-52-60-68-76-84-92	establish girdle width
B	29.00°	96-16-32-48-64-80	meet A at girdle
C	6.00°	08-24-40-56-72-88	meet A-B
D	0.00°	Table	meet C-B-C

## Junior Section J 10.5

Material  
Facets 50

Coloured Cubic Zirconia  
Meets 17 (Crown 16, Pavilion 1)



### Simple Jack Continuous Girdle

by Bob Keller

Angles for R.I. = 2.160

49 + girdles = 50 facets

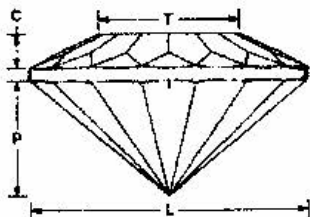
16-fold, mirror-image symmetry

96 index

$L/W = 1.000$   $T/W = 0.508$   $U/W = 0.508$

$P/W = 0.420$   $C/W = 0.122$

$Vol./W^3 = 0.206$



#### PAVILION

- |   |        |   |                               |
|---|--------|---|-------------------------------|
| 1 | 40.00° | 96-06-12-18-24-30-36-42-<br>- 48-54-60-66-72-78-84-90 | Cut to P.C.P                  |
| 2 | 90.00° | (96 total)  | Cut continuous girdle to size |

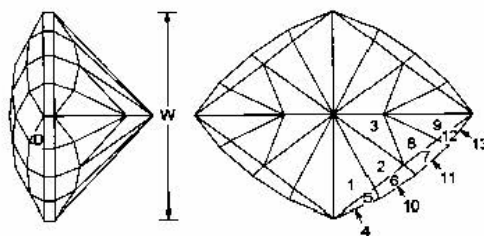
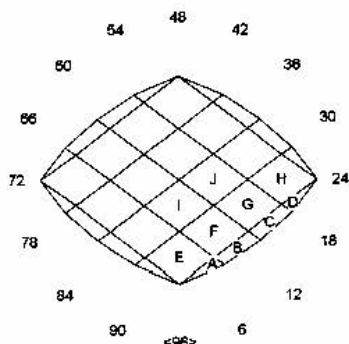
#### CROWN

- |   |        |   |                  |
|---|--------|---|------------------|
| A | 29.00° | 96-06-12-18-24-30-36-42-<br>48-54-60-66-72-78-84-90 | Set girdle width |
| B | 25.00° | 03-09-15-21-27-33-39-45-<br>51-57-63-69-75-81-87-93 | MP A at girdle   |
| C | 0.00°  | Table   |                  |

# Open Section O 11.1

Material  
Facets 84

Cubic Zirconia  
Meets 68 (Crown 37, Pavilion 31)



## A Girl's Best Friend

by Robert W. Strickland

Top by Fred Van Sant

Angles for R.I. = 2.160

68 + 16 girdles = 84 facets

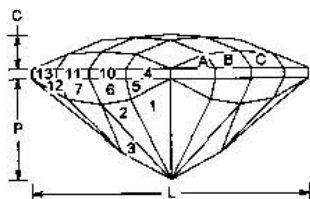
2-fold, mirror-image symmetry

96 index

L/W = 1.335

P/W = 0.478 C/W = 0.165

Vol./W<sup>3</sup> = 0.270



### PAVILION

1	44.29°	03-45-51-93	set PCP
2	43.00°	08-40-56-68	meet PCP
3	41.64°	10-38-58-86	meet PCP
4	90.00°	06-42-54-90	set size
5	59.62°	06-42-54-90	meet 1-4
6	60.13°	09-39-57-87	meet 1-2-5
7	59.35°	11-37-59-85	meet 2-3-6
8	42.99°	12-36-60-84	meet 2-3-6-7
9	41.37°	18-30-66-78	meet 3-8
10	90.00°	09-39-57-87	meet 4-5
11	90.00°	11-37-59-85	meet 10-5
12	58.36°	14-34-62-82	meet 7-8-9
13	90.00°	14-34-62-82	meet 7-11

