

GEMBOREE 2011 COMPETITION SCHEDULE AND CONDITIONS

THIS IS A LEVEL 4 COMPETITION

GENERAL CONDITIONS

- 1 This competition will be judged in accordance with the rules and definitions of the Competitor and Judging Manual for Lapidary and Allied Competitions 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 or can be purchased from the Competition Committee at a cost of \$7 (including postage).

- 2 ENTRY FORMS, POSTAL ENTRIES and any enquiries relating to this competition should be sent to:

The Competition Committee
PO Box 60
OURIMBAH NSW 2258

Phone: Annette on 02 4341 5277 or
Barbara on 02 4393 6168 & Mobile 0417 676 435

- 3 ENTRY FORMS for all sections must be received by the Competition Committee **by Saturday 19th February 2011** together with a flat entry 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, 5D, 5E, 6 to 14, 18 to 25, 26A, 26B, 27A, 28B and 40 will be judged before the GEMBOREE. They must be mailed to reach the Competition Committee **by Saturday 19th February 2011**. It is recommended that all mail entries be sent Registered or Express Post **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 2 pm and 5 pm on Thursday 21st April 2011.
- 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 Gem and Lapidary Council NSW 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, Peter Day Ph 0430 488442 or check the 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 1st place in a Novice Level 3 Competition, 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 1st place in Intermediate in a 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.

B4.4 Second paragraph

A Competitor winning a 1st place in an Open Division Section, at Level 4 MUST thereafter compete in Open Division at all levels for Sections in that Group.

- 9 A maximum of two entries per person per section is allowed except for Showcase 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 the possession of the GEMBOREE Committee.
- 12 Competitors are responsible for insurance of their entries while in transit and while in the possession of the GEMBOREE Committee.
- 13 Judging sheets will be available for collection from the Competition Office between 3 pm and 5 pm on Friday 22nd and Saturday 23rd April 2011. Judging sheets not collected then will be returned with the actual entries.
- 14 Entries must be collected between 3.30 pm and 5.00 pm on Monday 25th April 2011. Entries not collected at this time will be returned to the competitor in the manner specified on the entry form.

SPECIAL CONDITIONS

- a. **SIZES and 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 and Novelty Gemcraft** – These sizes are not as specified in the manual, please refer to the schedule.
- c. **Group 40 - Metal Clay** is not a recognised AFLACA Group but will be judged using the applicable judging sheets on page 72, 73, 74 and 75 of the Manual.
- d. **Section O 50A-1 Miniature Showcase**

The Competition Committee will provide an A4 size area per competitor (in portrait mode). A space will be supplied within a showcase for the competitor to set up their display. The competitor will supply their own base but it must be A4 size. The base only is required, sides and top not allowed. The maximum height of display is 75mm including the base. A minimum of one item in each of at least 3 of the 14 categories is required. All other general showcase conditions still apply. To be judged as Showcase General – Unlit. (Refer to Section 29A)

- e. **Sections 5E – Carving not otherwise Specified in Group 5A to 5D**

This will allow for “Celtic” or single sided bone carving which are not fully 3-dimensional or in relief with a minimum size of 50mm. The Judging sheet would be the same as all other carving sections. Refer page 38 of the Manual.

COMPETITION SCHEDULE

O = Open I = Intermediate N = Novice J = Junior
CS = Craftsmanship AA = Aesthetic Appeal PT = Perpetual Trophy
AT = Annual Trophy SC = Special Conditions

SCHEDULE

GROUPS 1 AND 2 CABOCHON CUTS

Minimum size - must not be able to be passed through a 15mm diameter hole.

Sect. No.	Description		Trophy	SC
O 1A.1	Standard Cabochon – Agate	CS	PT-01, AT-21	a
I 1A.2	Standard Cabochon – Agate	CS	PT-02	a
N 1A.3	Standard Cabochon – Agate	CS	PT-03	a
J 1A.4	Standard Cabochon	CS	AT-01, AT-15	a
O 1A.5	Standard Cabochon – Tiger's eye	AA	AT-07	a
I 1A.6	Standard Cabochon – Tiger's eye	AA		a
N 1A.7	Standard Cabochon – Tiger's eye	AA		a
O 1B.1	Fancy Cabochon	CS	PT-01	a
I 1B.2	Fancy Cabochon	CS	PT-02	a
N 1B.3	Fancy Cabochon	CS	PT-03	a
J 1B.4	Fancy Cabochon	CS	AT-01	a
O 1B.5	Fancy Cabochon – Petrified Wood	AA	AT-27	a
N 1B.6	Fancy Cabochon – Petrified Wood	AA		a
O 2A.1	Double Standard Cabochon	CS	AT-18	a
I 2A.2	Double Standard Cabochon	CS		a
N 2A.3	Double Standard Cabochon	CS	PT-03	a
O 2B.1	Double Fancy Cabochon – Obsidian (Black, Rainbow, Snowflake or Mahogany ONLY)	CS	PT-01	a
N 2B.2	Double Fancy Cabochon – Obsidian (Black, Rainbow, Snowflake or Mahogany ONLY)	CS		a

GROUP 3 FREE FORM SECTIONS

Sections 3.1 to 3.4 Minimum size - must not be able to be passed through 15mm diameter hole.

Sect. No.	Description		Trophy	SC
O 3.1	Free Form	CS	AT-27	a
I 3.2	Free Form	CS		a
N 3.3	Free Form	CS		a
J 3.4	Free Form	CS	AT-01	a

Sections 3.5 to 3.7 Minimum size - must not be able to be passed through 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 SECTIONS

Minimum size - must not be able to be passed through a 10mm diameter hole.

Sect. No.	Description		Trophy	SC
O 4A.1	Opal Doublet – Flat top	CS	PT-01	a
N 4A.2	Opal Doublet – Flat top	CS		a
O 4C.1	Opal Triplet	CS		a

GROUP 5 CARVING / CAMEO / INTAGLIO SECTIONS

Sect. No.	Description		Trophy	SC
O 5A.1	Carving – Fully 3-Dimensional Hardness under 5			
O 5A.2	Carving – Fully 3-Dimensional Hardness 5 and above		AT-25	
N 5A.3	Carving – Fully 3-Dimensional Hardness under 5			
J 5A.4	Carving – Fully 3-Dimensional Any Hardness		AT-03	
O 5B.1	Carving - In Relief Any Hardness		AT-27	
N 5B.2	Carving - In Relief Any Hardness			
O 5C.1	Cameo			
N 5C.2	Cameo			
O 5D.1	Intaglio			
N 5D.2	Intaglio			
O 5E.1	Carving not otherwise Specified in Group 5A to 5D			e
N 5E.2	Carving not otherwise Specified in Group 5A to 5D			e

