



ORIGIN REPORT

Report Details

No. 20031801272004
Date 20th March 2018
Item One polished gemstone
Weight 27.20 ct
Dimensions 22.35 x 18.36 x 5.93 (mm)
Cut Cabochon/Flat
Shape Pear
Color Blue, Green and Yellow

Identification

Species Natural Corundum
Variety Gold-Sheen Sapphire
Comment No indications of heating

This sample displays a multi-colored sheen effect

This variety of corundum is "RARE AND UNIQUE"

Advanced Instruments

☒ Microscope ☐ FTIR ☒ EDXRF
☐ UV / VIS / NIR ☐ Raman ☐ LA-ICP-MS

The Terms and Conditions of this report can be found on the reverse of this sheet.
This report has been made in accordance with these Terms and Conditions.



Following gemological testing, the characteristics of this gemstone were found to be consistent with those of Natural Sapphires from

Kenya



ICA | GemLab

DR. DIETMAR SCHWARZE
Chief Gemologist

PANTAREE LOMTHONG
Senior Gemologist





Tokyo Gem Laboratory (Thailand) Co., Ltd.

987 Rama Jewelry Bldg., 3rd Floor, Silom Road, Bangrak, Bangkok 10500 Tel. 0-2635-2030-2 Fax. 0-2635-2033

CERTIFICATE OF GEM IDENTIFICATION

File number 25020002

Date 02 Feb 2015

IDENTIFICATION

Result NATURAL SAPPHIRE (STAR)
Cutting Buff - Top Cut
Color Bronze (Golden)
Measurement 18.66 X 18.84 X 5.21 mm.
Weight 19.50 cts.



THE RESULT OF GEM IDENTIFICATION IS DONE BY THE FOLLOWING TEST.

- | | |
|---|---|
| ☒ Refractive index | ☒ Specific gravity |
| ☒ Optical character | ☒ Absorption spectrum |
| ☒ Fluorescence | ☒ Pleochroism |

MAGNIFICATION

Fingerprints, Crystals, Needles, Minute particles

COMMENTS

No evidence of heat enhancement has been found in this stone.
The stone displays rare golden sheen effect.

Gemologist

Gemologist

See limitation on reverse

ICA | GemLab

ORIGIN REPORT

Report Details

No.	20031801649001
Date	20th March 2018
Item	One polished gemstone
Weight	62.87 ct
Dimensions	33.73 x 26.98 x 5.78 (mm)
Cut	Fancy/Flat
Shape	Oval
Color	Blue, Green and Yellow

Identification

Species	Natural Corundum
Variety	Gold-Sheen Sapphire
Comment	No indications of heating

This sample displays a multi-colored sheen effect

This variety of corundum is "RARE AND UNIQUE"

Advanced Instruments

☒ Microscope	☐ FTIR	☒ EDXRF
☐ UV / VIS / NIR	☐ Raman	☐ LA-ICP-MS

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ICA | GemLab

[Signature]

DR. DIETMAR SCHWARZ
Chief Gemologist

[Signature]

PANTAREE LOMTHONG
Senior Gemologist



GEMSTONE REPORT

EDELSTEINBERICHT

RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2015-016808
Date 20th February 2015
Object One faceted gemstone
Identification Natural Fancy Star Sapphire *



Weight 6.37 ct
Dimensions 13.50 x 11.15 x 3.89 (mm)
Cut cabochon
Shape oval
Color "golden"- bronze
Comment No indication of thermal treatment
* displays a so-called "sheen"-effect

Dieser Edelsteinbericht wird nur unter der Voraussetzung abgegeben, dass die wichtigen Informationen auf der Rückseite als Vertragsbestandteil mit der GRS Gemresearch Swisslab AG akzeptiert worden sind. Spezielle Beachtung ist der Handhabung mit der Deklaration von Behandlungen zu schenken.

