

Project Reports 2017-18

| S. No. | Title | Name of the Project |
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| 1 | Report on construction materials survey for suitability of fine aggregate for use in concrete (01/C-III/CSMRS/E/04/2017). | Luhri-I H E Project, HP |
| 2 | Report on the Foundation Investigations for Cross Drainage Works along the canal alignment of the proposed Wainganga-Nalganga Link Canal Project, Nagpur (NWDA). (1/S-II/SM/ CSMRS/E/03/17 | Wainganga-Nalganga Link Canal Project, Nagpur (NWDA) |
| 3 | Report on the Laboratory Investigations on the Blended Soil Samples (Soil-Bentonite Mix.) for Construction of Ash Dyke at Tanda Thermal Power Project, Stage-II (NTPC Ltd.), Uttar Pradesh (01/Soil-I/SM/ CSMRS/ E/04/2017) | Tanda Thermal Power Project, Stage-II (NTPC Ltd.), Uttar Pradesh |
| 4 | Report on Laboratory testing of Geo-textile bag and Geo-tubular mattress for Flood Management of River Ranganadi along with river training work on both bank embankments in Lakhimpur district for North Lakhimpur Water Resources Division, North Lakhimpur, Assam (01/Geosynthetics/RSD/CSMRS/E/05/2017) | North Lakhimpur Water Resources Division, North Lakhimpur, Assam |
| 5 | Report on deformability characteristics of rock mass at spillway axis of Polavaram Irrigation Project Headworks (1/RM-F/CSMRS/E/5/2017-18) | Polavaram Irrigation Project Headworks, Polavaram, Andhra Pradesh |
| 6 | Report on in-situ stress measurements by hydraulic fracturing test in right bank power house drift d-7 of Pancheshwar Multipurpose Project, Nepal (2/RM-F/CSMRS/E/5/2017-18) | Pancheshwar Multipurpose Project, Nepal |
| 7 | Report on strength & deformability characteristics of rocks in Uniaxial Compression. (01/RM-L/CSMRS/E/05/2017) | Luhri HE Project, H.P. |
| 8 | Report on laboratory investigations of construction materials samples collected during the 3rd visit from 22nd to 24th march, 2017 (02/CSM/CSS/2017/E/05) | Vyasi HE Project (120 Mw), Uttarakhand |
| 9 | Report on field investigation during the 5th visit of CSMRS team to Vishnugad Pipal Koti HE Project (4X11 MW), Chamoli Uttarakhand from 10th to 13th April, 2017 (03/CSM/CSS/2017/E/05) | Vishnugad Pipal Koti HE Project (4X11 MW), Chamoli Uttarakhand |
| 10 | Report on field investigation during the 5th visit of CSMRS team to PSP Tehari HE Project (04/CSM/CSS/2017/E/05) | PSP Tehari HE Project (4X250 MW) , Uttarakhand |
| 11 | Report on the Non- destructive tests conducted in | Nathpa dam, Himachal Pradesh |

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| | Foundation Gallery of Nathpa dam, Himachal Pradesh for qualitative assessment of concrete (01/E/CDD/CSM/05/2017) | |
| 12 | Report on in-situ shear strength parameters of rock mass in left bank drift at dam axis (3/RM-F/CSMRS/E/06/2017-18) | Mawphu–II HEP, Meghalaya |
| 13 | Report on deformability characteristics of rock mass by uniaxial jacking tests in left bank drift at dam axis (4/RM-F/CSMRS/E/06/2017-18) | Mawphu-II H. E. Project, Meghalaya |
| 14 | Report on in-situ shear strength parameters of rock mass in left bank drift at dam axis (5/RM-F/CSMRS/E/6/2017-18) | Kirthai-I HEP, J & K |
| 15 | Report on deformability characteristics of rock mass by Goodman jack tests conducted in powerhouse drift of Kirthai-I H.E. Project, Jammu and Kashmir (6/RM F/CSMRS/E/6/2017-18) | Kirthai-I H.E. Project, Jammu and Kashmir |
| 16 | Report on Stress Measurement by Hydraulic Fracturing Tests in the Power House Drift of Kirthai-I H.E. Project, Jammu and Kashmir (7/RM-F/CSMRS/E/6/2017-18) | Kirthai-I H.E. Project, Jammu and Kashmir |
| 17 | Final report on laboratory investigations of rocks from ‘Mawphu HE Project (Stage-II), Meghalaya’. (02/RM-L/CSMRS/E/06/2017). | Mawphu HE Project (Stage-II), Meghalaya’ |
| 18 | Report on laboratory investigations of rocks from ‘Kirthai-I, HE Project (Power House), J&K’. (03/RM-L/CSMRS/E/06/2017). | Kirthai-I, HE Project, J&K |
| 19 | Report on laboratory investigations of construction materials samples collected during the 5th visit of CSMRS (05/CSM/CSS/2017/E/06) | Vishnugadh Pipalkoti HE Project, Uttarakhand |
| 20 | Report on “Foundation Investigations at the Spill Channel for the Polavaram Project, Dowlaiswaram, Andhra Pradesh (03/Soil-I/SM/CSMRS/E/05/2017) | Polavaram Project, Dowlaiswaram, Andhra Pradesh |
| 21 | Report on Borrow Area Investigations for the Proposed Renukaji Dam Project, Himachal Pradesh (03/Soil-II/SM/CSMRS/E/06/2017) | Renukaji Dam Project, Himachal Pradesh |
| 22 | Report on Borrow Area Investigations for the Proposed Luhri Dam Project, Himachal Pradesh (04/Soil-II/SM/CSMRS/E/06/2017) | Luhri Dam Project, Himachal Pradesh |
| 23 | Report on laboratory investigations of construction materials samples collected during the 5th visit of CSMRS. (06/CSM/CSS/E/06/2017) | PSP Tehri HE Project, Uttarakhand |
| 24 | Report on In-Situ Stress Measurements Using Hydraulic Fracturing Method in Power House Drift of Turga Pumped Storage Project, West Bengal | Turga Pumped Storage Project, West Bengal |

