

**D-20 : ON THE OCCURRENCE OF GREEN SPINEL IN A MARBLE
AT EMBILIPITIYA**

E P W Peiris; Geological Survey Dept., Colombo.

An occurrence of green spinel was located recently at Embilipitiya. The spinel is hosted in marble which has scapolite, calcite, phlogopite and apatite as main minerals. Two mineral zones were observed in the marble in the field. One Zone (the inner zone) contains spinel, diopside and calcite while the other zone (the outer zone) is solely composed of phlogopite. This mineral zoning depicts fractionation of large ion elements into the outer zone from the inner zone during crystallization.