

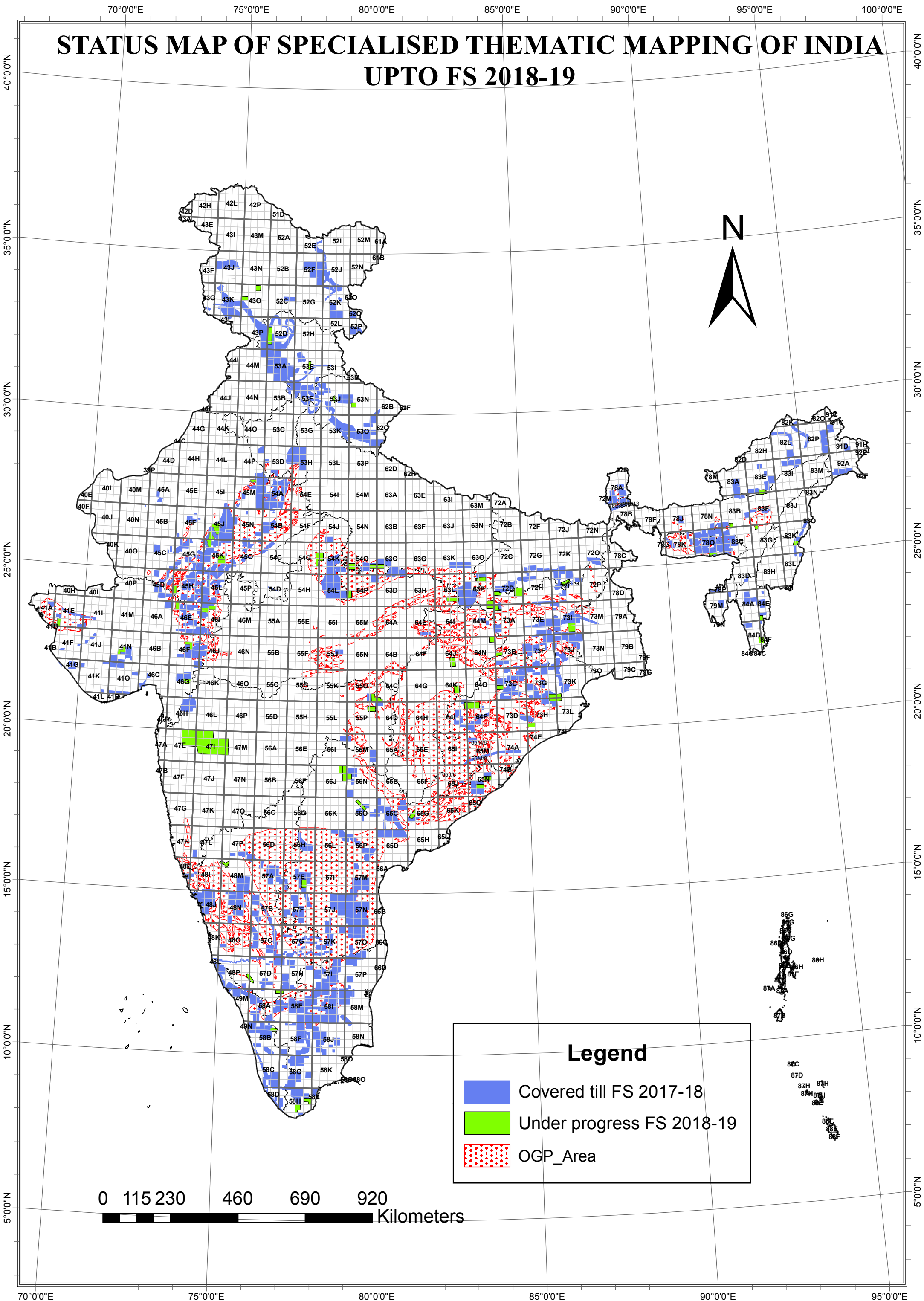
STATUS OF SPECIALISED THEMATIC MAPPING IN INDIA

Systematic Geological Mapping on 1:50,000/63,360 scale is the most fundamental and basic mapping programme pursued by Geological Survey of India during the last few decades. The whole country, excluding a few patches of inaccessible and difficult terrains, has been covered by the Systematic Geological Mapping. The data generated through this mapping activity on 1:50,000 / 63,360 scale has helped to build up the knowledge base and data base for National Geo-scientific information. This knowledgebase has been providing the baseline data to earth science related socio-economic activities and programmes of the nation.




Out of the total mappable area of 3.146 million sq.km of the country, 31,19,080 sq.km has been covered till March 2018 bringing the total coverage up to 99.14%. Some inaccessible terrains of North Eastern parts of the country in the states of Assam, Arunachal Pradesh, Nagaland, Manipur and Meghalaya (bordering Bangladesh) and in mountainous terrains of the Northern Himalayas in the states of Jammu & Kashmir and Uttarakhand besides the Jarwa/ Sentelenes inhabited islands of Andaman & Nicobar and Abujhmar Plateau of Chhattisgarh and Maharashtra, have not yet been covered by Systematic Geological Mapping.

Geological Survey of India launched specialised theme oriented large scale (1:25,000 or larger) studies/ Mapping under Specialised Thematic mapping (STM) Programme from VIII plan period in order to resolve the complex geological problems . Such thematic mapping will refine and update the existing geological knowledge base in greater detail in the light of available new scientific concepts and advancements in knowledge in different branches of Earth Science. STM will also help in locating new target areas for mineral search. The STM projects are formulated to address the critical geological problems, or at times to cater to the needs of various specialised activities of the Department. This integrated geo-scientific data bank helps resolving many of the geological ambiguities and sometimes opens up new avenues for future investigations. Till March 2018 an area of 2,76, 898 sq km has been covered by STM in the country . A status Map of Specialised Thematic mapping has been compiled for the first time by National Mission-IA after getting inputs from Regions. The map will be updated from time to time after getting updated status from the Regions.

STATUS MAP OF SPECIALISED THEMATIC MAPPING OF INDIA UPTO FS 2018-19



Legend

-  Covered till FS 2017-18
-  Under progress FS 2018-19
-  OGP_Area

0 115 230 460 690 920
Kilometers