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| | (8/RM-F/CSMRS/E/7/2017-18) | |
| 25 | Final report on laboratory investigations of rocks from 'Polavaram Project (Diaphragm Wall), Andhra Pradesh. (8A/RM-L/CSMRS/E/07/2017). | Polavaram Project, Andhra Pradesh |
| 26 | Report on laboratory investigations of rocks from 'Delhi Earth Station, ISRO, New Delhi. (04/RM-L/CSMRS/E/07/2017) | ISRO, New Delhi |
| 27 | Report on "Borrow Area Investigations for the Proposed Renukaji Dam Project, Himachal Pradesh (03/Soil-II/SM/CSMRS/E/06/2017) | Renukaji Dam Project, Himachal Pradesh |
| 28 | Report on Borrow Area Investigations for the Proposed Luhri Dam Project, Himachal Pradesh (04/Soil-II/SM/CSMRS/E/06/2017) | Luhri Dam Project, Himachal Pradesh |
| 29 | Report on laboratory investigations of rocks from Punatsangchhu-II HE Project (HRT & Pressure Shaft), Bhutan. (06/RM-L/CSMRS/E/08/2017). | Punatsangchhu-II HE Project, Bhutan |
| 30 | Report on laboratory investigations of rocks from 'W-N Inter State Canal link project (Phase-I), Maharashtra. (07/RM-L/CSMRS/E/08/2017). | W-N Inter State Canal link project (Phase-I), Maharashtra |
| 31 | Report on laboratory investigations of rocks from Upper Indravati Pumped Storage Project, Odisha. (09/RM-L/CSMRS/E/08/2017). | Upper Indravati Pumped Storage Project, Odisha |
| 32 | Report on field testing during the 6th visit to Vishnugad Pipalkoti HE Project (4 x 111 MW), Chamoli, Uttarakhand from 24th to 28th July, 2017. (08/CSM/CSS/REPORT/2017/E/08). | MoU between CSMRS and THDCIL |
| 33 | Report of ASR on coarse aggregate for Vyasi HE Project (120 MW), Uttarakhand. (09/CSM/CSS/REPORT/2017/E/08) | Vyasi HE Project (120 MW), Uttarakhand |
| 34 | Report on laboratory investigations of rocks from 'Sirkari Bhyol Rupsiabagar, Uttarakhand'. (10/RM-L/CSMRS/E/08/2017). | Sirkari Bhyol Rupsiabagar, Uttarakhand |
| 35 | Report on laboratory investigation of construction materials samples collected during the 6th visit by the CSMRS. (10/CSM/CSS/REPORT/2017/E/09). | Vishnugad Pipalkoti HE Project (4 x 111 MW), Chamoli, Uttarakhand |
| 36 | Report on field testing during the 6th visit of CSMRS Team from 21st to 24th Aug., 2017 (11/CSM/CSS/2017/E/09) | Tehri Pump Storage Plant (4 x 250 MW), Tehri Garhwal, Uttarakhand |
| 37 | Report on Large size Triaxial shear test on blasted rockfill material. (01/RF/RSD/CSMRS/E/09/2017) | Tlawng H.E. Project, Mizoram |
| 38 | Report on laboratory investigation of construction | Tehri Pump Storage Plant (4 x |

