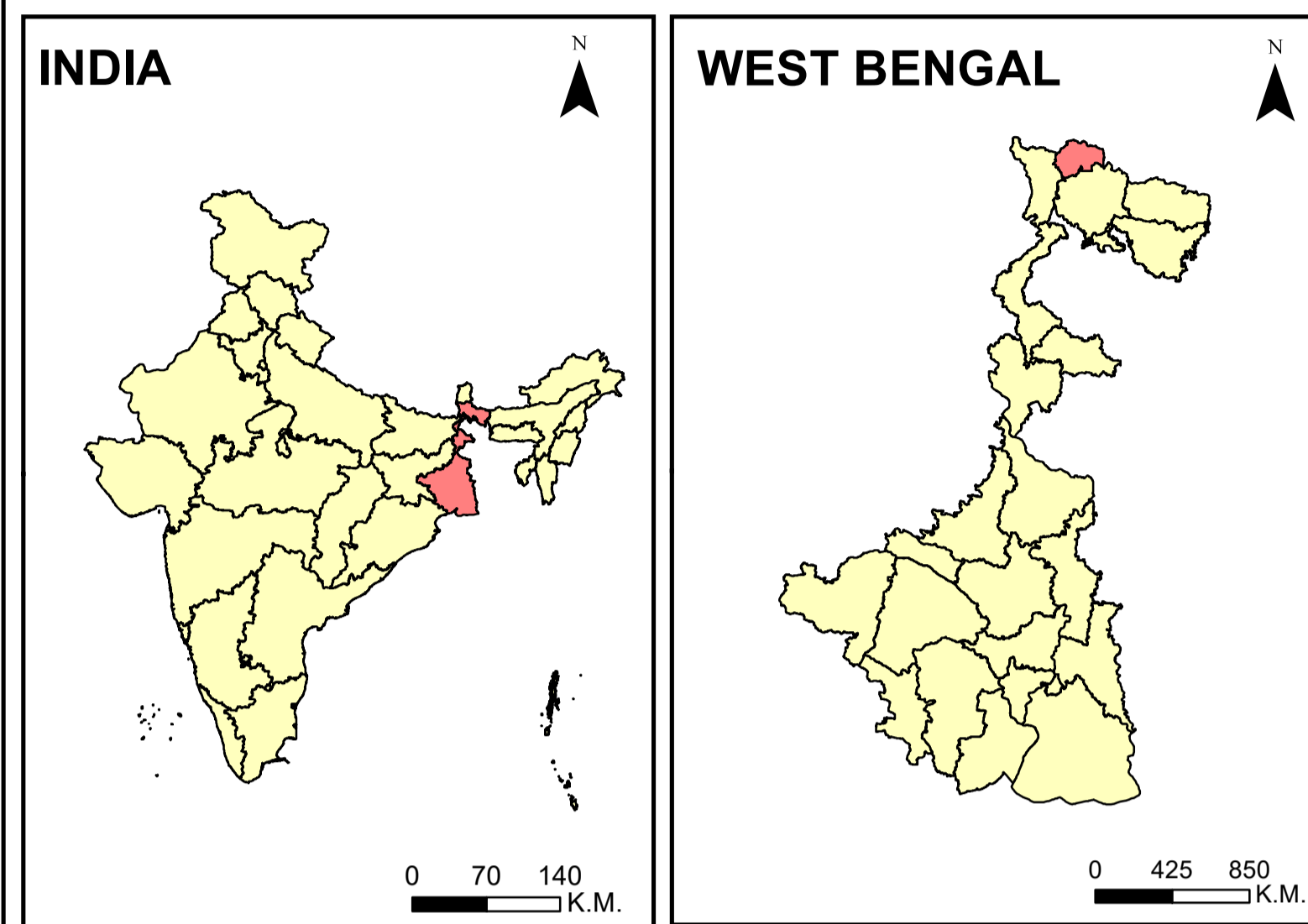
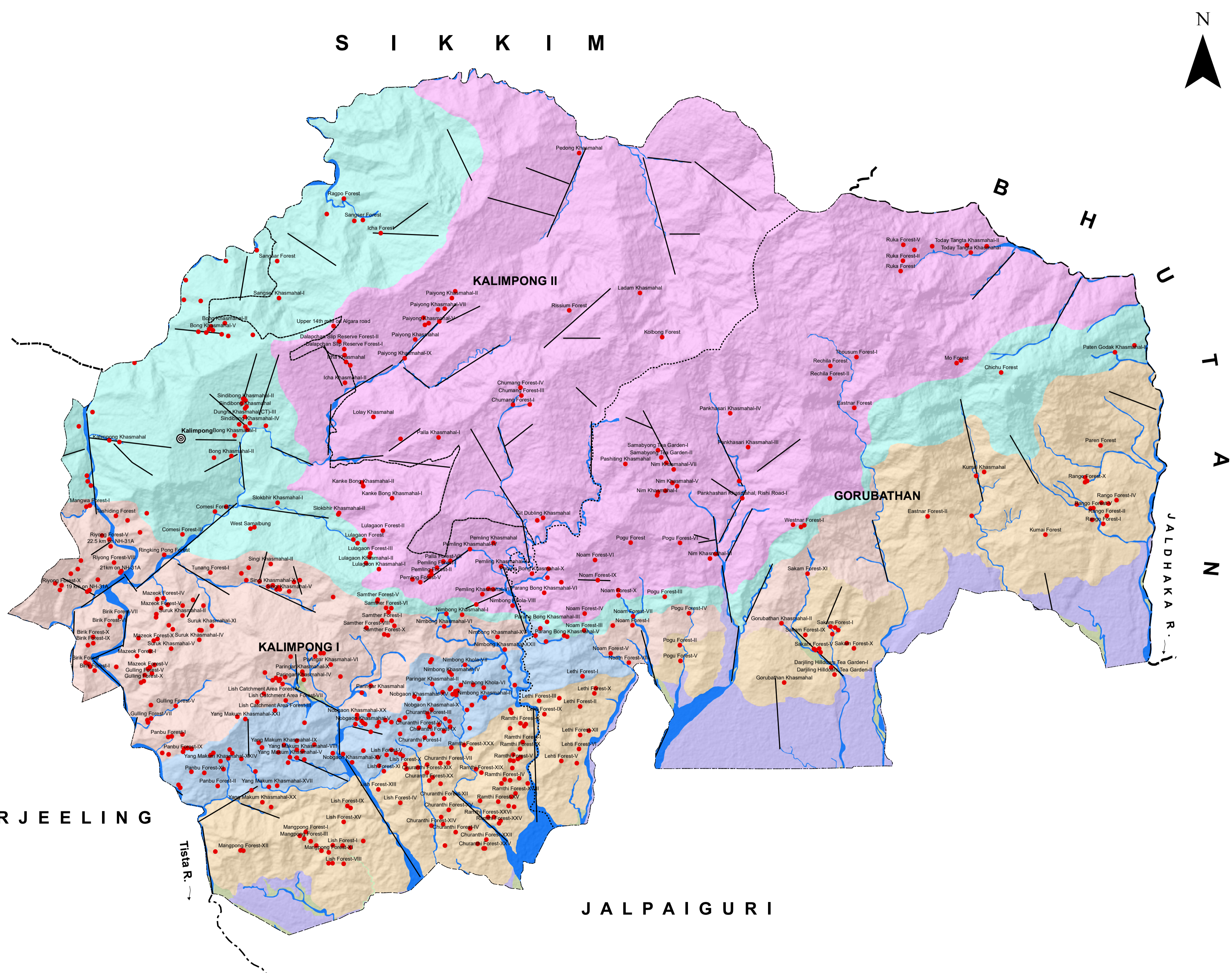


