

OPEN CHANNEL FLOW RESISTANCE

BIRENDRA KUMAR SINGH

Department of Civil Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, India

ABSTRACT

The effects of Cross-Sectional Shape boundary non uniformity and flow unsteadiness in addition to viscosity and wall roughness are considered in open channel flow resistance.

Subjects Headings: Boulders, Channels, Drag, Flow resistance, Flumes

KEYWORDS: Friction Factor, Hydraulic Geometry, Roughness