



GEMMOLOGICAL REPORT

Report Number
16100150

Colour
blue

Date
24 October 2016

Species
Natural corundum

Item
One faceted gemstone

Variety
Sapphire

Weight
1.74 ct

Condition
Indications of heating (TE).

Shape
pear-shape

Important notes and limitations on the reverse.

Cut
brilliant cut / step cut

Measurements
8.86 x 6.49 x 4.08 mm

Transparency
transparent



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INFORMATION SHEET

to Report No. 16100150

Basaltic sapphires

Basaltic sapphires were transported to the earth's surface by alkali-basalt magmas during volcanic surges.

This type of basaltic sapphire deposit is known in several regions around the world, including eastern Australia, Cambodia, Laos, Thailand, China and northern Madagascar, as well as several other sources across central Africa. The combination of gemmological characteristics present in sapphires

from such deposits does not typically permit a sufficiently secure determination of which basaltic source the sapphires have originated from. However, these characteristics clearly distinguish basaltic sapphires from those sapphires derived from metamorphic deposits, such as those found in Burma, Kashmir, Sri Lanka, southern Madagascar or Tanzania.

Information Sheets are intended to provide information supplementary to the contents of the Report and comment on, for instance, the type of gemstone, the geographic origin and the presence or absence of treatments. By definition, Information Sheets are purely informative in nature: they consist of a standard text and are issued for all types of stones of that particular category. Information Sheets, therefore, do not imply a certain quality or rarity of the stone described in the Gübelin Gem Lab Report which it is attached to.