GEOLOGICAL MAP WITH LANDSLIDE EVENTS

KALIMPONG DISTRICT, WEST BENGAL

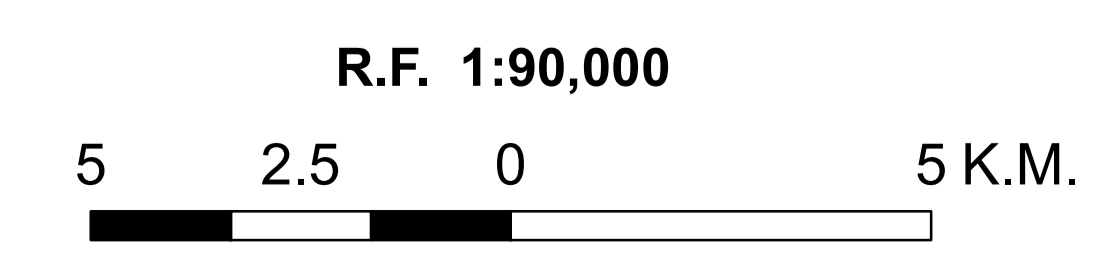
PREPARED UNDER NATIONAL MISSION FOR SUSTAINING THE HIMALAYAN ECOSYSTEM PROJECT



⊙ District Headquarters	● Landslide Events with Location
Administrative Boundary	Structures
--- International Boundary	--- Main Boundary Thrust (MBT)
- - - State Boundary	--- Main Central Thrust (MCT)
- - - Block Boundary	— Lineaments
Lithological Formation	
Blue line	River and Its Channel
Light Green	Malda/Jalpaiguri/Ganga-Koshi Formation (Early-Late Holocene)/Alluvium (Sand, Silt & Clay)
Light Brown	Shaugaoon Formation/Present Day Deposits (Present Day)/Alluvium (Sand Dominant)
Light Purple	Chalsa/Matali/Thaljhora/Samsing Formation (Lt. Pleistocene- Er. Holocene) /Alluvium (Gravel Dominant)
Orange	Siwaliks (Pliocene-Eocene)/(Sandstone & Conglomerate)
Light Blue	Gondwana Super Group (Damuda Gr) (Permo-Carboniferous)/(Sandstone with Shale)
Light Orange	Daling Group (Reyang Formation) (Proterozoic)/(Phyllite)
Light Cyan	Daling Group (Gorubathan Formation) (Proterozoic)/(Schist)
Pink	Central Crystalline Gneissic Complex (Proterozoic)/(Granitoid Gneiss/Gneissic Granitoid/Granitoid Complex)

- DATA SOURCE**
1. Geological Survey of India, District Resource Map (on scale 1:250,000)
 2. MBT and MCT: OCBIS Portal, Geological Survey of India
 3. High Resolution (Cartosat-1 Pan + LISS-IV Mx) Orthorectified Satellite Images of 2011-2012
 4. IRS - P6 LISS-III Satellite Images of 2015 - 2016
 5. Survey of India Toposheet (on scale 1: 50,000)

PREPARED BY
 Geoinformatics & Remote Sensing Cell,
 Department of Science & Technology and Biotechnology,
 Government of West Bengal

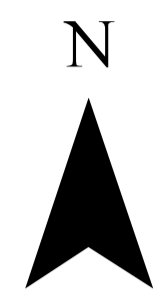


DARJEELING

JALPAIGURI

S I K K I M

B H U



T A N

JALDHAKA R.

Tista R.

KALIMPONG I

KALIMPONG II

GORUBATHAN