

The information contained in this report represents the opinion of American Gemological Laboratories regarding the characteristics of the colored stone(s) submitted for examination.

The conclusions expressed are the American Gemological Laboratories' interpretation of the results obtained from gemological instruments and grading techniques designed for this purpose. Conclusions may vary, within reasonable tolerances, due to the subjective nature of colored stone analysis.



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IDENTIFICATION: Natural Yellow Green Demantoid Garnet*

SHAPE AND CUT: Round Brilliant

CARAT WEIGHT: 1.395 Cts.

MEASUREMENTS: 6.72 - 6.69 x 4.40 mm.

COLOR GRADE: 4.5 / 60*

Color Rating/Tone 4 - 5 / 60

Color Scan G₉₀ Y₃₀ B/Gy₁₀ (Estimated)

Light Source Duro-Test: Vita Lite

CLARITY GRADE: M₁ - M₂*

CUTTING GRADE: Good (4)

Depth % 65.8%

Brightness Range 90 - 100%

Brightness Average 90 - 100%

FINISH GRADE: Good (4)

NOTE: All color determinations are subject to the color temperature of the light source and the color sensitivity of the observer. The quality and commercial desirability of any color is determined by examining the interrelationships of ALL factors related to Color Grade, including Color Rating, Tone, and Dichroic Effect. Conclusions may vary, within reasonable tolerances, due to the subjective nature of colored stone analysis. Mounted stones are graded only to the extent that mounting permits examination.

COMMENTS: ***Total Quality Integration Rating: Very Good.** *"It is the opinion of the Laboratory, based on the weight of evidence, that the origin of this material would be classified as Russia. No gemological evidence of enhancements / treatments present. Moderate texture and faint dichroic effect² present. The image contained in this document is for representational purposes only and is not necessarily actual color or size. The conclusions expressed in this report are based on Laboratory determinations effective as of the completion date of this analysis (4 December 2003).*

1	2	3	4	5	6	7	8	9	10
Excellent	Very Good	Good	Fair	Poor					

Color Rating (AGL)

0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100									
V. Light					Light					Light-Med.					Medium					Medium - Dark					Dark - V. Dark				

Tone (AGL) (0 = Colorless, 100 = Black)

FI	U ₁	U ₂	M ₁	M ₂	H ₁	H ₂	E ₁	E ₂	E ₃
Free of Incl.	Lightly Included		Moderately Included		Highly Included		Excessively Included		

Clarity Scale (AGL)

1	2	3	4	5	6	7	8	9	10
Excellent	Very Good	Good	Fair	Poor					

Cutting / Proportions / Finish (AGL)

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AGL™

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