

Long
J • E • W • E • L • E • R • S
of Chesapeake

Hampton Road's "Premier"
Certified Gemological Laboratory &
Professional Gem & Jewelry Appraisal Services

Hampton Road's 1st & ONLY
AGA-Certified Gemological Laboratory
AGA/CGL#25
Expires 05-19-2015

101 North Battlefield Blvd
Woodford Square
Chesapeake, VA 23026

Jewelry Appraisal:

Requested by: John & Jane Doe Sr.

Intended Use: Insurance Coverage

Intended Users:

Type of Value: Replacement Value New and/or Comparable

Effective Date of Valuation: Thursday, August 30, 2012

Report Date:

Inspection Date: Inspection Location:

Prepared by:

La Shawn Bauer, G, G, GG, ASG/AGA, CGL/AGA, RMV, CM/NAJA



Cover Sheet

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John & Jane Doe Sr.
123 Any Street
Any Town, Nevada 20202

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Scope of Work:

[REDACTED]

Effective Date of the Valuation:

[REDACTED]

Type of Value:

[REDACTED]

Intended Use/Users:

[REDACTED]

Method of Replacement:

[REDACTED]

Physical Examination Location:

[REDACTED]

Date of Examination:

[REDACTED]

Those present during the examination process:

[REDACTED]

The Market & Market Levels:

[REDACTED]

Value Conclusion:

[REDACTED]

APPROACHES TO VALUE

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

MARKET SELECTION:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

DEFINITION OF VALUE:

[REDACTED]

[REDACTED]

[REDACTED]

DOCUMENT AND FILES

[REDACTED]

METAL MARKET

[REDACTED]

SUBSCRIPTIONS

[REDACTED]

EXTRAORDINARY ASSUMPTIONS:

[REDACTED]

ASSUMPTIONS:

FACTUAL ASSUMPTIONS:

[REDACTED]

TERMS AND CONDITIONS:

[REDACTED]

LIMITING CONDITIONS:

[REDACTED]

SPECIFIC LIMITING CONDITIONS:

[REDACTED]

CRITICAL LIMITING CONDITIONS:

[REDACTED]

LIABILITIES:

[REDACTED]

DISCLOSURE OF TOLERANCES:

[REDACTED]

TREATMENT AND ENHANCEMENTS

[REDACTED]

[illegible]

La Shawn Bauer, G, G, GG, ASG/AGA, CGL/AGA, RMV, CM/NAJA



Gemological Appraiser's Laboratory Equipment List

Mr. La Shawn Bauer, GG – AGA-Certified Gemological Laboratory #25 Expires 1-01-2015

Part One

Microscope:

Maker: GIA/GEM binocular microscope
with Bausch & Lomb Optical Head

Model Number: Mark V Gemolite 10x to 45x Dial Zoom

Manufacturing Year: 1960's

Magnification Range: 10x to 45x Dial Zoom

Ocular Lens: 15x W.F. Bausch & Lomb

Additional Ocular Lens: NO

Darkfield Illumination: YES

Overhead Light Source: YES

LED by Intellighting 5800 Kelvin Daylight Equivalent

Doubling Lens: YES 2x

20x to 90x Magnification with Doubler Attached

Polarizing Filter Set: YES

Diffusion Plate: YES

Immersion Cell: YES

Photomicrography Capability: YES

Custom Built Digital Resolution: 3.2 Megapixels

Additional Comments:

Highly modified with new 12v AC 40 watt halogen light source for darkfield illumination

Independent Transformer with On/Off Switch and Sliding Dimmer Switch added

LED Overhead Light Source by Intellighting, 5800-Kelvin Natural Daylight Equivalent

Polariscope:

GIA/GEM Polariscope

with Condensing Lens and Immersion Cell

Photomicrography Capabilities

Refractometer:

GIA/GEM Duplex II Refractometer

with additional polarizing filter attachment

Photomicrography Capabilities

Utility Light:

GIA/GEM Utility Lamp

with sliding bar, Sodium Light Filter, Diffused White Light Filter, Pin Point Light Source

Dichroscope:

RAYNER, Gem Calcite Dichroscope

Photomicrography Capabilities

Spectroscopes:

