

MD. SHOHEL RANA

Scientific Officer

Institute of Mining, Mineralogy and Metallurgy

Bangladesh Council of Scientific and Industrial Research

Khanjanpur, Joypurhat 5900, Bangladesh

Cell No.: (+88) 01736060001

E-mail ID.: msrana88@gmail.com



AREAS OF SPECIALIZATION

Mineralogy, soil mechanics, GIS mapping & Cartography, Engineering geology

CURRENT POSITIONS

2018/Oct. - present Scientific Officer, Institute of Mining, Mineralogy and Metallurgy, BCSIR, Joypurhat, Bangladesh

PREVIOUS POSITIONS

2016/Mar. -2018/Sept. Geologist, SMEC-ACE Consultant Ltd. (Member of the Surbana Jurong Group), DOHS Baridhara, Dhaka, Bangladesh

2014/Jan. -2016/Feb. Technical Associate (Geologist), Federal Institute for Geosciences and Natural Resources (BGR), Germany's TC project in Bangladesh: Geo-Information for Urban Development (GUD), C/O: GSB,153, Pioneer Road, Segunbagicha, Dhaka-1000

EDUCATION

2011 MS in Geological Sciences, Jahangirnagar University, Savar, Dhaka, Bangladesh

Thesis: *Clay Mineralogy and Geotechnical Properties of Some Pleistocene Barind Clay Samples of Bogra*

2010 B.Sc (Hon's) in Geological Sciences, Jahangirnagar University, Savar, Dhaka, Bangladesh

PUBLICATIONS

Journal Article

2014 Md. Emdadul Haque, M. Nairuzzaman, Tamanna Tasnim and **Md. Shohel Rana**, 2014. Consistency limits of some Madhupur Clay samples of Savar and Dhaka, Bangladesh. Jahangirnagar University Journal of Sciences, Vol. 37, No. 1, pp. 1-14

- 2014 Tamanna Tasnim, **Md. Shohel Rana**, Md. Emdadul Haque and Hossain Md. Sayem, 2014. Evaluation of Atterberg Consistency Limits of Barind Clay Soils of Bogra and their Relationship with Clay Minerals. Jahangirnagar University Journal of Sciences, Vol. 37, No. 2, pp 1-17
- 2013 **Md. Shohel Rana**, Tamanna Tasnim, Md. Emdadul Haque and H. M. Sayem, 2013. Grain size distribution and mineralogy of some Pleistocene Barind clay samples of Bogra Sadar and Shajahanpur Area, Bangladesh. Jahangirnagar University Journal of Sciences, Vol. 36, No. 2, pp. 79-92
- 2013 **Md. Shohel Rana**, Tamanna Tasnim, Md. Emdadul Haque and Hossain Md. Sayem, 2013. Influence of clay minerals on Consistency Limits of some soil samples of Bogra with emphasis on the variation in Casagrande and cone penetrometer methods. Bangladesh Geoscience Journal, Vol. 19, pp. 15-31

LIST OF R&D PROJECTS

- 2019-21 Preparation of Synthetic Rutile from Ilmenite of Brahmaputra River Basin (On going)

TRAINING/ WORKPLACE INFORMATION

- 2018/Nov. - 2019/Jan. Special Foundation Training Course, Bangladesh Public Administration Training Centre, Savar, Dhaka -1343
- 2018 Advanced Modules of GIS, Bangladesh Institute of Planners (BIP), Dhaka (11 May 2018 to 12 May 2018)
- 2016 Advanced Geographic Information System (GIS) and Remote Sensing (RS), GPAD Training Center, Mohakhali, Dhaka

MEMBERSHIP OF SCIENTIFIC BODIES

- Founder group member of IAEG Bangladesh National Group of International Association for Engineering Geology and the Environment since 2017 to present.
- Student member in energy minerals division in American Association of Petroleum Geologists (AAPG) since 2008 to 2012.