

## Laboratory Assessment of Rocks from Reservoir Schemes of Jharkhand

Government of Jharkhand has proposed construction of 31 Dams all over Jharkhand for irrigation purpose. CWC (Planning Circle, Faridabad and North-East Investigation Division) has been entrusted for the preparation of DPRs for the same. Construction Materials Survey and Geotechnical Investigations for 18 of these projects have been allocated to CSMRS by both the divisions of CWC and MoU for the same has been signed.

For the assessment of properties and parameters of the rock mass, North-East Investigation Division of CWC had completed the drilling at the proposed locations of Six Dams and logging of the same had been done by GSI in July',2020.

In this Pandemic situation, in place of field visit for the selection of rock cores for investigation, the same was done through video conferencing. Consequently, the selected rock cores were delivered to CSMRS through courier and the investigations of the following six projects are under progress:

- a) Bhuswa Reservoir scheme, Hazaribagh (CCA-2000 Ha)
- b) Barkattha Reservoir scheme, Hazaribagh (CCA-1850 Ha)
- c) Sonadubi Reservoir scheme, Ranchi (CCA-100 Ha)
- d) Bhur Reservoir scheme, Ranchi (CCA-2000 Ha)
- e) Bhelwa Reservoir scheme, Palamu (CCA-100 Ha)
- f) Kuntishot Reservoir scheme, Palamu (CCA-1250 Ha)