GROUP 6 SCRIMSHAW

Sect. No.	Description
O 6.1	Scrimshaw
N 6.2	Scrimshaw

GROUP 7 SPHERE AND OVOID

Minimum size 30mm on the shortest dimension

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

GROUPS 8, 9, 10 AND 11 FACET CUTS

Sect. No.	Description	Trophy
O 8A.1	Standard Brilliant – Continuous Girdle Australian Labradorite	AT-23
I 8A.2	Standard Brilliant – Continuous Girdle Australian Labradorite	
N 8A.3	Standard Brilliant – Continuous Girdle Australian Labradorite	PT-03
O 8B.1	Standard Brilliant – Faceted Girdle Sapphire	AT-16
N 8B.2	Standard Brilliant – Faceted Girdle Sapphire	
O 9A.1	Standard Oblong Step Cut with Cut Corners Natural Australian Coloured Quartz	PT-01, AT-23
I 9B.1	Standard Square Step Cut with Cut Corners Man Made Coloured Corundum	
N 9B.2	Standard Square Step Cut with Cut Corners Man Made Coloured Corundum	AT-22
O 10.1	Falcon Crest, Man Made Corundum	AT-10, AT-16, AT-27
I 10.2	Zircillion 7, Topaz	
N 10.3	Susan, Coloured Cubic Zirconia	AT-22
J 10.4	Novice Cushion Triangle, Coloured Cubic Zirconia	
O 11.1	Checker Oval, Topaz	AT-16, AT-27
I 11.2	Checker Oval, Topaz	PT-02
N 11.3	Checker Oval, Topaz	AT-22

GROUP 12 TUMBLED STONES

Maximum size 40mm, minimum size - must not be able to be passed through a 15mm diameter circular hole.

Sect. No.	Description	Trophy	SC
O 12A.1	Tumbled Stones – Preformed Shape Group of 3 different materials	AT-27	a
N 12A.2	Tumbled Stones – Preformed Shape Group of 3 different materials		a

GROUPS 13 AND 14 POLISHED FACES

Sect. No.	Description	Trophy
O 13.1	Polished Face – Flat Surface	CS AT-27
N 13.2	Polished Face – Flat Surface	CS
O 14.1	Polished Face – Curved Surface	AA

GROUP 16 GEM TREES

Base **NOT** to exceed one third of overall height. (Paragraph D16.2 of the manual still applies)

Sect. No.	Description
O 16.1	Gem Tree
N 16.2	Gem 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
N 17.2	Novelty Gemcraft		b

GROUP 18 HAND FABRICATED AND WIRE WRAPPED JEWELLERY

Sect. No.	Description	Trophy
O 18A.1	Hand Fabricated Jewellery not intended to include Lapidary, Fossil or Mineral Specimen/s	AT-02
I 18A.2	Hand Fabricated Jewellery not intended to include Lapidary, Fossil or Mineral Specimen/s	
N 18A.3	Hand Fabricated Jewellery not intended to include Lapidary, Fossil or Mineral Specimen/s	
O 18B.1	Hand Fabricated Jewellery with Lapidary Item/s cut and set by entrant	AT-11, AT-27
I 18B.2	Hand Fabricated Jewellery with Lapidary Item/s cut and set by entrant	
N 18B.3	Hand Fabricated Jewellery with Lapidary Item/s cut and set by entrant	
O 18B.4	Hand Fabricated Jewellery with SOLID OPAL Item/s cut and set by entrant	AT-24
O 18C.1	Hand Fabricated Jewellery with Natural Fossil or Mineral Specimen/s set by entrant	AT-06
N 18C.2	Hand Fabricated Jewellery with Natural Fossil or Mineral 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, Fossil or Mineral item/s prepared and set by entrant	AT-26
N 18E.2	Wire Wrapped Jewellery with Lapidary, Fossil or Mineral item/s prepared and set by entrant	AT-26
J 18E.3	Wire Wrapped Jewellery with Lapidary, Fossil or Mineral item/s prepared and set by entrant	AT-26

GROUP 19 CAST JEWELLERY USING PATTERNS, MOULDS AND DIES MADE BY ENTRANT

Sect. No. Description

- O 19A.1 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral item/s
- N 19A.2 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral Item/s
- O 19B.1 Cast Jewellery **with** Lapidary item/s cut and set by entrant

GROUP 20 CAST JEWELLERY USING NATURAL OBJECTS AS PATTERNS

Sect. No. Description

- O 20A.1 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral Item/s
- N 20A.2 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral Item/s

GROUP 21 CAST JEWELLERY USING COMMERCIAL WAX MODELS OR PATTERNS

Sect. No. Description

- O 21A.1 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral Item/s
- N 21A.2 Cast Jewellery **not** intended to include Lapidary, Fossil or Mineral Item/s
- O 21D.1 Cast Jewellery **with** Commercial Lapidary Item/s set by entrant

GROUP 24 ENAMELLED JEWELLERY IN HAND FABRICATED OR CAST SETTING

Sect. No. Description

- O 24A.1 Enamelled Jewellery in Hand Fabricated Setting
- N 24A.2 Enamelled Jewellery in Hand Fabricated Setting
- O 24C.1 Enamelled Jewellery in Cast Setting using **Natural Objects as Patterns**
- O 24D.1 Enamelled Jewellery in Cast Setting using **Commercial Wax Models or Patterns**

GROUP 25 COMMERCIAL MOUNT JEWELLERY

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

GROUP 26 ENAMELLING SECTIONS

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	Enamelling Non Jewellery	AT-05
N 26C.2	Enamelling Non Jewellery	

GROUP 27 METALCRAFT

Sect. No.	Description
O 27A.1	General Metalcraft not intended to include Lapidary, Fossil or Mineral items

GROUP 28 METAL SHEET WORK

Sect. No.	Description
O 28B.1	Metal Sheet Work – Etched Pattern

GROUP 29 SHOWCASES

Sect. No.	Description	Trophy
O 29B.1	Showcase General – LIT	AT-17

GROUP 32 FOSSILS

Sect. No.	Description	SC
O 32A.1	Fossil Non Display – Any type Australian	
N 32A.2	Fossil Non Display – Any type Australian	
O 32A.3	Fossil Non Display – Any type Overseas	
N 32A.4	Fossil Non Display – Any type Overseas	
J 32A.5	Fossil Non Display – Any type Any Location	

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

O 32B.1	Fossil Non Display – Group of Three Mixed Australian	a
N 32B.2	Fossil Non Display – Group of Three Mixed Overseas	a
J 32B.3	Fossil Non Display – Group of Three Mixed Any Location	a

GROUP 34 MINERALS NON DISPLAY

Maximum size allowable for Cabinet specimens 150 mm x 150 mm x 150 mm

Sect. No.	Description	Trophy	SC
O 34A.1	Mineral Non Display, Single Specimen Cabinet Size, Australian Specimen	AT-13	a
N 34A.2	Mineral Non Display, Single Specimen Cabinet Size, Australian Specimen	AT-12	a
J 34A.3	Mineral Non Display, Single Specimen Cabinet Size, Australian Specimen		a
O 34A.4	Mineral Non Display, Single Specimen Cabinet Size, Overseas Specimen With a LEAD mineral as the predominant feature	AT-13	a
N 34A.5	Mineral Non Display, Single Specimen Cabinet Size, Overseas Specimen	AT-12	a
O 34B.1	Mineral Non Display, Group of Four Miniature, Four different crystal systems	AT-13	a
N 34B.2	Mineral Non Display, Group of Four Miniature, Four different crystal systems	AT-12	a
J 34B.3	Mineral Non Display, Group of Two Miniature, Two different crystal systems		a
O 34B.4	Mineral Non Display, Group of Three Crystal Clusters, Thumbnail, Australian Location/s	AT-09, AT-13, AT-27	a
N 34B.5	Mineral Non Display, Group of Three Thumbnail, Any Location	AT-12	a
J 34B.6	Mineral Non Display, Group of Three Thumbnail, Any Location		a

