

THE GEM &
JEWELLERY
EXPORT
PROMOTION
COUNCIL

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.....18/7/95.

LAB INFORMATION CIRCULAR NO. 011

In the month of June 1995, a number of stones were examined and certified, A few interesting stones were:

1. Natural Zircon: This month a fairly large percentage of Natural Zircon of different colours like brownish red, yellow, brownish yellow, similar in colour to brownish red Garnet and Yellow Sapphire were brought in for testing. R.I. over 1.81 range, clear Zircon Spectrum (6535 A°) and under magnification, needle like inclusions, growth zoning and doubling of facet edges were seen.
2. Natural Spinel: Blue transparent faceted stones similar in colour to blue topaz. The properties were typical for Natural Spinel with R.I. 1.72, under magnification crystalline inclusions, absorption spectrum. Besides this colour violet and pink also came for testing.
3. Emerald Coloured Glass: Green transparent faceted stone, colour was similar to a deep emerald green. The properties were typical of Glass with R.I. 1.63, chalky under U.V. lamp and under magnification gas bubbles and swirl marks were seen.

Besides these, during the Indian International Jewellery Show '95 in Bombay the Gem Testing Laboratory offered a free Gem Testing Facility and acted as an information centre for Gem related topics.

(MRS. SHYAMALA FERNANDES)

Gemologist.

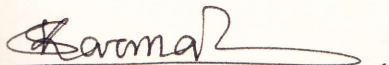
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Asst. Gemologist

(VIKAS JOSHI)

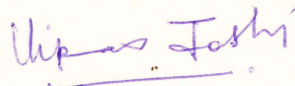
Research Gemologist

4. Violet Scapolite: A violet or blackish violet coloured transparent stone (colour similar to Amethyst) the properties were typical for Scapolite. R.I. 1.54 - 1.55 (U-) S.G. 2.63 (Appx), pink under U.V. and under magnification cleavage cracks and needle like inclusions were seen.



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