



## Gemmological Report



No. 13055082

Date 05 June 2013

Item Four faceted gemstones (tested insofar as mounting permits), set in a

pair of white and yellow metal ear-pendants with numerous marquise

diamonds (identified at random).

Weight Total weight of rubies: 4.90 ct (as indicated by the client)

Shape oval

Cut brilliant cut / step cut

Measurements from approximately 6.15 x 5.45 x 4.25 mm

to approximately 6.30 x 5.70 x 4.35 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 See Information Sheet(s).

Important notes and limitations on the reverse.

Sonia Cherchi

Alessandra Spingardi





Information Sheet: Rubies from Mogok, Burma

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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 Katha 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.