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| | materials samples collected during the 6th visit by the CSMRS. (13/CSM/CSS/REPORT/2017/E/10) | 250 MW), Tehri Garhwal, Uttarakhand |
| 39 | Report on Borrow Area Investigations for the Proposed Tlawng H. E. Project, Mizoram. (06/S-II/SM/CSMRS/E/10/2017) | Tlawng H. E. Project, Mizoram. |
| 40 | Report on Foundation Investigation for the Proposed Tlawng H. E. Project, Mizoram. (07/S-II/SM/CSMRS/E/10/2017) | Tlawng H. E. Project, Mizoram |
| 41 | Report on in-situ deformability characteristics of rock mass by plate load tests in right bank dam axis drift (EL 833 m) (9/RM-F/CSMRS/E/11/2017-18) | Luhri-I H.E. Project, Himachal Pradesh |
| 42 | Report on laboratory investigations of rocks from Power House Location of 'Rupaligad HEP, Nepal'. (11/RM-L/CSMRS/E/09/2017). | Rupaligad HEP, Nepal' |
| 43 | Report on The Instrumentation for Monitoring of Cracks at Barrage of Lower Jhelum H.E. Project, J&K. (01 /W&I/CSMRS/ E/11/2017). | Lower Jhelum H.E. Project, J&K |
| 44 | Report on Laboratory Investigations on undisturbed Soil Samples collected from the Original Ground Site of RG OC-II Project, RG-III, SCCL, Telangana. (06/S-I/SM/CSMRS/E/11/2017) | RG OC-II Project, RG-III, SCCL, Telangana |
| 45 | Report on Foundation Investigation for the barrage of Rukni Irrigation Project (08/S-II/SM/CSMRS/E/11/2017) | Rukni Irrigation Project |
| 46 | Test Results on laboratory testing of Non-Woven Geotextile and Geomembrane for Water Resources Project Division, Bundi, Rajasthan has been prepared (01/Geosynthetics/RSD/CSMRS/E/11/2017) | Water Resources Project Division, Bundi, Rajasthan |
| 47 | Report on field testing during the 1st visit to Vishnugad Pipalkoti HE Project (4 x 111 MW), Chamoli, Uttarakhand from 5th to 9th Nov, 2017. (15/CSM/CSS/E/11/2017) | Vishnugad Pipalkoti HE Project (4x111MW), Chamoli, Uttarakhand |
| 48 | Report on Large Size Triaxial Shear Tests On Blasted Rockfill Material from North Lungleng Quarry of Tlawng H.E. Project, Mizoram. (02/RF/RSD/CSMRS/E/12/2017) | Tlawng H.E.Project, Mizoram |
| 49 | Report on laboratory testing of Non-Woven Geotextile and Geomembrane for Water Resources Project Division, Bundi, Rajasthan (02/Geosynthetics/RSD/CSMRS/E/11/2017) | Water Resources Project Division, Bundi, Rajasthan |
| 50 | Report on the Borrow Area Investigations for the Clay Core Materials for the Proposed Kanhar Dam | Kanhar Dam Project, Uttar Pradesh |

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| | Project, Uttar Pradesh (04/Soil-I/SM/CSMRS/E/10/2017). | |
| 51 | Report on “Foundation investigation for Barrage of Rukni Irrigation Project, Cachar, Assam (08/S-II/SM/CSMRS/E/11/2017). | Rukni Irrigation Project, Cachar, Assam |
| 52 | Report on Soil investigations along the Canals of Sonai Irrigation Project, Cachar, Assam. (09/S-II/SM/CSMRS/E/12/2017) | Rukni Irrigation Project, Cachar, Assam |
| 53 | Report on Foundation investigation for Barrage of Sonai Irrigation Project, Cachar, Assam. (10/S-II/SM/CSMRS/E/12/2017) | Sonai Irrigation Project, Cachar, Assam |
| 54 | Report on XRD analysis of 02 Non dissolved solids samples collected from Siang river, Arunachal Pradesh (49/E/CSM/Chem/01/2018). | Siang River, Arunachal Pradesh |
| 55 | Report on Laboratory Investigation of Construction materials sample collected (18/CSS/CSM/E/01/2018) | Vishnugad Pipalkoti HE Project (4 x 111 MW), Chamoli, Uttarakhand |
| 56 | Physical and Chemical test report of OPC-43 grade cement sample (21/CSS/CSM/E/01/2018) | Tehri Pump Storage Plant (4 x 250 MW), Tehri Garhwal, Uttarakhand |
| 57 | Report on construction materials survey and laboratory investigations on rock and sand samples for use as coarse and fine aggregates in concrete (01/C-I/CSMRS/E/1/2018) | Upper Indravati Pumped Storage Project, Odisha |
| 58 | Report on the Geotechnical Investigations (Plate Load Test) at RG OC-II Project, Singareni Collieries, Telangana (08/Soil-I/SM/CSMRS/E/01/2018) | RG OC-II Project, Singareni Collieries, Telangana |
| 59 | Report on the Visit to Khudirampur Dam Site, Diglipur, Andaman & Nicobar (09/Soil-I/SM/CSMRS/E/12/2017) | Khudirampur Dam Site, Diglipur, Andaman & Nicobar |
| 60 | Report on the Foundation Investigations at the Original Ground Site of RG OC-II Project, RG-III, SCCL, Telangana (10/Soil-I/SM/CSMRS/E/01/2018). | RG OC-II Project, RG-III, SCCL, Telangana |
| 61 | Report on laboratory investigation of FA, liquid accelerator and super plasticizers sample collected during 7 th visit of CSMRS Team to PSP Tehri (22/CSS/CSM/E/01/2018) | Tehri Pump Storage Plant (4 x 250 MW), Tehri Garhwal, Uttarakhand |
| 62 | Report on 4 th Visit of CSMRS team to Vyasi H E Project from 30 th May to 1 st June 2017 in connection with QC services as per the MoU b/w CSMRS and UJVNL (15-A/CSS/CSM/E/07/2017) | Vyasi HE Project (120 MW), Uttarakhand |
| 63 | Report on “Chemical analysis of 01 water”, Project : THDC, Koteswar, UK. | THDC, Koteswar H E Project, Uttarakhand |

