





III6302  
Natural Thai Ruby  
11.71 cts

13 July 2021

Natural Ruby and Diamond ring,

Weight: 11.71 cts

Reference: 1116302

To Whom It May Concern,

In the mineral world, few gemstones are heralded and treasured as much as ruby. The fiery color of ruby symbolizes life and passion in many cultures. Rubies have adorned the regalia of European rulers and been incorporated into fine jewels of the world's social elite for centuries. The most widely recognized source of ruby is Burma (presently Myanmar), in Southeast Asia. A number of truly outstanding gems owe their origin to the mountainous region surrounding the valley of Mogok. However, gem-quality rubies are actually recovered from a number of countries and deposits around the world. These alternative sources may also produce gems of exceptional quality.

Another one of the most historically significant ruby sources is Southern Thailand, which has been an important source since the early 1700's. For over 200 years, Thailand produced a number of truly exceptional gem rubies. Together with its neighbor to the East, Thailand and Cambodia played host to a unique ruby occurrence, where the gems are recovered from basaltic or magmatic rocks that are outcropped throughout the countryside.

An extended period of volcanic activity, ranging from approximately 65 to 1 million years ago, left beds of basaltic magma across Southeast Asia and Australia. These magmatic eruptions captured ruby and sapphire on their ascent, transporting the gems to the surface. These prolific deposits yielded rubies and pink to purple sapphires for the world's demand of beautiful gems. Unfortunately, the Thai ruby mines have been mined out and depleted since the 1980's. Virtually all important Thai and Cambodian

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rubies available today are gems coming back into the marketplace. The 11.71 cts ruby described in Report No. 1116302 is just one of these rarities. This outstanding ruby may trace its origins to the Southern region of Thailand.

This impressive ruby possesses a richly saturated, vivid red color and high relative clarity, providing a superior degree of transparency consistent with top-quality Thai rubies. In addition, this gem possesses a cushion-shape, mixed cut form that introduces numerous internal color reflections and permits the gem to exhibit its inherent quality to the fullest and gives the impression of a much larger size than its already impressive 11 cts weight, as well as instilling a charm factor, which is difficult to quantify. Furthermore, this gem is set in a uniquely styled and crafted ring by the one of the worlds' most important and influential jewelers: Jean Michel Schlumberger. Such a combination of attributes in a Thai ruby of 11.71 cts is very rare and a tribute to the ability of nature to produce gems of outstanding beauty.

Sincerely,



Christopher P. Smith, President  
American Gemological Laboratories LLC