GROUP 37 MINERAL SHOWCASE

Sect. No.	Description	Trophy
O 37B.1	Mineral Showcase – Display – LIT	AT-13, AT-20

GROUP 40 METAL CLAY JEWELLERY

Sect. No.	Description	SC
N 40A.1	Metal Clay Jewellery not intended to include Lapidary, Fossil or Mineral item/s. Judging sheet on page 72 of the manual will be used.	c
N 40B.1	Metal Clay Jewellery with Lapidary item/s cut and set by entrant. Judging sheet on page 73 & 74 of the manual will be used.	c
N 40D.1	Metal Clay Jewellery with Commercial Lapidary item/s set by entrant. Judging sheet on page 75 of the manual will be used	c

GROUP 50 MINIATURE SHOWCASE

Sect. No.	Description	SC
O 50A.1	Showcase General – UNLIT – Miniature Display	d

PERPETUAL TROPHIES

PT-04 Ray Powell

CHAMPION CLUB

Donor Gem & Lapidary Council of NSW Inc.
Club with highest aggregate score of members entries based on the following:
20 points for each 1st placed entry (including 'Special Awards' given in place of 1st)
15 points for each 2nd highest scoring entry
10 points for each 3rd highest scoring entry
5 points for each 4th highest scoring entry

ANNUAL TROPHIES

PT-01 Tom Jenkins

OPEN CHAMPION LAPIDARY

Donor Victorian Gem Clubs Association Inc.
Highest aggregate score of Entrant's best entry in each of the following FIVE (5) Open sections:

- O 1A.1 Standard Cabochon
- O 1B.1 Fancy Cabochon
- O 2B.1 Double Fancy Cabochon
- O 4A.1 Opal Doublet – Flat Top
- O 9A.1 Standard Oblong Step Cut with Cut Corner, Natural Australian Coloured Quartz

PT-02 Harold Evans

INTERMEDIATE CHAMPION LAPIDARY

Donor Victorian Gem Clubs Association Inc.
Highest aggregate score of entrant's best entry in any 3 of the following 4 Intermediate sections:

- I 1A.2 Standard Cabochon
- I 1B.2 Fancy Cabochon
- I 11.2 Fancy Cut Checker Oval, Topaz
- I 25.2 Commercial Mount Jewellery

PT-03 Norm Patison

NOVICE CHAMPION LAPIDARY

Donor P. Murphy and T. Annear via AFLACA trophy fund.

Highest aggregate score of entrant's best entry in any 4 of the following 5 Novice sections:

- N 1A.3 Standard Cabochon
- N 1B.3 Fancy Cabochon
- N 2A.3 Double Standard Cabochon
- N 8A.3 Standard Brilliant – Continuous Girdle, Australian Labradorite
- N 25.3 Commercial Mount Jewellery

AT-01 Dorothy Caladine

JUNIOR CHAMPION LAPIDARY

Donor Mrs. R. Sabella

Highest aggregate score of entrant's best entry in any 3 of the following 5 Junior sections.

- J 1A.4 Standard Cabochon
- J 1B.4 Fancy Cabochon
- J 3.4 Free Form – Any Material
- J 3.7 Free Form - Opal Solid
- J 25.4 Commercial Mount Jewellery

AT-02 Kadesa Gem & Minerals

Donor Kadesa Gem & Minerals

Winner of Section O 18A.1 Hand Fabricated Jewellery not intended to Include Lapidary, Fossil or Mineral Items

AT-03 Dorothy Caladine

Donor Mrs. R. Sabella

Entrant with highest individual score in Junior Carving section J 5A.4

AT-04 The Crystal Habit Trophy

Donor Peter Beckwith

Best Mineral of Show

Donor selects winner from ALL minerals on display whether competitive or non-competitive.

Dealers, companies or institutions are not eligible.

AT-05 Val Annear

Donor Victorian Gems Clubs Association Inc.

Winner of Section O 26C.1 Enamelling Non Jewellery

AT-06 John S Ryding
Donor Mrs J. Ryding via AFLACA Trophy Fund
Winner of Section O 18C.1 Hand Fabricated Jewellery with Natural Mineral or Fossil specimen(s) set by entrant.

AT-07 Harry Miller
Donor Mrs. D Miller via AFLACA Trophy Fund
Winner of Section O 1A.5 – Standard Cabochon Aesthetic Appeal

AT-08 Earth Stones
Donor Earth Stones – Mr. J. Mommers
Best Fossil of Show
Donor selects winner from ALL fossils on display whether competitive or non-competitive.
Dealers, companies or institutions are not eligible.

AT-09 George Lude
Donor Queensland Lapidary and Allied Crafts Clubs Association Inc.
Winner Section O 34B.4 Minerals Non Display Group of Three Crystal Clusters, Thumbnail, Australian Location.

AT-10 Alex Amess
Donor Victoria Gem Clubs Association Inc.
Winner of Facet Section O 10.1 Modified Standard Cut Falcon Crest

AT-11 A & E Metal Merchants
Donor A & E metal Merchants
Winner of Section O 18B.1 Hand fabricated Jewellery with Lapidary item/s cut and set by entrant

AT-12 Jim Johnson
Donor GMCASA via AFLACA Trophy fund
Champion Novice Mineral Competitor
Highest aggregate score of Entrant's best entry in any 3 Novice Mineral sections – including Showcase.

AT-13 Broken Hill Centenary
Donor AFLACA
Champion Open Mineral Competitor
Highest aggregate score of Entrant's best entry in a minimum of 3 Open Mineral sections

AT-14 Ted Koller
Donor Victoria Gem Clubs Association Inc.
Winner of Section O 3.5 Free Form OPAL SOLID Craftsmanship

AT-15 Dazlyn Gems
Donor Dazlyn Gems
Winner of Section J 1A.4 Standard Cabochon Craftsmanship

AT-16 Peter Collins
Donor Australian Facetors' Guild Ltd
Champion Open Facetor
Highest aggregate score of entrant's best entry in the following 3 Open Faceting Sections,
O 8B.1, O 10.1 & O 11.1. If tied, Entrant with highest point scoring entry will be the winner.

AT-17 Arthur Roffey
Donor Arthur Roffey
Winner of Section O 29B.1 Showcase General Display –Lit

AT-18 Boris Novic
Donor Gem & Lapidary Council of NSW Inc.
Winner of Section O 2A.1 Double Standard Cabochon Craftsmanship

AT-19 Patrick C Murphy
Donor Mannum Minerals
Champion Junior Mineral Competitor
Highest aggregate score of a Junior's best entry in a minimum of 3 Mineral sections
Irrespective of Division

AT-20 Cyril Kovac

Donor Cyril Kovac

Winner of Section O 37B.1 Mineral Showcase – Display Lit

AT-21 Brian Bown

Donor Brian Bown

Winner of Section O 1A.1 Standard Cabochon Craftsmanship

AT-22 Jack Bushby

Donor Southern Rockhounds

Champion Novice Facetor

Highest aggregate score of entrant's best entry in the following 3 Novice Faceting Sections, N 9B.2, N 10.3 and N 11.3. If tied, Entrant with highest point scoring entry will be the winner.