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| | (58/E/CSM/Chem/02/2018) | |
| 64 | Report on “XRD analysis of 02 leachate samples”, Project: THDC, Koteshwar, UK. (59/E/CSM/Chem/02/2018) | THDC, Koteshwar H E Project, Uttarakhand |
| 65 | Report on the “Visit of Khudirampur Dam Site, Diglipur, Andaman & Nicobar (09/Soil-I/SM/CSMRS/E/01/2018) | Andaman & Nicobar |
| 66 | Report on the “Study on the River Bed Material from River Ganges” (12/Soil-I/SM/CSMRS/E/02/2018) | Study on the River Bed Material from River Ganges, Patna Bihar |
| 67 | Report on the “Study on the River Bed Material from River Brahmaputra” (13/Soil-I/SM/CSMRS/E/02/2018) | Study on the River Bed Material from River Brahmaputra, Assam |
| 68 | Report on “Borrow Area Investigations for the Earthen Dam for the Proposed Upper Indravati Pumped Storage Project, Odisha (14/Soil-I/SM/CSMRS/E/03/2018). | Upper Indravati Pumped Storage Project, Odisha |
| 69 | Report on “Chemical analysis and XRD analysis of crushed sand sample (62/E/CSM/Chem/02/2018). | Ghatampur Thermal Power Station, Kanpur, UP |
| 70 | Report on “Chemical analysis of 01 admixture sample” (64/E/CSM/Chem/03/2018). | Polavaram Head Work Polavaram, AP. |
| 71 | Report on mix proportions for M25A20 (pile) & M20 A20 grades of concrete with Sikament 5208NS & Chryso–optima S865 water reducing admixtures and laboratory investigation on construction materials (02/C-I/CSMRS/E/03/2018 | Jawaharpur Thermal Power Project (2 x 660 mw), Etah, UP |
| 72 | Reports on Chemical Analysis of Cement and Microsilica samples (03/C-I/CSMRS/ E/03/2018) | Punatshangchu-II, H.E Project, Bhutan |
| 73 | Report on Field testing carried out during 8 th visit of CSMRS team to PSP Tehri Project (4x250 MW), Uttarakhand from 20 th to 23 rd February, 2018 in connection with providing Quality Consultancy services as per the MoU executed between CSMRS & THDCIL (25/CSS/CSM/E/03/2018) | Tehri Pump Storage Plant (4 x 250 MW), Tehri Garhwal, Uttarakhaand |
| 74 | Report on Laboratory Investigations of Coarse Aggregate, Liquid Accelerator, Dry Accelerator and Super Plasticizer samples collected during 8 th visit of CSMRS team to PSP Tehri Project (4x250 MW), Uttarakhand as per the MoU executed between CSMRS & THDCIL (26/CSS/CSM/E/03/2018) | Tehri Pump Storage Plant (4 x 250 MW), Tehri Garhwal, Uttarakhaand |
| 75 | Rreport on construction materials survey for suitability of rock and sand for use as coarse and fine aggregate in concrete (01/C-III/CSMRS/E/03/2018) | Sirkari Bhyol Rupsiabagar H E Project, Uttarakhand |

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| 76 | Report on the Instrumentation of underground powerhouse (2/W&I/CSMRS/E/03/2018). | Sardarsarovar Project, Gujarat |
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