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Resident Appraiser/Valuer: Dennis D. Blacklaws

Gems & Jewellery Specialist - Appraiser/Valuer - Graduate Gemologist

Appraisal prepared for

Address



AppraisalPlus DBL06001 Ref No: 21669DB/LH24830

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Date: 9 March, 2021

ARTICLE

ITEM 1. CONTINUED .../

Surround Diamonds, (MRSBC) modern, and (Round) shaped "Brilliant" cut;

CONTINUED/

This Laboratory has applied various "in-situ" type "method/s" to "identify" the type and/or origin of the submitted Diamond/s and may include the use of some (if not all) of the following; Microscopy "examination", including analysis with cross-Nicol polarized Filters (Polariscope) (CPF) and/or the Gemtrix PL Inspector and/or the use of "SSEF classic illuminator" and/or (Neodymium) rare-earth Magnetism and/or GL Gem Spectrometer.

For the purposes of this Appraisal these Diamonds have been appraised/valued as (Natural - Earth Mined).

N.B. (Natural) Ruby and Diamonds graded in mounts (*in-situ*).

Diamonds est Total (Est 0.510ct).

Immersion Microscopy analysis indicates Ruby of (Natural) (Mong-Hsu) origin. (Natural) Ruby length ← & width → & depth; and Diamonds diameter ⊗ & depth; Diamonds colour graded under an (ultraviolet-free) colour/grading environment. Diamonds body colour Masked due to mounts. (MRSBC) Diamonds of G.I.A. Very Good cut/grade. Diamonds NEED to be removed from mounts for more accurate Weight, Colour and Clarity grading and to identify if Clarity enhanced.

Diamonds presenting inert (*NiI*) and (*Faint*) weak – strong and **cloudy** - **translucent** with Violetish/Bluish and Bluish and Fluorescent and colour reaction to L.w.U.v. radiation.

Ring Total Weight (4.92grams) with Total Metal Weight (4.58grams). Ring presenting as 'New' and Safe condition. Finger size (T) centre. Photographs (X2/1.).

R.M.V.N. \$.7,960.00

I.M.V. \$.7,960.00



Item No 1. for (courtesy) "WIKIPEDIA" REFERENCES CONTINUED .../

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Central Ruby, modified, and "Oval" shaped, (mixed) cut;

CONTINUED/

GIA ColorMaster® Notation D:36:00:33 with Colour grade (7)

GIA GemSet® colour Analysis

(1) (single) and (Natural) Ruby presenting Good - Fair symmetry and proportions, with off-centre culet and High surface polish and presenting (Nii) Window effect, with colour Banding and colour Zoning and presenting a number of internal relic melt residue Fluid Healing-Fracture and Discoid indescence fracture and a number of of Positive and Negative type Crystallites and Epitaxially inter-grown syngenetic (in-complete interrupted) Rutile and Polysynthetic Twin Lamellae, Turbulence and Zones & Nebulous and Phantom type Cloud inclusion scenes, applying (oblique lighting) and (immersion microscopy)

N.B. Check Spectrometer Analysis.

It is an Internationally recognised trade practice to treat/enhance gems of this variety, by various methods to enhance the colour and/or clarity, applying immersion Microscopy technique indicates SOME evidence of Significant/Substantial amount of "Residue" from standard Thermal-Heat/Annealing treatment is immediately apparent - Research also indicates this treatment may/does also enhancement of a propriety-process type treatment/enhancement process with the addition of a Filler type clarity - Extent: Significant/Substantial Stability: Stable under normal wearing conditions, Prevalence: Never/Rarely/Commonly/Usualiy

N.B. Positive Provenance/Origin Identification may alter assessed value of submitted Ruby.

This can only be established by an International recognised Gemological Laboratory i.e. (G.I.A.) (Gubelin) and/or (GRS/SWISSLAB) specialising in (Origin) identification and/or including; (LA-ICP-MS) = (Laser Ablation Inductively Coupled Plasma Mass Spectrometry) and/or (LIBS = Laser Induced Breakdown Spectroscopy), and/or (FTIR = Fourier Transformed For the purposes of this Appraisal the Ruby has been appraised/valued as (Medium) quality. Applying assignment-specific research including examining 'facts - in - evidence' and have been appraised at current market value (as is) with cognisance to the presented authentication - physical nature, origin and quality and evaluation of the above.