AT-23 Dick Moppett

Donor Gem & Lapidary Council of NSW Inc

Highest aggregate score of entrant's best entry in sections O 8A.1 Open Standard Brilliant Continuous Girdle in Australian Labradorite and O 9A.1 Standard Oblong Step Cut with Cut corners in Natural Australian Coloured Quartz.

AT-24 Chas Totterdell

Donor Gem & Lapidary Council of NSW Inc

Winner of Section O 18B.4 Hand Fabricated Jewellery with SOLID OPAL Item/s cut and set by entrant

AT-25 The Lapidary & Gem Club of Victoria

Donor Victoria Gem Clubs Association Inc.

Winner of Section O 5A.2 Carving Fully 3-Dimensional, Hardness 5 and above

AT-26 Gold Coast School of Wirecraft

Donor Paul Howard

Highest scoring entry in Section 18E

AT-27 The Tony Annear OAM Memorial Trophy

Donor AFLACA

Highest aggregate score of entrant's best entry in the following 10 sections:

O 1B.5 Fancy Cabochon, Petrified Wood, Aesthetic Appeal; O 3.1 Freeform; O 5B.1 Carving, In Relief Any Hardness; O 10.1 Falcon Crest, Man Made Corundum; O 11.1 Checker Oval, Topaz; O 12A.1 Tumbled Stones; Preformed Shape Group of 3 different materials; O 13.1 Polished Face, Flat Surface; O 17.1 Novelty Gemcraft; O 18B.1 Hand Fabricated Jewellery with Lapidary Item/s cut and set by entrant; O 34B.4 Mineral Non Display, Group of Three, Crystal Clusters, Thumbnail, Australian Location/s.

SPECIAL TROPHIES

ST-01 GEMBOREE Senior Princess

Donor Victoria Gem Clubs Association Inc.

For selected Entrant chosen and crowned by GEMBOREE organisers

ST-02 GEMBOREE Junior Princess

Donor Tasmania Lapidary and Mineral Association Inc.

For selected Entrant chosen and crowned by GEMBOREE organisers

ST-03 Best Presented Trade Stand

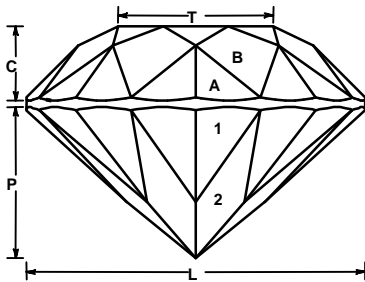
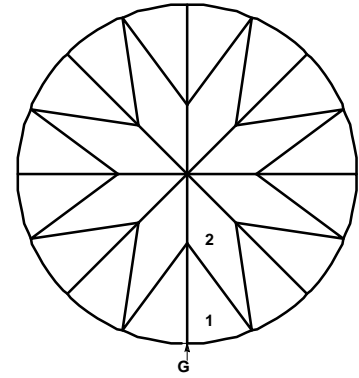
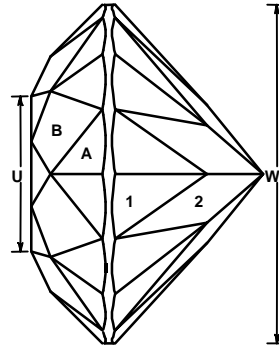
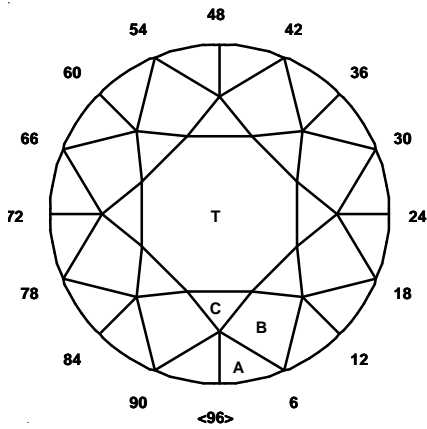
Donor Shepparton & District Gem Club

Awarded to Commercial Dealer whose stand is judged 'Best Presented' by someone appointed by Donor or GEMBOREE Committee.

Open / Intermediate / Novice Sections O.8A.1 / I.8A.2 / N.8A.3

Material
Facets 57

Australian Labradorite
Meets 41 (Crown 24, Pavilion 17)



Standard Brilliant with Continuous Girdle

Angles for R.I. = 1.560
57 facets + rolled girdle
8-fold, mirror-image symmetry
96 index
L/W = 1.000 T/W = 0.602 U/W = 0.602
P/W = 0.413 C/W = 0.148
Vol./W³ = 0.208

PAVILION

1	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to TCP
G	90.00°		Cut to size "rolled girdle"
2	41.00°	06-18-30-42-54-66-78-90	Cut to PCP, MP 1 at girdle

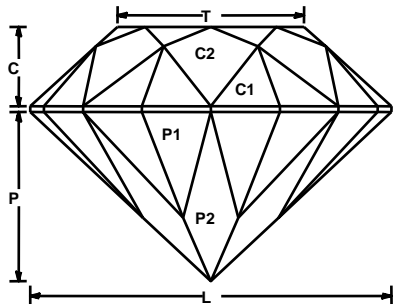
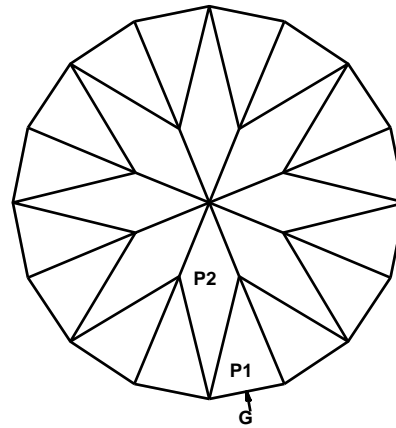
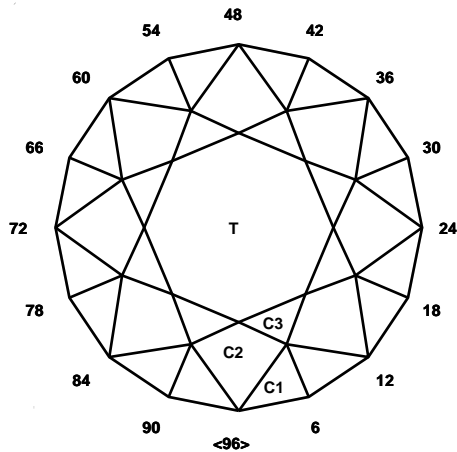
CROWN

A	45.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set girdle width
B	40.00°	06-18-30-42-54-66-78-90	MP, A at girdle
C	27.00°	96-12-24-36-48-60-72-84	MP, A - B
T	0.00°	Table	MP, B - C

Open / Novice Sections O.8B.1 / N.8B.2

Material
Facets 73

Sapphire
Meets 57 (Crown - 32, Pavilion - 25)



Standard Brilliant with Faceted Girdle

Angles for R.I. = 1.760
 57 + 16 girdles = 73 facets
 8-fold, mirror-image symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.516$ $U/W = 0.516$
 $P/W = 0.466$ $C/W = 0.218$
 $Vol./W^3 = 0.240$

