INFERRED MAP OF LANDSLIDE HAZARD ZONES - SHEET 53

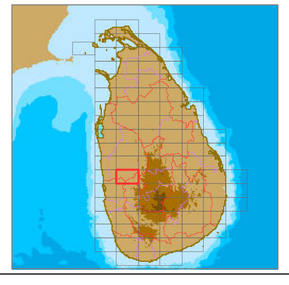
MAP INFORMATION

This map belongs to the coplement of Landslide Hazard Maps of the districts of Gampaha,Kurunegala & Kegalle produced at a scale of 1 : 50000 under the Landslide Hazard Mapping Project - Phase III. Although best possible scientific inputs have been provided to assess landslide hazard as realistically as possible, complexities and interplay of landslide causative factors operating over the geological time scale combined with accelerating human intervention resist crisp prediction. Please draw attention of the Director General, NBRO to any new facts, revisions or suggestions so that the maps could be constantly upgraded. Your co-operation will be highly appreciated.

The A.B.M.P. maps of 1 : 50 000 scale published by the Surveyor General's Office, Kirula Road, Colombo 05, Sri Lanka were served as base maps for hazard mapping, and topographic details from these maps were adopted mutatis mutandis. Mapping based on ground surveys,maps of Solid Rock Geology of scale 1:100 000 published by the Geological Survey and Mines Bureau, maps of Slope Class of 1: 63360 scale published by the Land Use Policy Planning Department and appropriate field checks.

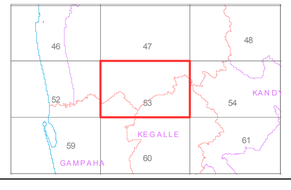
Produced for the landslide Hazard Mapping Project - Phase II by the Landslide Hazard Mapping Project Team of the National Building Research Organisation in concert with the scientists of allied disciplins from the Landslide Studies & Services Division, the Human Settlements Division, and the Computer Division.The Project was implemented by the Government of Sri Lanka at the National Building Research Organisation, Ministry of Housing Construction and Urban Development of the Democratic Socialist Republic of Sri Lanka.

Copies of this map are obtainable from the National Building Research Organisation 99/1 Jawatta Road Colombo 05, SRI LANKA



N W E S

LOCATION



LEGEND

- Main Road
- Minor Road
- Other Roads
- Railway
- Bridge / River / Stream / Canal
- Tank
- Temple
- Kovil
- Church
- Mosque
- Police Station
- School
- Hospital
- Historical Site
- Railway Station
- Province Boundary
- District Boundary
- D.S.Div. Boundry
- Village Name
- D.S.Div. Name
- Index Contour
- Intermediate Contour/ Value
- Supplimentery Contour

LANDSLIDE HAZARD POTENTIAL	ZONAL SIGNIFICANCE
Landslides most likely to occur	Danger and potential threat to life and property exists. No new construction should therefore be permitted. Essential additions in the existing structures may be allowed only after thorough site investigation and adequate precautions to be certified by specialist(s). Early warning systems should be established if symptoms of landslides are clear and risk levels are high.
Landslides are to be expected	Moderate levels of landslide danger exists.New construction should be discouraged,and improved landuse planning practices should be introduced to halt and reverse the process of slope degradation All essential construction and remediation, and new projects be subjected to landslide hazard assessment.
Modest level of landslide hazard exists	Slight danger of landslides exists. Engineered and regulated new construction and well planned cultivation are permitted. Plans for construction should be technically vetted and certified.
Landslides not likely to occur	No visible signs of slope instability or danger exist based on present state of knowledge.No blanket limitations need to be imposed particularly on well managed lands and engineered construction. Location specific limitations may become necessary,particularly for areas prone to flooding and erosion.

Scale 1 : 50,000

20 10 0 20 40 60 80 100

Kilometre

Origin of the grid system is 200,000 metres South and 200,000 metres West of Pidurutalagala.

Inferred Map of Landslide Hazard Zones
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Colombo 05

Cartographical Enhancement by The Survey Department of Sri Lanka