### CROWN

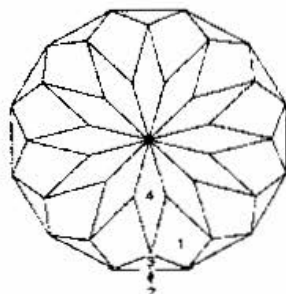
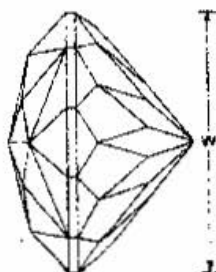
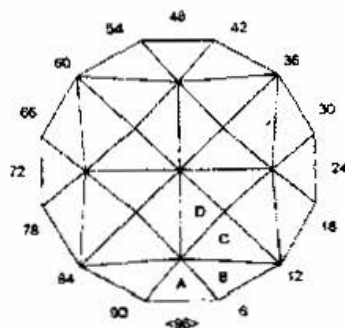
A	52.77°	06-42-54-90	set girdle width
B	50.17°	09-39-57-87	level girdle
C	49.07°	11-37-59-85	level girdle
D	48.16°	14-34-62-82	level girdle
E	28.62°	96-48	meet A at Girdle
F	20.27°	07-41-55-89	meet A-B-E
G	18.29°	13-35-61-83	meet B-C-F
H	22.21°	24-72	meet C-D-G
I	6.27°	96-48	meet E-F
J	4.70°	24-72	meet F-G-I



# Intermediate Section I.11.2

**Material**  
**Facets 76**

**Topaz**  
**Meets 46 (Crown 21, Pavilion 25)**



## 12 Main Round Brilliant No 5

by Evan A Williams

Angles for R.I. = 1.610

54 + 12 girdles = 76 facets

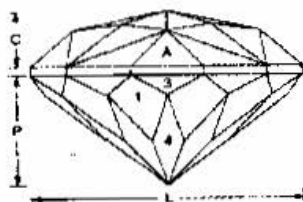
4-fold, mirror-image symmetry

96 index

L/W = 1.000

P/W = 0.424 C/W = 0.214

Vol./W<sup>3</sup> = 0.233



## PAVILION

- |   |        |   |                      |
|---|--------|---|----------------------|
| 1 | 40.98° | 04-12-20-28-<br>36-44-52-60-<br>68-76-84-92 | establish TCP        |
| 2 | 90.00° | 96-08-16-24-<br>32-40-48-56-<br>64-72-80-88 | establish stone size |
| 3 | 54.03° | 96-08-16-24-<br>32-40-48-56-<br>64-72-80-88 | level girdle meet 1  |
| 4 | 38.00° | 96-08-16-24-<br>32-40-48-56-<br>64-72-80-88 | meet 1,3, create PCP |

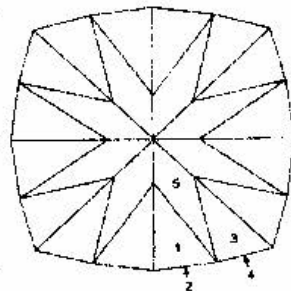
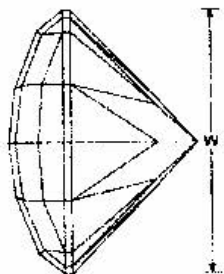
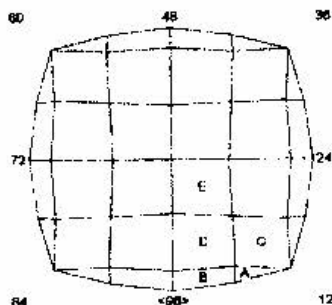
## CROWN

- |   |        |                             |                        |
|---|--------|-----------------------------|------------------------|
| A | 41.00° | 96-24-48-72                 | establish girdle width |
| B | 34.06° | 08-16-32-40-<br>56-64-80-88 | level girdle           |
| C | 29.70° | 10-14-34-38-<br>58-62-82-86 | Meet A, B              |
| D | 13.53° | 06-18-30-42-<br>54-66-78-90 | Meet A,B,C             |

# Novice Section N 11.3

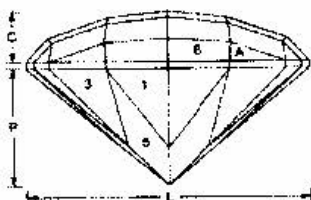
Material  
Facets 72

Quartz  
Meets 62 (Crown 37, Pavilion 25)



## Bobs Checker

by Robert E. Boddington  
Angles for R.I. = 1.540  
58 + 18 girdles = 72 facets  
4-fold, mirror-image symmetry  
96 index  
L/W = 1.000  
P/W = 0.440 C/W = 0.190  
Vol./W<sup>3</sup> = 0.239



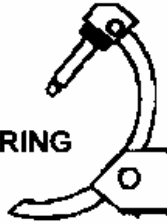
### PAVILION

1	42.00°	02-22-26-48- 50-70-74-94	cut to TCP
2	90.00°	02-22-26-48- 50-70-74-94	cut to size
3	41.09°	04-20-28-44- 52-68-76-92	meet 1 TCP
4	90.00°	04-20-28-44- 52-68-76-92	level girdle
5	41.09°	03-21-27-45- 51-69-75-93	cut to PCP meet 1-3 at girdle