GRS



Dr. A. Peretti FGG FGA
GRS GEMRESEARCH
SWISSLAB® European Geologist

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2015-016808



Verification

Translation

Code Use
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www.gemresearch.com
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GRS Gemresearch Swisslab Gemstone Reports are issued under condition that the information and limitation on the reverse side form an integral part of the relevant contract with GRS Gemresearch Swisslab AG. Please note the regulations governing the declaration of gemstone treatments.



LABORATORY REPORT

Report No.: 0009471

Password : 7171

Date : Sep. 29, 2016

Object : One faceted gemstone

Weight : 18.42 carats.

Dimensions : 16.46 x 15.29 x 5.91 mm.

Shape : Cushion

Cutting Style : Crown : Fancy cut

Cutting Style : Pavilion : Fancy cut

Color : Bluish Orangish Brown

Transparency : Translucent

Hardness : 9

CONCLUSION

Species : Natural Corundum

Variety : Natural Golden Sheen Sapphire

Comment : No indication of heating.

Identification

NATURAL GOLDEN SHEEN SAPPHIRE



The image shown is approximate

Origin

Africa (Kenya)



Gemologist

Moradegan
Director

The Authenticity of this report can be checked on-line through

www.aglthai.com

Please note the detail of the comment, regulation, and declaration of gemstone treatments on the back side of the cover.



Identification Result

Species: NATURAL CORUNDUM

Variety: FANCY SAPPHIRE

Comment(s): No indications of heating

This stone has unique "Golden Sheen" effect created by the reflection of light from microscopic natural inclusions within the stone

The comment of this report is consistent with the current LMHC nomenclature.

This test report represents the identification result of the sample(s) only.
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GIT No.: 1501280130002

C-1237

Date : February 13, 2015

Sample Type: 1 cut stone

Weight: 24.66 ct

Dimensions: 20.16 x 19.98 x 5.97 mm

Shape: Round

Cut: Cabochon/Fancy

Color: Brown with "Golden Sheen"



Report Verification

Advanced Instruments Used for Identification

☐ Diamond view	☐ EDXRF	☐ FTIR Spect.	☐ Laser Raman Spect.
☐ LA-ICP-MS	☐ LIBS	☐ UV-VIS-NIR Spect.	☐ X-Radiography
☐ XRD			

Please see the back side for additional information.
The original report with the grand palace hologram is the only valid identification document.

LABORATORY FINDINGS

Description 1 Loose Stone

Weight 24.66 ct

Dimensions 20.15 x 19.96 x 6.01 mm

Shape Round

Cutting Style Fancy

Crown Cabochon
Pavilion Fancy

Transparency Opaque

Color (Daylight) Bronze

Saturation Rich
Tone Medium

Enhancement Code None Detected

NOTES

This gem displays a six-rayed star in direct sunlight. Star gems are increasingly rare in today's market.

Lotus Gemology is the world's only lab exclusively devoted to ruby, sapphire & spinel. This report is a professional opinion based on the results of scientific tests, coupled with the extensive experience of Lotus Gemologists. The following pages contain information crucial to understanding the results.

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NATURAL STAR
SAPPHIRE

ORIGIN

Kenya

From just inside Kenya's border with Somalia comes a most unusual sapphire featuring a golden sheen and beautifully abstract patterns of zoning.

COLOR TYPE

Golden Sheen

The rare shimmering appearance of this sapphire earns it the Lotus "Golden Sheen" distinction.

Verify this report by referencing Report No. 3350-0421 with PIN No. 451719 at LotusGemology.com.

LABORATORY FINDINGS

Description	1 Loose Stone	
Weight	11.48 ct	
Dimensions	19.47 x 13.50 x 4.05 mm	
Shape	Oval	
Cutting Style	Cabochon	Crown Cabochon Pavilion Cabochon
Transparency	Transparent to opaque	
Color (Daylight)	Zoned bronze and blue	Saturation Rich Tone Medium-Deep
Enhancement Code	None Detected	

NOTES

This gem displays a six-rayed star in direct sunlight. Star gems are increasingly rare in today's market.