GEM LABS, Single Prism Type Spectroscope

Adjustable slit aperture with slide focus, hand-held unit

Photomicrography Capabilities

OPL Diffraction-Grating Type Spectroscope

Hand-held unit (1/2 inch x 2 inch)

Photomicrography Capabilities

OPL Diffraction-Grating Type Spectroscope

Hand-held unit (1 inch x 4 inch) with stand

Photomicrography Capabilities

Ultra Violet Light Testing Equipment:

SPECTROLINE Ultra Violet (U.V.) Light Source

Model: ENF-24

Long Wave (L.W.) 365nm / Short Wave (S.W.) 254nm

SPECTROLINE Ultra Violet (U.V.) Viewing Cabinet

Model: CM-10 Fluorescence Analysis Cabinet

Fluorescent Test Stones to guarantee that both Long Wave and Short Wave lights are functioning properly

Diamond Proportion "Cut Grading" Analyzing Tools, Equipment and Systems:

GIA/GEM Diamond Proportion Analyzer

Fits GIA/GEM Mark V Gemolite Microscope

Photomicrography Capabilities

AGS ASET (Angular Spectrum Evaluation Tool)

Hand-Held Scope,

Photomicrography Capabilities

Ideal Scope 10x Model

Hand-Held Scope,

Photomicrography Capabilities

Ideal Scope 6x Model

Hand-Held Scope,

Photomicrography Capabilities

Hearts & Arrows Hand-Held Scope

Photomicrography Capabilities

Zeiss Hand-Held Diamond Proportion Analyzing Loupe

10x Magnification

Diamond "Color Grading" Equipment and Systems:

GIA/GEM Diamond Lite viewing cabinet and lights

Controlled lighting equivalent to North Daylight

Bulbs changed every two (2) years

Last Changed 01-01-2008

Diamond Color Master Set:

AGS Five (5) Stone Master Set, 1/3ct. to 3/8ct. Size range, Straight Grades

LAB & I.D. Number, GIA Color Grade, AGS Color Grade, and Weight, also laser inscribed by AGSL

AGSL	"F"	0.90	0.313ct
AGSL	"G"	1.50	0.366ct
AGSL	"H"	2.10	0.354ct
AGSL	"I"	2.60	0.348ct
AGSL	"J"	3.10	0.334ct

Gemological Appraiser's Laboratory Equipment List

Mr. La Shawn Bauer, GG – AGA-Certified Gemological Laboratory #25 Expires 1-01-2015

Part Two

Colored Stone, “Master Color Grading” System:

GIA Gem-E-Wizard / Gem-E-Square Digital Colored Stone
“Master Color Grading” Computer Software Program.
31 Primary Numeric Hue, Tone and Saturation Levels = Perceived
Color notation and grade.

Specific Gravity Testing Equipment:

Specific Gravity Liquid Set
GIA/GEM (2.57, 2.62, 2.67, 2.85, 3.05, 3.32)

KASSOY, Double Pan Diamond Balance Scale,
Glass Enclosed Cabinet with Specific Gravity
Attachments, ± 0.01 SG Accuracy

Weights and Measurements Instruments: Scales: Legal-For-Trade

METTLER TOLADO JB203 Digital Diamond Carat Scale
Glass Enclosed, Accuracy ± 0.001 ct.

KASSOY, Double Pan Diamond Balance Scale
Glass Enclosed Cabinet with Specific Gravity
Attachments ± 0.01 ct. Accuracy

OHAUS C305-P, Electronic Gram/Penny Weight Scale
Capacity 300 grams, ± 0.1 gr. Accuracy

Precious Metals Testing Equipment:

RS MIZAR M24, Electronic Touchstone Gold Tester,
capable of testing 9kt., 10kt., 12kt., 14kt., 16kt., 18kt., 20kt.,
22kt., 24kt., both white and yellow gold

Standard Acid Test Kit with touchstone and test needles of
8kt., 10kt., 12kt., 14kt., 18kt., 22kt.,
Can also test the purity of silver, Pure, .925, .800, .500
Can test the difference between Platinum and Palladium

Thermal and Electric Conductivity Probes:

PRESIDIUM DiamondMate-A
Thermal Conductivity Probe
hand-held unit

Color Filters:

