

# *Indian Standard*

## **SPECIFICATION FOR STRUCTURAL GRANITE**

### **( *First Revision* )**

#### **FOREWORD**

**0.1** This Indian Standard ( First Revision) was adopted by the Indian Standards Institution on 15 March 1974, after the draft finalized by the Stones Sectional Committee had been approved by the Civil Engineering Division Council.

**0.2** Granite is an important structural and ornamental stone and because of its high compressive strength and durability, is extensively used for massive structural works like bridge piers, sea and river walls, dams and monumental buildings, where excessive wear and abrasion is likely to occur. Fine grained variety of granite that takes and preserves high polish and is susceptible of being carved is employed for ornamental and monumental works and also for inscription purposes. Granite is found in several parts of India with slight variations in the physical properties of the stone depending upon the grain size and the minerals that go into its formation. This standard has, therefore, been formulated with a view to specifying suitable grades of granite stone and providing necessary guidance in the selection of proper grade of granite for a given specific job.

#### **1. SCOPE**

**1.1** This standard covers selection, grading and strength requirements of structural granite for the various constructional uses.