N.B. Statement/s of "Geographical Origin" included within this Appraisal are submitted by 'expert-opinion' including accumulative and analytical "Observations" and "Data" and the experience of the practitioner.

Surround Diamonds, (MRSBC) modern, and (Round) shaped "Brilliant" cut;

10 x est 2.44-2.36mmØ x 1.45-1.40mm \$\(\frac{1}{2}\)

Est by Formula (10 x est 0.053-0.049ct) (H or Higher) (SL)

N.B. The (10) Ten presented Diamonds have by application and "in-situ" and applied type examination and analysis using "Ultra-Spectrum Optical Filtering" (USOF) and/or "The Diamond Trading Co" V2.03) Diamond-Sure™ and/or "SmartPro™ screening "instruments" to separate Cultured (LGD) Laboratory-Grown Diamond of (HPHT) High-Pressure High Temperature and/or (CVD) Chemical Vapour Deposition Cultured (LGD) (Laboratory-Grown) and/or (treated) Diamonds - also known as (Created/Man-Made) from "Natural-Intreated" "Earth-Mined" Diamonds have indicated a Pass/Positive result for "Natural-Intreated" "Earth-Mined" Diamonds Pass/Positive result for "Natural-Untreated" - "Earth-Mined" Diamonds.

ITEM 1. CONTINUED .../

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1. Branded, (Reproduction) Cast/Fabricated,- (10) Bezel, with - (single) (1) species; Corundum variety; Ruby object: (faceted Gemstone) synthesis: (Natural) phenomena: transparent/translucent treatment: (Enhanced) analysis: Filler -Thermal origin: Myanmar/Burma (Mong-Hsu) and (10) species: Diamond object: (faceted) variety: Colourless synthesis: (Natural - Earth mined) treatment: (Non-enhanced) origin: Un-Known with vintage and contemporary/modernist type (double-tier) and (Halo) design (Cluster) style Ring.

Ring Metal composition analysed as 18ct Yellow gold and Rhodium-plated on top of White gold alloy, and 'laser-inscribed' with 750 style hall/mark, and MHJ style brand/makers mark.

Ring presented with Yellow gold and plain, with flat (section) to "reverse" and 'Taper' shape, 'polish-finish' with 2.11mm← x 1.48mm→ x 1.17-4.30mmt dimension and "Seamless" style shank.

Ring presented with Yellow gold, and flow-on to cut-out, plain and 'inverted' to "Point" shaped, 'solid' and "Buttress" style "shoulder" setting, placed and applied to either side.

Ring presented with Rhodium-Plated on top of White gold, and Elevated, with (1) (single) and separate Ruby, with (4) claw and (4) pillar, flush and inset, with cut-out and pierced, "in-sltu" and "single' separate "Bezel" design, with 'Oval' and "Parallel" shaped, Tension inset, type central style mount 8.10mm→ x 6.00mm← x 2.01mm‡ dimension and "Assembly" setting.

Ring presented with Rhodium-Plated on top of White gold, and Elevated, with (10) (single) and 'alternate' and separate Diamonds, with (10) x (5) claw and (10) x (5) pillar, and flush and inset, cut-out and pierced, "in-situ" and 'single' separate "Bezel" design, 'semi-scallop' and 'dome' shaped, with 'split-level' and 'immediate' and "surround" and "Parallel" and "Plaque" shaped, Tension inset, type 'pierced-back' and "Assembly" style mount "Assembly" setting.

Ring presented with 12.58mm→ x 10.58mm← x 6.87mm‡ dimension and "Assembly" setting applied across top of Rhodium-Plated on top of White gold, with (10) separate "wire" type "cage-back" style 'base' and mm‡ height setting, placed and applied and inset between shank ends.

Centre Ruby, modified, and "Oval" shaped, (mixed) cut;

1 x est 7.09 x 5.01mmØ x 3.63mm 1 L.W. Ratio 1.415:1

Est by Formula 1 x est 1,191ct

(1) (single) and (Natural) Ruby presenting semi-translucent/transparent (vivid) (very) slightly Purplish/Reddish - Reddish Hue, with Tone (5-7) with Saturation (4/5) and Clarity (SI-I.).

