

GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2023-088558
Date 9th August 2023
Object A set of 15 faceted gemstones
Identification 15 Natural Emeralds

Origin

Gemmological testing revealed characteristics corresponding to those of 15 natural emeralds from:

Colombia

Weight total 7.96 cts (details see appendix)
Dimensions see appendix
Cut step/step (3)
Shape octagonal
Color see appendix
Comment see appendix

See reverse for important information, terms and limitations



GRS


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2023-088558

Verification



Appendix to report no. GRS2023-088558 ap

No.	Weight *	Dimensions	Color	Comment
1	0.46 ct	5.41 x 4.48 x 2.97 (mm)	green	CE(O): Minor
2	0.45 ct	5.63 x 4.35 x 2.84 (mm)	vivid green (**)	CE(O): Minor
3	0.56 ct	5.65 x 4.40 x 3.29 (mm)	intense to vivid green	CE(O): Minor
4	0.49 ct	5.64 x 4.54 x 2.92 (mm)	vivid green (**)	CE(O): Minor
5	0.52 ct	5.62 x 4.79 x 2.93 (mm)	vivid green (*)	CE(O): Minor
6	0.52 ct	5.62 x 4.61 x 3.09 (mm)	green	CE(O): Moderate (***, ****)
7	0.66 ct	5.82 x 4.81 x 3.60 (mm)	green	CE(O): Moderate (***, ****)
8	0.65 ct	5.78 x 4.87 x 3.66 (mm)	vivid green (*)	CE(O): Minor
9	0.52 ct	5.59 x 4.77 x 2.97 (mm)	vivid green (**)	CE(O): Minor
10	0.56 ct	5.70 x 4.54 x 3.40 (mm)	vivid green (*)	CE(O): Minor
11	0.53 ct	5.69 x 4.51 x 3.06 (mm)	vivid green	CE(O): Minor
12	0.48 ct	5.64 x 4.40 x 2.94 (mm)	intense to vivid green	CE(O): Minor to Moderate
13	0.50 ct	5.62 x 4.34 x 3.08 (mm)	vivid green (**)	CE(O): Insignificant
14	0.53 ct	5.41 x 4.46 x 3.23 (mm)	vivid green	CE(O): Minor to Moderate
15	0.47 ct	5.27 x 4.16 x 3.18 (mm)	vivid green (**)	CE(O): Minor

Remark : *rounded from 3 digits (total weight is sum from 3 digit values)

(*) = "Muzo Green" (see appendix)

(**) = (GRS brilliancy-type "vibrant") (see appendix)

(***) = (Color-grading not applied)

(****) = FTIR-tested



Appendix to report No. GRS2023-088558

GRS Laboratories examined 5 natural emeralds of total 2.45 cts, described in report number GRS2023-088558, that exhibited very good brilliancy and ideal proportions, making it worthy of receiving the GRS brilliancy designation of “vibrant”.

“Vibrant” is an attribute given to gemstones that display a high amount of color reflection – as opposed to the separately considered category of color saturation. A “vibrant” appearance is achieved through the skillful cutting of a gemstone to its optimal proportions, resulting in greater-than-usual weight loss and a maximized reflection pattern

These vividly saturated 3 emeralds of total 1.74 cts are reminiscent in hue of the varieties displaying the legendary colors found in the world renowned Muzo mines. They are formally described as “Muzo Green” (*) and commonly known in the trade as “Old Mine” emeralds.

This appendix indicates the specific quality and color for emeralds from various Colombian mines; however, it does not specify from which particular mine they were found.

() For further information see www.muzo-green.com*