BRITISH G.A. Chelsea Color Filter, hand-held unit
Hanneman-Hodgkinson: Stained Lilac Jadeite Filter
Hanneman-Hodgkinson: Synthetic Emerald Filter
Hanneman-Hodgkinson: Synthetic Emerald “Support” Filter
Hanneman: Ruby Filter
Hanneman: Aqua-Filter
Hanneman: Tanzanite Filter
Hanneman: Alexandrite & Color Shift Filter
Hanneman: Yellow Synthetic Sapphire Filter
Hanneman: Cape Line Color Filter for Spectroscopy
Hanneman: Standard Reference Color Filter
Hanneman: Chromium Fluorescence Filter
Hanneman: Red Filter for Crossed Filter Test
Hanneman: PMCF Filter

Linear Measuring Devices:

GIA/GEM Table Gauges
Meleemeeter Micro Gauge System of Transparencies
LEVERIDGE Gauge Set, Dial Gauge
with High Setting Attachment and reference book
Electronic Digital Calipers 0 to 21mm
battery operated, ± 0.01 mm Accuracy,
Electronic Digital Calipers 0 to 100mm
battery operated, ± 0.01 mm Accuracy
Electronic Digital Calipers 0 to 150mm
battery operated, ± 0.01 mm Accuracy
Metal Slide Calipers 0 to 100mm ± 0.1 mm Accuracy
Paper Tape Measure
Retractable Steel Tape Measure
Wooden 18-Inch Ruler
Steel 150mm or 6-Inch Ruler

Fiber Optic Light System:

Kruss Fiber Optic Light Source 7.5v DC 20w Halogen
Kruss Dual Flex Arm Fiber Light Pipes
Kruss Flexible Pin-Point Light Pipe
Kruss Condensing Lens attachment
Kruss Diffusing Lens attachment

Additional Light Sources:

Incandescent Pen Light, battery operated
Incandescent Mini Mag Light with Fiber Optic Light Wand with
Third Hand attachment, battery operated
LED Pen Light Five (5) LED's 5800-Kelvin Daylight Equivalent,
battery operated
LED Pen Light Three (3) LED's 365nm Long Wave Ultra Violet
Equivalent, battery operated

Thermal Hot Point Probe:

Photographic and Digital Imaging Equipment and Software:

Gemological Reference Library:

Appraisal Science and Methodology Library:

Appraisal Reference Library:

Secondary Microscope:

Maker: GIA/GEM binocular microscope
with Leica Optical Head
Model Number: Mark VII Gemolite 10x to 60x Dial Zoom
Manufacturing Year: 1990's
Magnification Range: 10x to 60x Dial Zoom
Ocular Lens: 15x W.F.
Additional Ocular Lens: NO
Darkfield Illumination: YES
Overhead Light Source: YES Fluorescent
Doubling Lens: NO
Polarizing Filter Set: YES
Diffusion Plate: YES
Immersion Cell: YES
Photomicrography Capability: YES

**Biographical Background and Professional Qualifications
(Abbreviated Listing)**

Mr. La Shawn Bauer, G, G, GG, ASG/AGA, CGL/AGA, RMV, CM/NAJA
Senior Bench Jeweler
Graduate Gemologist
Professional Appraiser of Gems & Jewelry

Jewelry Industry Experience:

[REDACTED]

Gemological and Appraisal Experience:

[REDACTED]

Gemology:

Certificates & Diplomas

[REDACTED]

Valuation Science and Methodology: Certificates & Diplomas

[REDACTED]

Certified Gemological Laboratory: Certification

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Prepared For: John & Jane Doe Sr.
123 Any Street
Any Town, Nevada 20202

Date: 8/30/2012

Item

Lady's Diamond Solitaire Engagement

Lady's Diamond Solitaire Engagement Ring
14K Yellow Gold Shank with Platinum Head



Total Diamond Weight: 0.40 cts.
Inspection Date [REDACTED]

Weights & Measurements:

Weight: 2.9 gms
Ring Size: 6 1/2 Closed Back
Top of Mounting Measurements: 6.1mm wide x 6.4mm thick
Shank, Top of shoulders: 2.5mm wide x 2.6mm thick
Shank, Bottom of Ring Shank: 2.0mm wide x 1.3mm thick

Photographic Documentation:

