



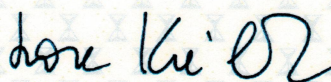
Gemstone Report



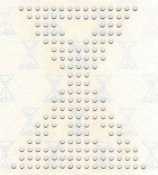
No.	15066071
Date	17 June 2015
Item	One faceted gemstone
Weight	2.18 ct
Shape	cushion-shape
Cut	brilliant cut / step cut
Measurements	8.08 x 7.43 x 4.63 mm
Transparency	transparent
Colour	red
Species	Natural corundum
Variety	Ruby
Origin	Gemmological testing revealed characteristics consistent with those of rubies originating from: Burma (Myanmar)
Condition	No indications of heating (NTE).
Comments	This colour variety of ruby may also be called "pigeon blood red" in the trade. See Information Sheet(s). Important notes and limitations on the reverse.



Sonia Cherchi



Dr. Lore Kiefert



Information Sheet: Rubies from Mogok, Burma

to Report No. 15066071

Burma has long been recognised as the locality associated with the most desirable rubies in the world. Within Burma (Myanmar), the most famed region is the Mogok Valley, or Mogok Stone Tract, in the Pyin Oo Lwin district, North East of Mandalay: a small area of a few dozen square miles, of which only a portion is gem-bearing. Meanwhile, there are few more small deposits to the north of Mogok, such as Namya, that produce rubies with similar characteristics.

Although it is uncertain when mining first began, accounts indicate that rubies have been sourced in the Mogok area for well over a thousand years. The earliest surviving records of mining activity began in 1597, when the King of Burma took over the mines. Burmese rubies, especially the ones from Mogok, have since sustained the strongest renown.

Mogok-type rubies typically possess a red body colour and red UV-fluorescence. In addition, they may contain tiny amounts of light-scattering rutile silk and a swirl-like growth pattern. It is this combination of features which gives these rubies their characteristic appearance.