



Appraisers International Society

Dennis Blacklaws Ltd

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Resident Appraiser/Certified Valuer: Dennis D. Blacklaws



Gems & Jewellery Specialist - Graduate Gemologist - Advanced Valuation Specialist

Appraisal prepared for
Address ↓



AppraisalPlus DBL06001
Ref No: 20909DB/LH22927

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Dennis Blacklaws Ltd

Date: 3 November, 2014

ARTICLE

3. Imported, - (Original), - (Asian) Fabricated, Bespoke/Hand-Crafted, - (single) Bezel, with single species: Zircon variety; Medium (Metamict) type: (natural) treatment: (Enhanced) origin: Sri-Lanka (Ceylon) Myanmar (Burma) Thailand Canada Cambodia (North America) with contemporary/modernist style (Drop) design Pendant.

Pendant presented with Metal composition analysed as 22ct Yellow gold, and 'fold-over' and 'Taper' shaped, "shackle" setting, hinge and 'attached' to top of 9.64mm → x 5.13mm ← x 7.21-1.19mm † dimension setting.

Pendant presented with Yellow gold, Elevated, with single Zircon, and (4) claw and (4) pillar, with cut-out and pierced, 'single' separate Bezel and "Box" design, 13.24mm ← x 10.25mm → x 4.23-6.15mm † dimension and "Octagonal" shaped, Tension inset, central style mount and 'Drop' setting.

Centre Zircon, modified, and "Octagonal/Emerald" shaped, (Step) cut;

1 x est 12.02 x 8.82mmØ x 6.36mm † L.W. Ratio 1.363:1

Est by Formula 1 x est 9.412ct

Zircon presenting semi-translucent Bluish/Greenish - Greenish/Bluish Hue, with Tone (4) and Saturation (2) with Clarity (SI).

Colour Master Notation F:12:30:17 with Colour grade (2/3)

GIA GemSet® colour Analysis

Zircon presenting Good symmetry and proportions, with abraded crown/pavilion facet junctions, with High surface polish and noticeable Window effect, presenting internal Healing-Fractures and Tension Fissures, with Positive and Negative Crystallites and (natural radiation decomposition) type scenes applying (oblique lighting) and (immersion microscopy) technique, presented in mount.

It is an internationally recognised trade practice to treat gems of this variety by various methods to enhance the colour and/or clarity, although evidence of treatment is not immediately apparent in this gem, some may be assumed.
Extent: Minor/Moderate/Significant Stability: Stable under normal wearing conditions. Prevalence: Never/Rarely/Commonly

N.B. Positive Origin Identification may alter assessed value of submitted Zircon.
This can only be established by an International Laboratory i.e. (Gubelin) and/or (GRS/SWISSLAB) specialising in (Origin) identification.
For the purposes of this Appraisal the Zircon has been appraised/valued as medium-high quality.

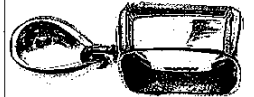
Surround Diamonds, (MRSEC) modern, and (Round) shaped "Brilliant" cut;

1 x est 2.77-2.76mmØ x 1.60mm †

Est by Formula (1 x est 0.076ct) (H or higher) (SI)

1 x est 2.24-2.23mmØ x 1.30mm †

Est by Formula (1 x est 0.040ct) (H or higher) (I)



ITEM 3. CONTINUED .../

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This Appraisal has been prepared in conformity with accepted professional ethics of Appraisers International Society™ (USA) & The Jewellery Appraisers Society of N.Z. Inc.



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ITEM 3. CONTINUED .../

N.B. Zircon and Diamonds graded in mounts (*in-situ*). Diamond est Total (Est 0.116ct). *Immersion* Microscopy analysis indicates Zircon of *un-known* origin. Zircon and Diamonds dimension measurements estimated due to mounts. Diamonds colour graded under an (ultraviolet-free) colour/grading environment. Diamonds body colour Masked due to Yellow gold mounts. (MSRBC) Diamonds of G.I.A. Good - Medium cut/grade. Zircon and Diamonds NEED to be removed from mounts for more accurate Weight, Colour and Clarity grading and to *Identify* if Clarity enhanced.

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

ref: Wikipedia

Zircon (*/'zɪrkən/*; including hyacinth or yellow zircon) is a mineral belonging to the group of nesosilicates. Its chemical name is zirconium silicate and its corresponding chemical formula is ZrSiO₄. Zircon forms in silicate melts with large proportions of high field strength incompatible elements. The crystal structure of zircon is tetragonal crystal system. The natural color of zircon varies between colorless, yellow-golden, red, brown, blue, and green. Colorless specimens that show gem quality are a popular substitute for diamond and are also known as "Matura diamond". The name derives from the Persian *zargun* meaning golden-colored. This word is corrupted into "jargoon", a term applied to light-colored zircons. The English word "zircon" is derived from "Zirkon," which is the German adaptation of this word. Red zircon is called "hyacinth", from the flower *hyacinthus*, whose name is of Ancient Greek origin. Zircon is ubiquitous in the crust of Earth. It occurs in igneous rocks (as primary crystallization products), in metamorphic rocks and in sedimentary rocks (as detrital grains). Large zircon crystals are rare. Their average size in granite rocks is about 0.1–0.3 mm, but they can also grow to sizes of several centimeters, especially in pegmatites. Because of their uranium and thorium content, some zircons undergo metamictization. Connected to internal radiation damage, these processes partially disrupt the crystal structure and partly explain the highly variable properties of zircon. As zircon becomes more and more modified by internal radiation damage, the density decreases, the crystal structure is compromised, and the color changes. The color of zircons can sometimes be changed by heat treatment. Depending on the amount of heat applied, colorless, blue, or golden-yellow zircons can be made. In geological settings, the development of pink, red, and purple zircon occurs after hundreds of millions of years, if the crystal has sufficient trace-elements.

N.B. Alloy-Value based on Bullion Investment value.

Pendant Total Weight (4.70grams) with Total Metal Weight (2.79grams).

Pendant presenting near as 'New' and Safe condition.

Photographs (X2/1).

R.M.V.N. \$6,770.00

I.M.V. \$6,710.00



Appraisal No 22927 Economic Factors for item(s) 1 - 3

Total Value R.M.V.N. N.Z. \$21,590.00

I.M.V. N.Z. \$20,020.00

N.Z. TWENTY ONE THOUSAND FIVE HUNDRED AND NINETY DOLLARS ONLY.

N.B. Exchange Rate U.S. \$...0.7673 Gold per oz U.S. \$...1,173.90 Platinum per oz U.S. \$1,242.00

10/10



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