

Metadata Details

Title
On the Nature of the Basic Rock Erratics from the Dakshin Gangotri Landmass, Antarctica.

Science Keywords

Category	Land Surface
Topic	Geomorphology
Expedition Year	1982-1983
ISO Topic	Geodesy

Summary

Abstract
Black and brown erratics characterised by autobrecciated nature and small pebbly appearance were observed on Dakshin Gangotri landmass. These erratics, transported by inland ice sheet, show no outcrop either in this landmass or in immediate vicinity.

Purpose
The erratics, black to brown in colour, are fine grained in nature and show almost an autobrec-ciated character with well rounded to polygonal pebbles incorporated within the fine grained ground-mass. Size of the incorporated pebbles varies from 1 cm to 5 cm. Boulders with smaller pebbles show a very hard and compact nature while those with larger pebbles, on striking, crumble into a powdery mass releasing the well rounded incorporated pebbles. The latter, in general, show a rounded but pitted surface and are very hard to break. A few pebbles even exhibit a dumb-bell shape.

Data Center