SOME CUTTING STYLES

Cushion   Oval   Triangle   Pear   Round

GEMMOLOGICAL SPECIFICATIONS

Mineral	Corundum
Chem.Composition:	Al_2O_3
Specific Gravity	4.00
Hardness	9
Refractive Index	1.762 – 1.770
Birefringence	0.008 – 0.010
Fluorescence	Orangey red
Pleochroism	vB-gB
Optic character	Doubly refractive
Optic sign	0.018

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. PS: Most gemstones have been heated to improve their colour

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

Date………………………………signature…………….

RUBY

The item graded

GEMMOLOGICAL GRADING REPORT

No. XRU 029

PRINS & PRINS
GEMSTONE LABORATOR

Huguenot House, 66 Loop St. Cape Town RSA
www.prinsandprins.com

Member of the S.A Jewellery Council

GRADING REPORT

Identification……**Natural Ruby**…..……….....

Origin ………………   **Kenya**   …..……..……….

Weight…………..   **1.79 ct**…………..…..………

Dimensions….**6.69 x 6.70 – 4.15 mm** …..

Shape ……… **ROUND CABOCHON** …………..

Colour Hue ………..   **RED**………..…………

Tone ……… **DARK** ………..……...

Saturation… **MODERATE**…..…..…..

Clarity……… **Heavily Included** …..………..

Cut ………………….. **Very good**   …..……….

Brilliance ……………   **n/a** ………...……...…..

FINAL GRADE…… **PREMIER** …..……………....

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

3.Saturation: Indicates to the intensity and purity of the colour.

Poor	Moderate	Strong	Vivid

CLARITY   indicates the amount of internal and external blemishes visible with the trained naked eye

Eye clean	Slightly included	Moderately Included	Heavily Included

CUT   describes the quality of the stone's symmetry, its polish and proportions

Very good	Good	Average

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

FINAL GRADE

Premier plus	Premier	Good	Average	Poor