PAVILION

P1 43.00° 03-09-15-21-27-33-39-45- Cut to TCP
 51-57-63-69-75-81-87-93
 G 90.00° 03-09-15-21-27-33-39-45- Outline girdle
 51-57-63-69-75-81-87-93
 P2 42.00° 96-12-24-36-48-60-72-84 Cut to meet P1 - G

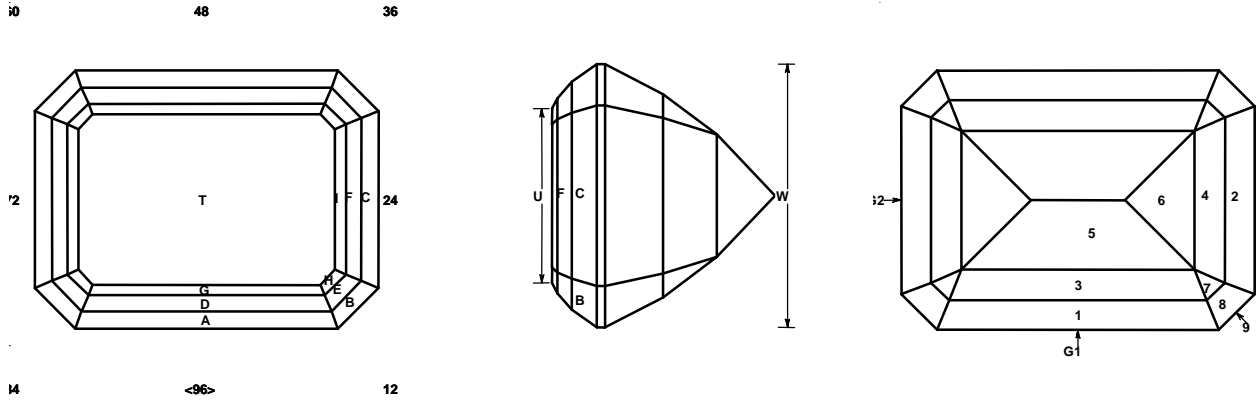
CROWN

C1 42.00° 03-09-15-21-27-33-39-45- Set girdle width
 51-57-63-69-75-81-87-93
 C2 37.00° 96-12-24-36-48-60-72-84 Cut to meet C1 - G
 C3 21.00° 06-18-30-42-54-66-78-90 Cut to meet C1 - C2
 T 0.00° Table Cut to meet C3 - C2 - C3

Open Section O.9A.1

Material
Facets 53

Natural Australian Coloured Quartz
Meets 44 (Crown 24, 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
 $L/W = 1.250$ $T/W = 0.795$ $U/W = 0.545$
 $P/W = 0.521$ $C/W = 0.216$
 $Vol./W^3 = 0.458$

PAVILION

G1	90.00°	96-48	Size to width
G2	90.00°	24-72	Size to length
1	56.00°	96-48	Locate girdle
2	56.00°	24-72	Level girdle
3	49.00°	96-48	Cut as required
4	49.00°	24-72	MP, 1-2-3
5	42.00°	96-48	Cut as required
6	42.00°	24-72	MP, 3-4-5
7	49.00°	12-36-60-84	MP, 3-4-5-6
8	56.00°	12-36-60-84	MP, 1-3 & 2-4
9	90.00°	12-36-60-84	Level girdle

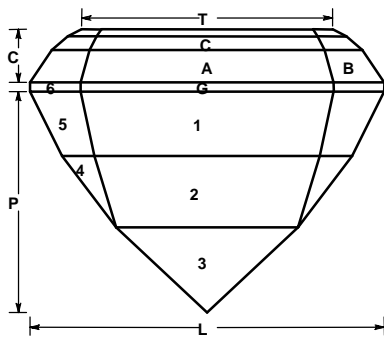
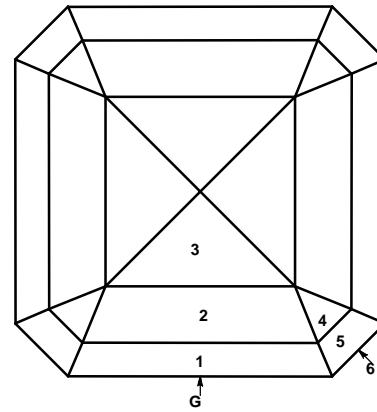
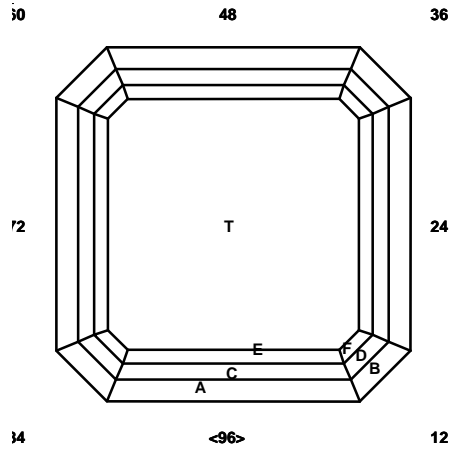
CROWN

A	55.00°	96-48	Set girdle width
B	55.00°	12-36-60-84	
C	55.00°	24-72	
D	42.00°	96-48	Estimate depth
E	42.00°	12-36-60-84	
F	42.00°	24-72	
G	27.00°	96-48	Estimate depth
H	27.00°	12-36-60-84	
I	27.00°	24-72	
T	0.00°	Table	Estimate depth

Intermediate / Novice Sections I. 9B.1 / N. 9B.2

Material
Facets 53

M.M. Coloured Corundum
Meets 43 (Crown 24, Pavilion 21)



Standard Square Step Cut with Cut Corners

Angles for R.I. = 1.760

45 + 8 girdles = 53 facets

4-fold, radial symmetry

96 index

L/W = 1.000 T/W = 0.500 U/W = 0.500

P/W = 0.529 C/W = 0.185

Vol./W³ = 0.337

PAVILION

G	90.00°	96-24-48-72	ECED, Set Stone Size
1	53.00°	96-24-48-72	Set Girdle
2	46.00°	96-24-48-72	Cut as required
3	39.00°	96-24-48-72	Cut as required to PCP
4	46.00°	12-36-60-84	MP, 3-4
5	53.00°	12-36-60-84	MP, 2-3-5
6	90.00°	12-36-60-84	MP, 1-2, Level Girdle

CROWN

A	45.00°	96-24-48-72	Set Girdle Width
B	45.00°	12-36-60-84	
C	35.00°	96-24-48-72	Cut as required
D	35.00°	12-36-60-84	
E	25.00°	96-24-48-72	Cut as required
F	25.00°	12-36-60-84	
T	0.00°	Table	54% of width

