

GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2022-118172
Date 7th November 2022
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 9.08 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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Verification



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No.	Weight *	Dimensions	Color	Comment
1	0.53 ct	5.25 x 4.66 x 3.37 (mm)	vivid green	CE(O): Insignificant
2	0.49 ct	5.12 x 4.63 x 3.31 (mm)	vivid green (*)	CE(O): Minor
3	0.57 ct	5.34 x 4.91 x 3.47 (mm)	vivid green (*), (**)	CE(O): Insignificant
4	0.62 ct	5.16 x 5.05 x 3.70 (mm)	vivid green	CE(O): Minor
5	0.68 ct	5.74 x 4.73 x 3.79 (mm)	vivid green (*)	CE(O): Minor
6	0.72 ct	6.04 x 5.11 x 3.43 (mm)	vivid green (*)	CE(O): Minor
7	0.66 ct	5.56 x 4.92 x 3.86 (mm)	intense to vivid green	CE(O): Minor
8	0.78 ct	6.14 x 5.19 x 3.77 (mm)	vivid green	CE(O): Insignificant
9	0.77 ct	5.91 x 5.56 x 3.64 (mm)	vivid green (*)	CE(O): Insignificant
10	0.62 ct	5.78 x 5.22 x 3.12 (mm)	vivid green (*)	CE(O): Insignificant
11	0.49 ct	5.58 x 4.74 x 2.73 (mm)	green	CE(O): Insignificant
12	0.60 ct	5.18 x 4.74 x 3.69 (mm)	vivid green (*)	CE(O): Minor
13	0.57 ct	5.17 x 4.89 x 3.53 (mm)	vivid green (*)	CE(O): Minor
14	0.50 ct	5.36 x 4.63 x 3.12 (mm)	vivid green	CE(O): Insignificant
15	0.43 ct	4.98 x 4.62 x 3.02 (mm)	green	CE(O): Insignificant

Remark :

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

(*) = special comment see appendix

(**) = "Mariposa" (see appendix)



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These vividly saturated 8 emeralds of total 5.04 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 particular emerald No.3 displays an additional microscopic velvety appearance caused by a rare growth phenomenon described in the literature as "butterfly-wing effect".

These stones are given the designation GRS-type "Mariposa", referring to the Spanish word for butterfly.

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*