### CROWN

A	50.41°	04-20-28-44- 52-68-76-92	establish girdle width
B	49.41°	02-22-26-48- 50-70-74-94	level girdle
C	26.52°	12-36-60-84	meet A at girdle
D	20.80°	04-20-28-44- 52-68-76-92	meet A-B-C
E	8.82°	12-36-60-84	meet C-D

Mel & Jenny Johnson  
**SAPPHIRE ENGINEERING**



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**P.O. BOX 55 CHILDERS QLD. 4660**  
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**EMAIL: [vjfacet@yahoo.com.au](mailto:vjfacet@yahoo.com.au)**  
**WEBSITE: [www.vjfacet.com](http://www.vjfacet.com)**

## **Meetings**

AFLACA Committee	Friday 18 <sup>th</sup> April
AFLACA J & R Committee	Saturday 19 <sup>th</sup> April
AFLACA AGM	Sunday 20 <sup>th</sup> April
Australian Facetors' Guild	Friday 18 <sup>th</sup> April



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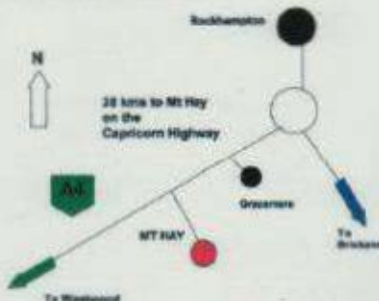
**Phone : +617 4934 7183**

**Fax : +617 4934 7346**

**Email : [aradon@lnet.net.au](mailto:aradon@lnet.net.au)**

**Web : [aradon.com.au](http://aradon.com.au)**

**GPS Co-ordinates : 23°33'31.27"S 150°12'11.73"E**

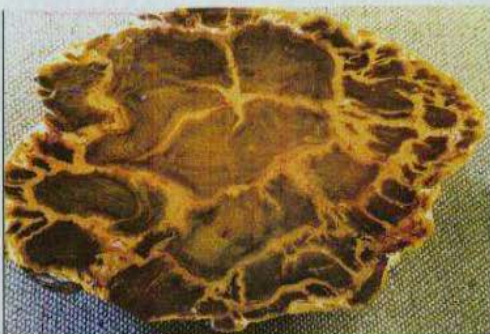


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## PETRIFIED WOOD

THE ALLUVIAL WOOD FIELDS FROM CHINCHILLA TO WANDOAN PRODUCE SOME OF THE FINEST AND DIVERSE VARIETIES OF THIS GEMSTONE IN THE WORLD. THESE INCLUDE ALONG WITH THE USUAL TIMBERS, PENTOXOLYN, OSMOIDES, FERNS, PALM, VEGETATION, AND RARE ITEMS SUCH AS FOSSOLIZED COCONUTS AND LIMBS OF TREES. PICTURED IS A FINE EXAMPLE OF PENTOXOLYN FOUND ON ONE OF THE DIGS SET ASIDE FOR FOSSICKERS.



## AGATE

AGATE CREEK FOSSICKING FIELD IN NORTH QUEENSLAND PRODUCES SOME OF THE WORLDS FINEST AGATES, BOTH IN QUALITY AND QUANTITY. ALTHOUGH HARDER TO FIND THESE DAYS NO ONE WHO IS PREPARED TO PUT IN THE USUAL EFFORT WILL GO HOME DISSAPOINTEED. THE LOCATION AND CAMPING AREAS SET ASIDE HERE ARE WELL WORTH THE LONG DRIVE TO THIS BEAUTIFUL LOCALITY. PICTURED IS A FINE AGATE FROM BALD HILLS FOUND LAST YEAR.



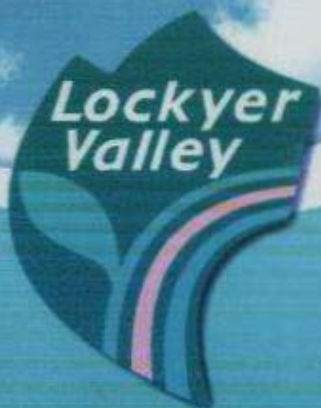
## SAPPHIRES AND ZIRCONS

ALL ROCKHOUNDS WOULD BE FAMILIAR WITH THE ANAKIE SAPPHIRE FIELD. THIS FIELD AT ONE TME SUPPLIED OVER 90% OF THE WORLD SUPPLIES OF QUALITY BLUE AND PARTI COLOUR SAPPHIRE. THESE DAYS THIS FIELD CATERS EXCLUSIVELY TO THE FOSSICKERS AND TOURISTS THAT VISIT MAINLY DURING THE WINTER MONTHS WHEN THE WEATHER IS JUST RIGHT FOR A FOSSICK. PICTURES ARE TWO FINE EXAMPLES OF BLUES OF APP 50CT EACH.



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