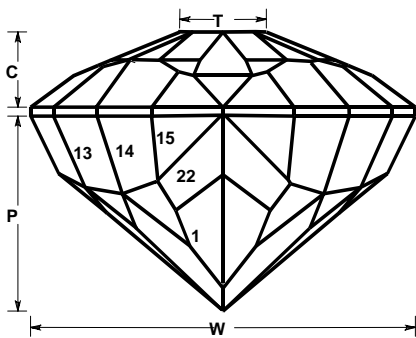
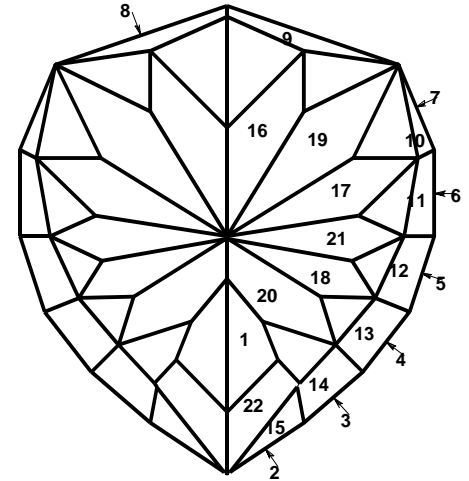
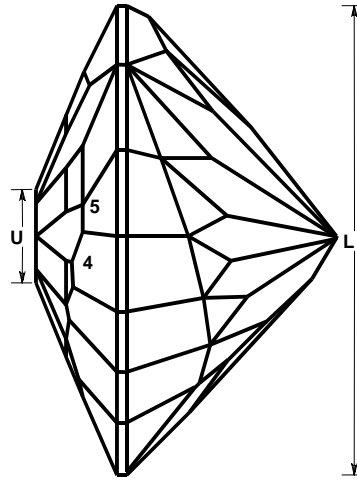
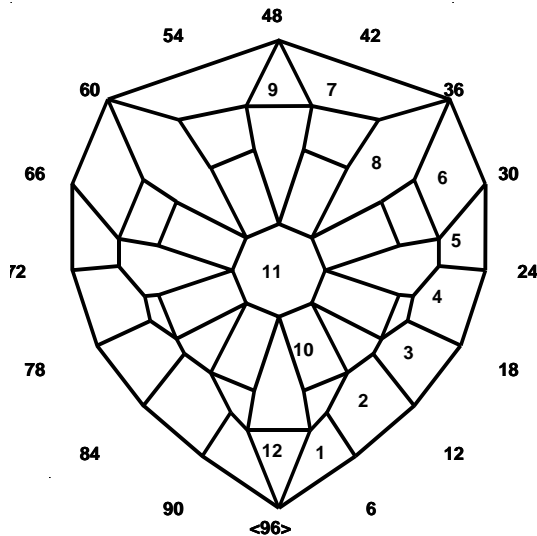
Open Section O.10.1

Material

Facets 99

MM Corundum

Meets 63 (Crown 32 - Pavilion 31)



FALCON CREST

By Jerry L. Capps 24/1/00

Angles for R.I. = 1.760

85 + 14 girdles = 99 facets

1-fold radial symmetry

96 index

L/W = 1.129 T/W = 0.228 U/W = 0.228

P/W = 0.506 C/W = 0.197

Vol./W³ = 0.264

PAVILION

1	43.20°	03-09-15-21- 27-33-39-45- 51-57-63-69- 75-81-87-93	TCP
2	90.00°	09-87	Meet center angle (CAM)
3	90.00°	11-85	C.A.M. (Center Angle Method)
4	90.00°	14-82	C.A.M.
5	90.00°	19-77	C.A.M.
6	90.00°	24-72	C.A.M.
7	90.00°	30-66	C.A.M.
8	90.00°	43-53	Mt Center Angle; close endpoint
9	65.15°	43-53	Level girdle
10	61.33°	30-66	Level girdle
11	63.20°	24-72	Level girdle
12	64.44°	19-77	Level girdle
13	65.15°	14-82	Level girdle
14	65.01°	11-85	Level girdle
15	63.59°	09-87	Level girdle
16	40.20°	42-54	MP 1-9-1 PCP
17	40.27°	30-66	MP 1-10-1; 1-1-16
18	39.72°	19-77	MP 1-12-1 PCP
19	40.65°	36-60	GMP - PCP
20	39.60°	12-84	MP 1-13-1 PCP
21	39.85°	24-72	MP 1-11-1 PCP
22	46.22°	04-92	GMP; MP 15-14-1