Top View: Yes
Profile View: Yes
Side View: Yes
Back View: Yes
Stamps & Markings: Yes
Laser Inscription: Yes

Mounting Attributes:

Items Age and/or Period: Modern
Condition: As New
Metal: 14K Yellow Gold (585) shank with Platinum Head
Metal Tested: Yes - Visual Identification & Laser
Manufacturing: Cast and Assembled
Quality of Workmanship: Good 5 to 6
Quality of Major Stone Setting: Good 5 to 6
Shank Outline: Round - Standard
Shank Profile: Semi - Knife Edge to Half Round
Finish: Polished
Setting Major Stone: 6-Prong Setting (Die-Struck) (Platinum)
Noticeable Repairs and/or Damage: None
Trademark: None
Inside Ring Engraving: Hand Engraved in script
Engraving: "2-14-05 My Snookums"

Comments: 14K Yellow Gold Shank & Platinum Head

Diamond Attributes**Inspection Date:****Nature of Origin:**

Natural

Treatment:

No Apparent Treatments

Diamond Type:

Undetermined / Not Tested

Country of Origin:

Undetermined -

Shape and Cut:

Round brilliant

Branded Cut & Make:

No

Measurements:

Measurements:

4.65 x 4.61 x 2.92 mm

(actual) stated by GIA

Weight Adjustment Factor %

3% - Slightly thick

Weight:

0.40 Cts. Actual - Loose by GIA

Grades & Proportions:

Weight:

0.40 Cts. Actual - Loose by GIA

Cut Grade:

Very Good (7 to 8)

Fluorescence – Long Wave:

Medium / Moderate Powder Blue by GIA

Fluorescence – Short Wave:

None / Negligible

U.V. Grading Environment:

Fully Enclosed Lighting Environment

Color Grade:

E - Colorless by GIA

Color Graded by:

Cert. AGS 7-Stone Color Master Set, Straight Grade

Color Grading Environment:

GIA/GEM Diamond Lite Cabinet WITH U.V. Blocking Filter

Clarity Grade:

SI-1 by GIA

Other Attributes:

Proportion Grade:

Good (5 to 6)

Symmetry Grade:

Very Good (7 to 8) by GIA

Laser Inscription:

Yes "GIA 13492265 & S 48583"

Girdle Surface:

Frosted

Girdle Thickness – Average:

Slightly Thick by GIA

Culet Size:

None by GIA

Polish:

Very Good (7 to 8) by GIA

Documentation of Photomicrographs, Digital Scans & Diamond Grading Reports:

Photomicrograph: (Top View)

Yes

Photomicrograph of Laser Inscription:

Yes

AGS ASET Photomicrograph:

Yes

Plot Diagram:

Yes

Digital Proportion Scan:

No

Diamond Grading Report:

Yes "GIA 13492265"

Grading Performed:

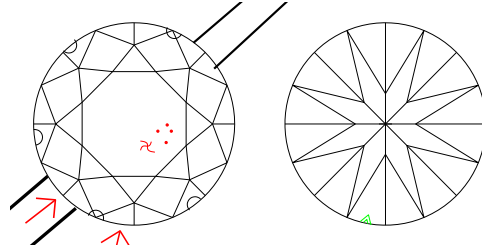
Loose & Mounted

Data Collected:

Combination Actual & Supplied Lab Report

Legend:

