

CUTTING STYLES



Cushion Oval Triangle Pear Round

GEMMOLOGICAL SPECIFICATIONS

Mineral	Quartz
Chem. Composition:	SiO ₂
Specific Gravity	2.66
Hardness	7
Refractive Index	1.544 – 1.553
Birefringence	0.009
Fluorescence	Inert
Pleochroism	Weak
Optic character	Uni-axial positive

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. The customer shall have no claim against the grader, its principal, distributor or retailer for any inaccuracies or errors contained herein. Most gemstones are heated to improve their colour.

GRADER Dr P Prins Ph.D (geochemistry) MBA Stellenbosch
Mrs Riana Courtis. Graduate Gemmologist (GIA)

Date.....signature.....

SMOKY QUARTZ



The items graded

GEMMOLOGICAL GRADING REPORT No. XCI 123C

PRINS & PRINS GEMSTONE LABORATORY



Huguenot House, 66 Loop St. Cape Town RSA

www.prinsandprins.com

Member of the S.A Jewellery Council

GRADING REPORT

Identification..... Smoky Quartz

Weight..... 2= 5.96 ct

Dimensions ... 10.00 x 8.26 – 5.52 mm
10.07 x 8.30 – 5.09 mm

Shape EMERALD CUT

Colour Hue ... ORANGY BROWN

Tone medium

Saturation medium

Clarity Eye clean

Cut VERY GOOD

Brilliance 85%

FINAL GRADE ... PREMIER PLUS.....

EXPLANATION OF REPORT

WEIGHT 1 carat = 200mg = 100 points

COLOUR – has three components:

1.Hue: Describes the colour the eye sees. eg. yellowish green.

2.Tone: Indicates to the lightness or darkness of the colour..

Very light	Light	Medium	Dark	Very dark
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3.Saturation: Indicates to the intensity and purity of the colour.

Poor	Medium	Strong	Vivid
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CLARITY indicates the amount of internal and external blemishes visible with the trained naked eye

Eye clean	Slightly included	Moderately Included	Heavily Included
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CUT describes the quality of the stone's symmetry, its polish and proportions

Very good	Good	Average
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BRILLIANCE the percentage of light reflected to the eye in the stone's face-up position

FINAL GRADE

Premier plus	Premier	Good	Average	Poor
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