



रत्न परीक्षण प्रयोगशाला

रत्न तथा आभूषण निर्यात संवर्धन परिषद
वाणिज्य मंत्रालय, भारत सरकार द्वारा प्रायोजित, जयपुर

Gem Testing Laboratory

THE GEM & JEWELLERY EXPORT PROMOTION COUNCIL
Sponsored by Ministry of Commerce, Government of India, JAIPUR

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संदर्भ संख्या/Ref. No. : GTL/GJC/JPR/

दिनांक/Date.....

LAB INFORMATION CIRCULAR NO. 021

In the month of February '97 we certified a number of gemstones , some interesting stones were :-

1. **Coated Beryl:** In the begining of this month one of our regular customer brought packet lot said to be of Natural Emeralds , range in size from 5 cts to 15 cts . After performing gemmological tests it was found that all stones were coated with green material and certified as Natural Beryl (Coated).

2. **Fracture Filled Emeralds:** Jaipur is the major market for emeralds. In these days we have certified number of packet lots. In one of the packet of forty stones , two stones were found to be filled with green colour and all others with colourless material.

3. **Fracture Filled Rubies:** One of our member brought a packet of fifty three stones said to be cavity filled Rubies , after microscopic examination it was found that two stones were filled with red colour and others were simply filled with colourless material.

4. **Taaffeite:** A very unusual stone with light violet colour, the origin said to be Sri lanka brought in for testing. While doing gemmological tests it was found that the properties were typical for taaffeite , R.I. 1.718 - 1.723; S.G.: 3.55 (Hydrostatic), and also distinct Uniaxial Optic Figure. Under microscopic examination it was clean .