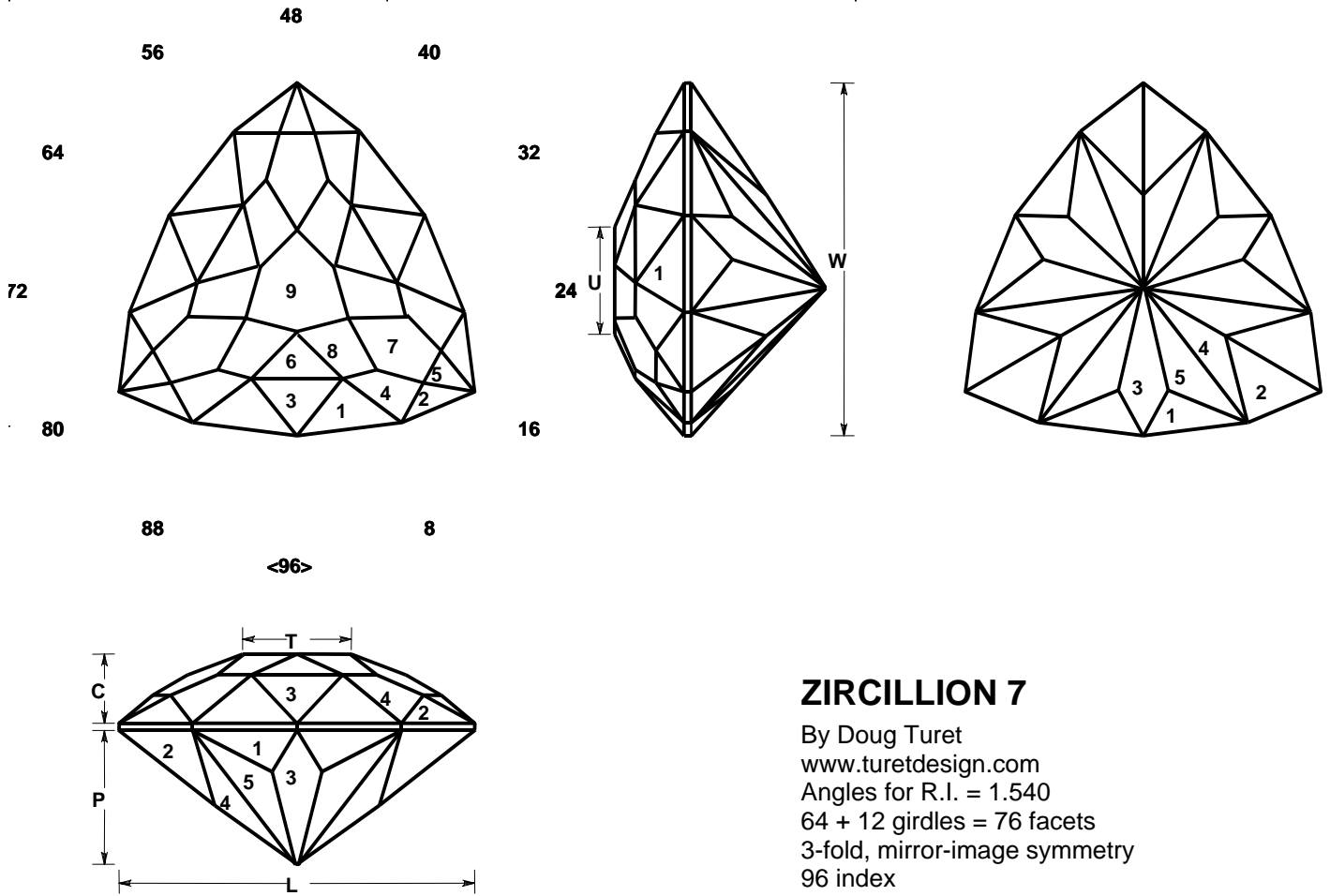
CROWN

1	36.15°	09-87	Level girdle
2	36.43°	11-85	Level girdle
3	37.25°	14-82	Level girdle
4	36.79°	19-77	level girdle
5	36.17°	24-72	Level girdle
6	28.24°	30-66	Level girdle
7	32.31°	43-53	Level girdle
8	22.65°	96-06-12-18- 24-30-36-42- 48-54-0-66- 72-78-84-90	GMP (36,60 only)
9	26.50°	48	GMP; MP 7-8-8
10	21.70°	06-18-30-42- 54-66-78-90	MP 8-3-8; 8-2-8
11	0.00°	Table	MP 10-8-10
12	23.86°	96	GMP; MP 1-8-8

Intermediate Section I.10.2

Material
Facets 76

Topaz
Meets 46 (Crown 30, Pavilion 16)



ZIRCILLION 7

By Doug Turet
www.turetdesign.com
 Angles for R.I. = 1.540
 64 + 12 girdles = 76 facets
 3-fold, mirror-image symmetry
 96 index
 $L/W = 1.010$ $T/W = 0.306$ $U/W = 0.305$
 $P/W = 0.382$ $C/W = 0.195$
 $Vol./W^3 = 0.175$

PREFORM

1	90.00°	02-30-34-62-66-94	Establish stone width
2	32.47°	02-30-34-62-66-94	Cut to TCP
3	29.64°	06-26-38-58-70-90	Cut to TCP
4	90.00°	06-26-38-58-70-90	Establish stone length

PAVILION

1	44.80°	02-30-34-62-66-94	Cut to new TCP
2	40.38°	06-26-38-58-70-90	Level girdle
3	42.50°	96-32-64	Cut to PCP
4	40.18°	05-27-37-59-69-91	Cut to PCP
5	41.75°	03-29-35-61-67-93	Cut to PCP

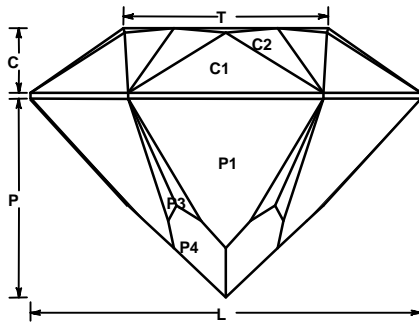
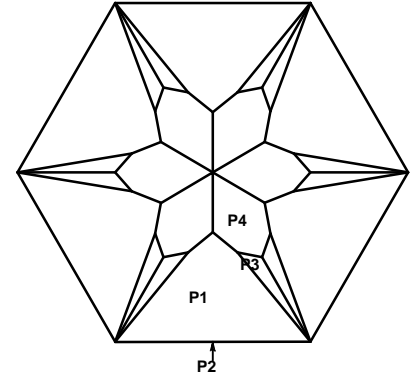
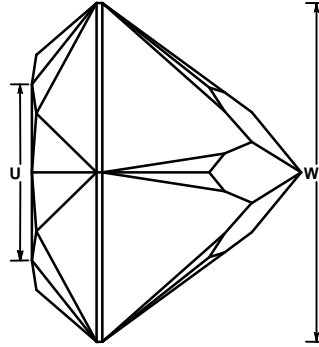
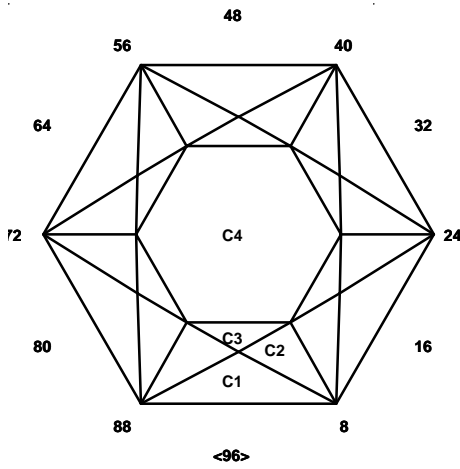
CROWN

1	43.29°	02-30-34-62-66-94	Establish girdle width
2	44.00°	06-26-38-58-70-90	Level girdle
3	39.93°	96-32-64	Lower central mains
4	39.93°	04-28-36-60-68-92	Lateral mains
5	29.00°	16-48-80	Lower corner mains
6	25.40°	96-32-64	Upper central mains
7	23.60°	16-48-80	Upper corner mains
8	21.00°	04-28-36-60-68-92	Stars (which double as lateral upper mains)
9	0.00°	Table	

Novice Section N.10.3

Material
Facets 55

Coloured Cubic Zirconia
Meets 25 (Crown 18, Pavilion 7)



Susan Gem

By John Wren AFG
 Angles for R.I. = 2.160
 49 + 6 girdles = 55 facets
 6-fold mirror image symmetry
 96 index
 $L/W = 1.155$ $T/W = 0.606$ $U/W = 0.525$
 $P/W = 0.590$ $C/W = 0.190$
 $Vol./W^3 = 0.329$

PAVILION

P1	54.00°	96-16-32-48-64-80	Cut to TCP
P2	90.00°	96-16-32-48-64-80	Level girdle
P3	48.00°	06-10-22-26-38-42-54-58-70-74-86-90	Meet P1, P2, P2
P4	43.00°	08-24-40-56-72-88	Cut to PCP, & P3, P3, P4 halfway to girdle

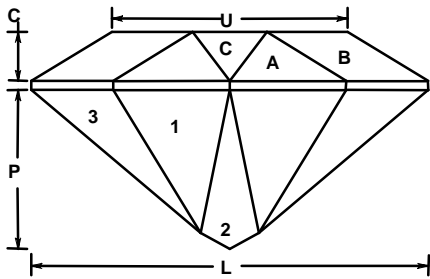
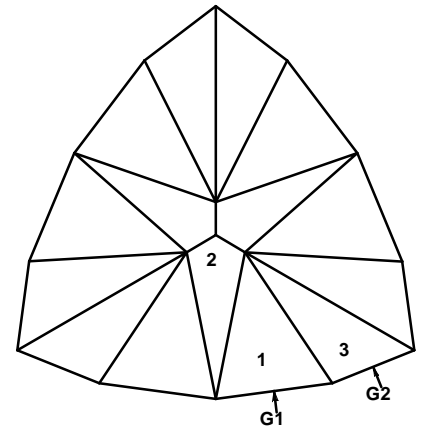
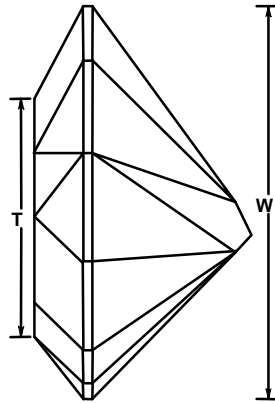
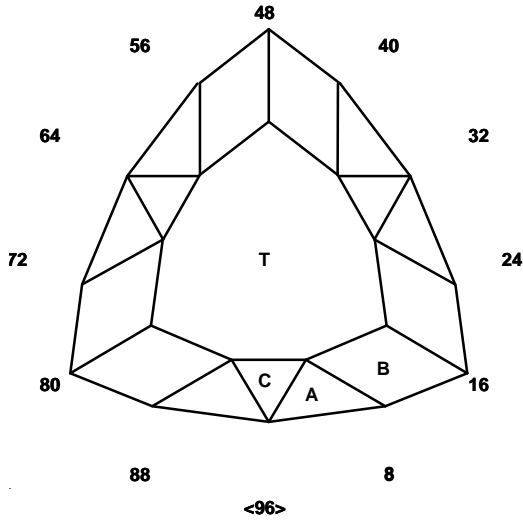
CROWN