Lotus Gemology is the world's only lab exclusively devoted to ruby, sapphire & spinel. This report is a professional opinion based on the results of scientific tests, coupled with the extensive experience of Lotus gemologists. The following pages contain information crucial to understanding the results.

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ID

NATURAL STAR
SAPPHIRE

ORIGIN

Kenya

In 1973, ruby was discovered in Kenya's T savo West National Park. Since that time other deposits of ruby and sapphire have been found, producing a number of large and fine gems.

COLOR TYPE

Golden Sheen

The rare shimmering appearance of this sapphire earns it the Lotus "Golden Sheen" distinction.

Verify this report by referencing Report No. 4103-3872 with PIN No. 740723 at LotusGemology.com.

Report No. 67238-2
Date 8th April 2014



Gem Identification Report

IDENTIFICATION RESULT

鑑別結果

NATURAL SAPPHIRE



Weight 8.350 ct
Measurements 12.85 - 12.95 x 7.13 mm
Shape / Cut Round / Brilliant
Transparency Transparent
Colour(s) Bronze (golden)

Comments No indications of heat enhancement.

The strong schiller phenomenon is creating "GOLDEN SHEEN".

TEST RESULTS

検査結果

Optic Character :	DR U-
Refractive Index :	1.76 - 77
Specific Gravity :	4.00±
Pleochroism :	Observable
Absorption Spectrum :	Fe
Fluorescence :	Inert / Inert
Magnification :	Natural Inclusion(s) / Features

Tested by

Arcut

Amur



* Please read important LIMITATIONS on reverse

Gemstone Identification Report

Report No. : GF17092148

Date : 26 September 2017

Weight : 4.83 cts

Shape : Cushion

Cut : Faceted

Measurements : $\approx 10.01 \times 10.01 \times 4.44$ mm

Color : Brown - Yellow

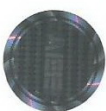
Identification : **Natural Sapphire**

Comment :

No indications of heating.

This stone displays a golden sheen effect and is known in the trade as "Golden Sheen Sapphire".

photo not actual size



Verification



GF17092148

Accredited Gemologist
(AIGS)

Accredited Gemologist
(AIGS)

Instruments Used:

- ☒ Microscope ☐ FTIR ☒ EDXRF
☐ UV/VIS/NIR ☐ LIBS ☐ DFI



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GIA GEMOLOGICAL REPORT

SAPPHIRE REPORT

GIA REPORT 5223094841

March 24, 2016

DETAILS

Shape..... **Oval**
 Cutting Style **Cabochon**
 Transparency **Semi-Transparent**
 Color..... **Blue**

RESULTS

Species..... **Natural Corundum**
 Variety..... **Natural Sapphire**
 Geographic Origin **Not Requested**

TREATMENT

No Indications of Heating

Item Description: One loose stone
 Weight: **3.82 carats**
 Measurements: **12.55 x 10.58 x 2.71 mm**
 Comments: Known in the trade as 'golden sheen sapphire'.



Image is approximate



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GIA GEMOLOGICAL REPORT

SAPPHIRE REPORT

GIA REPORT 6222086838

March 24, 2016

DETAILS

Shape..... **Oval**
 Cutting Style **Cabochon**
 Transparency **Semi-Transparent**
 Color..... **Brown**
 Phenomenon **Displaying Asterism**

RESULTS

Species..... **Natural Corundum**
 Variety..... **Natural Star Sapphire**
 Geographic Origin **Not Requested**

TREATMENT

No Indications of Heating

Item Description: One loose stone
 Weight: **1.81 carats**
 Measurements: **9.72 x 7.44 x 2.09 mm**
 Comments: Known in the trade as 'golden sheen sapphire'.



Image is approximate



reportcheck.gia.edu

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