

*Indian Standard*

**MEASUREMENT OF LIQUID FLOW IN OPEN CHANNELS — BED MATERIAL SAMPLING**

**1 SCOPE**

This standard gives guidance on methods for sampling of both non-cohesive sand bed material and cohesive bed material (both of which may contain some fine gravel), principally for the purpose of determining the grain size frequency distribution of the bed material in open channels.

**2 REFERENCES**

The standards listed below contain provisions which through reference in this text constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
1191 : 2003	Glossary of terms and symbols used in connection with the measurement of liquid flow with a free surface ( <i>second revision</i> )
4890 : 1968	Methods for measurement of suspended sediment in open channels
6339 : 1971	Methods of analysis of concentration, particle size distribution and specific gravity of sediment in streams and canals
15124 : 2002	Liquid flow measurement in open channels — Sampling and analysis of gravel bed material