C1	49.00°	96-16-32-48-64-80	Set girdle thickness and level
C2	35.00°	06-10-22-26-38-42-54-58-70-74-86-90	Meet C1, C2, P2, P2
C3	9.20°	96-16-32-48-64-80	Meet C1, C2, C2
C4	0.00°	Table	Meet C2, C2, C3, C3

Junior Section J.10.4

Material Coloured Cubic Zirconia

Facets 43: Meets 33



13.142 Novice Cushion Triangle

by Robert W. Strickland
AFG Facet Talk, Jan/Feb 1999

Angles for R.I. = 2.150
31 + 12 girdles = 43 facets
3-fold mirror-image symmetry
96 index
 $L/W = 1.009$ $T/W = 0.604$ $U/W = 0.599$
 $P/W = 0.403$ $C/W = 0.122$
 $Vol./W^3 = 0.161$

PAVILION

1	45.00°	02-30-34-62-66-94	Meet at temporary center point
2	44.00°	96-32-64	Size stone. Meet at final cent point
3	42.50°	06-26-38-58-70-90	Meet 1-1-2-2
G1	90.00°	02-30-34-62-66-94	Meet 1-2
G2	90.00°	06-26-38-58-70-90	Level girdle

CROWN

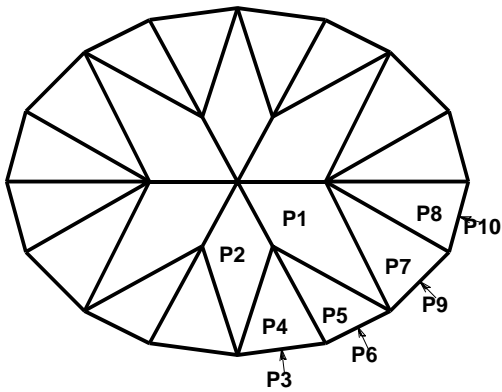
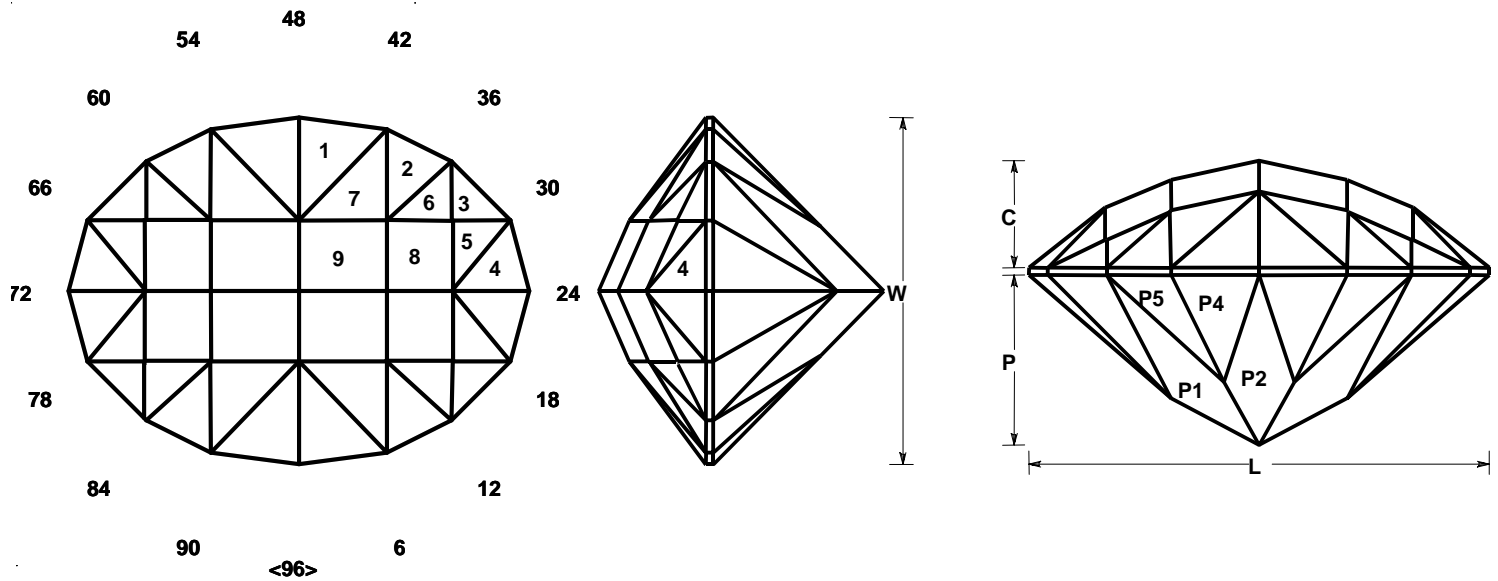
A	40.00°	02-30-34-62-66-94	Leave some girdle
B	33.00°	06-26-38-58-70-90	Level girdle
C	37.50°	96-32-64	Meet girdle
T	0.00°	Table	Table

Open / Intermediate / Novice Sections O.11.1 / I.11.2 /

N.11.3

Material
Facets 74

Topaz
Meets 54 (Crown 31, Pavilion 23)



CHECKER OVAL

Facet Design Vol 1A
Angles for R.I. = 1.61
58 + 16 girdles = 74 facets
2-fold, mirror-image symmetry
96 index
L/W = 1.33
P/W = 0.491 C/W = 0.310
Vol./W³ = 0.326

PAVILION

P1	39.00°	10-38-58-86
P2	42.5°	96-48
P3	90.00°	02-46-50-94
P4	44.00°	02-46-50-94
P5	42.10°	07-41-55-89
P6	90.00°	07-41-55-89
P7	40.00°	12-36-60-84
P8	40.00°	20-28-68-76
P9	90.00°	12-36-60-84
P10	90.00°	20-28-68-76

CROWN

1	35.00°	02-46-50-94
2	33.30°	07-41-55-89
3	33.20°	12-36-60-84
4	36.70°	20-28-68-76
5	31.60°	13-35-61-83
6	31.60°	11-37-59-85
7	31.90°	05-43-53-91
8	29.80°	12-36-60-84
9	24.30°	07-41-55-89