ITEM 1. CONTINUED .../

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(courtesy) ref: Wikipedia

A Ruby is a pink to blood-red colored gemstone, a variety of the mineral corundum (aluminium oxide). The red colour is caused mainly by the presence of the element chromium, its name comes from raber Latin for red. Other varieties of clarity: a clear stone will command a brentium, but a ruby without any needle-like ruttle inclusions may indicate that the traditional birthstone of July and sarat (weight) are also an important factor in determine, the price. Ruby is the scale of mineral hardness.

Among the natural gems only moissanite and diamond are harder, with diamond having a Mohs hardness of 10.0 Ruby is calumina the most statute form of Alpha III which a small fraction of the aluminum. The most statute form of Alpha III which a small fraction of the aluminum. The most are replaced by c affects each Cr*, resulting in long absorption in the spectrum of the spectrum and thus omen strongly in general to the spectrum and thus of the

All natural rubies have imperfections in them, including color impurities and inclusions of rubile needles known as "silk". Gemologists use these needle inclusions found in natural rubies to distinguish them from synthetics, simulants, neat-treatment being the most go some is heated before cutting. Almost all rubies today are treated in symptomy with neat-treatment being the most go some some process. The completely untreated it is one to the completely untreated it is one to the completely untreated it is one to the completely untreated th

Generally, gemstone-quality corundum in all shades of red, including pink, are called rubies. The Mogok Valley in Operally almar (Burma) was for centuries the world's main source for rubies. That region has produced some of the operations ever inined, but in recent years very few good rubies have been found fiere. In central Myanmar, the area of Mogol Hsu began producing rubies during the 1990s and rapidly became the world's main ruby mining area. The New Mogolium Montepuez is an amphilibole-related deposit similar to those arm wind a farm ruby mining area. The New Main was a subject of the producing the proposition of the producing main was a subject of the producing main and model of the producing main and m

Recently found ruby deposit in Myanmar is in Nama (Namyazeik) located in the northern state of Kachin Rubies nave historically been mined in Indiand, the Palin and Sauriout district, of Cambodia Burma. India Atthanistan and India Atthanistan and India Atthanistan and World war ruby deposits were found in Mozam bique I anzania, Madagascar, Vietnam, Nepal, Ialikistan, and Fatoria in the evaluation of colored gemstones, color is the most important factor. Color divides into three components: hue, tone and saturation. Hue refers to "actual color" as we normally use the term. Transparent gemstones occur in the figure of the most important factor. Color divides into three components: hue, tone and saturation. Hue refers to "actual color" as we normally use the term. Transparent gemstones occur in the figure of the properties of the hue of a genstone search was pure spectral hues. In nature, tertary hues, in ruby, the primary hue must be red. All other rules of the gens species contain mare called sapphires which was condary hues in ruby. Or the three, purple viole and pink are possible. The finest ruby is best purple are the normal secondary hues in ruby. Of the three, purple is preferred because, firstly, the purple reinforces the Rubies and Sanphires may be treated by several method to sever

Rubles and Sapphires may be treated by several methods to enhance and improve their clarity and colour. It is common practice to heat natural sapphires to improve or enhance colour. This is done by heating the Rubies and/or sapphires in mraces to temperatures between 500 and 1800 °C for several hours, or by heating in a nitrogen-deficient atmosphere oven. Evidence of ruby and sapphire and other gemstones being subjected to heating goes back at least to remain times. Un-heated natural stones are somewhat rare and will often be sold accompanied by a certificate from an independent gemological laboratory attesting to "no evidence of heat treatment".

improving the quality of gemstones by treating them is common practice. During the late 1990s, a large supply of low-cost materials caused a sudden surge in supply of heat-treated rubies leading to a downward pressure on ruby fracting (oracks) or even completely filling them. The most common treatment is solving inclusions, healing of not all rubies at the lower end of the market are heat-treated on the rough stones to the application of neat. Most, if blue patches and silk. These heat treatments typically occur around temperatures of 1800°C (2400°F). Some rubies for 20 to process of low-tupe-heat, when the stone is heated over charcoal as temperature of about 1300°C (2400°F) more frequent in recent years, is leading set filling. Filling the *fractures* inside the ruby with leadings of a similar in jewellery.

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Absorbance