- Pinpoint
- ~ Feather
- ▲ Indented Natural Prong



*** Special Notation ***

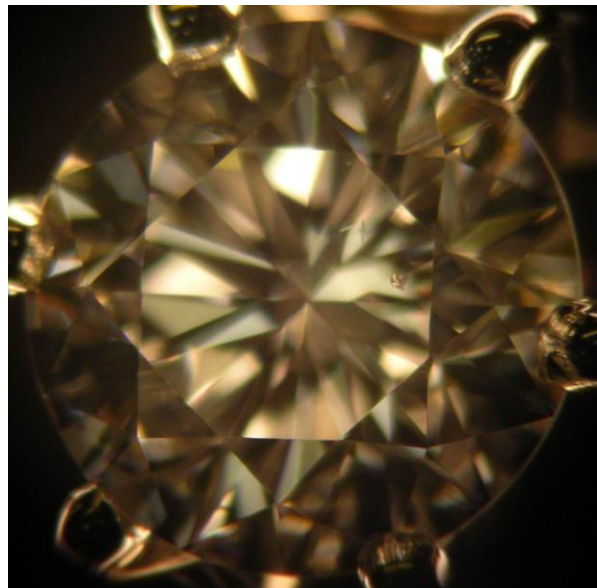
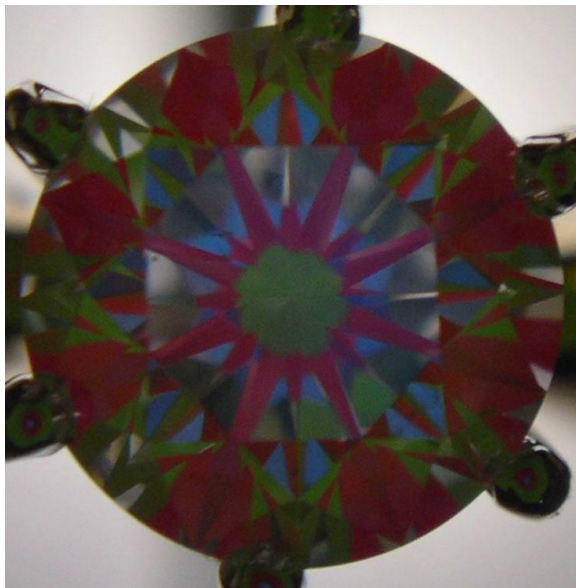
Data collected and reported may differ slightly from the appraiser's grading report and the supplied lab reports. Such differences may include measurements, weights, grades and other notations.

Slight differences are normal and common.

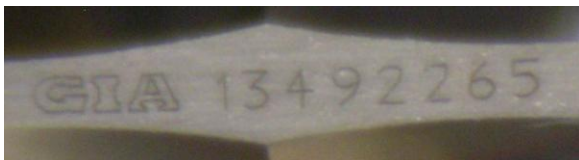
Noticeable differences will be noted in (RED) in the appraiser's grading report.

Signature of Appraiser:

La Shawn Bauer, G, G, GG, ASG/AGA, CGL/AGA, RMV, CM/NAJA



AGS/ASET – Angular Spectrum Evaluation Tool -----10x Magnification



Laser Inscription on girdle of diamond



GIA

GEM TRADE LABORATORY

DIAMOND DOSSIER® GRADING REPORT

REPORT 13492265

May 13, 2004

Laser Inscription Registry GIA 13492265

Shape and Cutting Style ROUND BRILLIANT

Measurements 4.66-4.69 x 2.96 mm

Weight 0.40 carat

Proportions

Depth 63.3 %

Table 57 %

Girdle SLIGHTLY THICK

Culet NONE

Finish

Polish VERY GOOD

Symmetry VERY GOOD

Clarity Grade SI1

Characteristics Crystal, Feather

Color Grade E

Fluorescence MEDIUM BLUE

Comments NONE

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GIA CLARITY SCALE

FLAWLESS INTERNALLY FLAWLESS	
VVS ₁	VERY VERY SLIGHTLY INCLUDED
VVS ₂	
VS ₁	VERY SLIGHTLY INCLUDED
VS ₂	
SI ₁	SLIGHTLY INCLUDED
SI ₂	
I ₁	
I ₂	INCLUDED
I ₃	

GIA COLOR SCALE

COLORLESS	D
	E
	F
	G
	H
	I
	J
	K
	L
	M
	N
VERY LIGHT	O
	P
	Q
	R
	S
	T
	U
	V
	W
	X
	Y
	Z



0241295302

This Report is not a guarantee, valuation or appraisal. This Report contains only the characteristics of the diamond described herein after it has been graded, tested, examined and analyzed, by GIA Gem Trade Laboratory under 10X magnification using the techniques and equipment available to GIA Gem Trade Laboratory, including fully corrected triplet loupe and binocular microscope, master color comparison diamonds, electronic carat balance, non-contact optical measuring device, and ancillary instruments as necessary, at the time of the examination, and/or has been inscribed by GIA Gem Trade Laboratory. The recipient of this Report may wish to consult a credentialed Jeweler or Gemologist about the importance and interrelationship of cut, color, clarity and carat weight.



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LIMITATIONS ON BACK

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