

**MINUTES OF THE XII NR 29th RAC MEETING
NORTHERN REGION, LUCKNOW**

The 29th RAC meeting of Northern Region, Geological Survey of India was held under the Chairmanship of Shri Som Nath Chandel, Additional Director General & HOD, GSI, NR, Lucknow on 17th May, 2019 through video-conferencing with State Unit: Uttarakhand; State Unit: Punjab, Haryana and Himachal Pradesh; State Unit: Jammu & Kashmir and with NCEGR, Faridabad and across the table with State Unit: Uttar Pradesh and Divisions of RHQ, NR at committee hall GSI, NR, Lucknow. List of participants is appended as annexure.

Dr. Ghanshyam Tiwari, Director, PSS, GSI, NR, Lucknow welcomed all the participants. He requested Shri Som Nath Chandel, ADG & HoD, NR and Chairman to initiate the meeting. The ADG & HoD, GSI, NR, Lucknow released the “Miscellaneous publication 30, Part-XIIIA “Geological and mineral resources of states of India” in presence of Senior Officers of Northern Region.

Sl. No.	Opening Remarks by the Chairman
GSI_NR_RAC 29.01.00	<p>Shri Som Nath Chandel, ADG & HoD, NR & Chairman extended a warm welcome to all the participants. He stated the achievements of FS 2018-19 as a successful one. He opined that FS ending RAC meeting is important to identify and resolve the problems pertaining to technical, administrative, financial matters, grievances cases, RTI, Legal matters, implementation of OCBIS modules, procurement of machinery and equipments and emphasised on the establishment of permanent field hutments, wherever required. He advised all the Supervisory Officers to review the work for identification of lacunas in previous FSP. The Chairman laid emphasis on following points:</p> <ol style="list-style-type: none"> 1. All the missions have to ensure that there is no spill over. It is not a healthy sign. Supervisory Officers are responsible for the spill over. All the spillovers need to be attended and intimated to ADG & HoD, NR. (Action: All Missions) 2. Item-wise highlights of FS 2018-19 must be compiled and submitted to ADG & HoD, NR within fortnight. (Action: All Missions) 3. GSI, NR has done appreciable job by taking more items during FS 2019-20. 4. Ministry of Mines is providing full support to upgrade the field camps. All the State Units must send their requirements related to camp up-gradation to AP&M Division for procurement of same in stipulated time. (Action: All State Units; OIC, AP&M Division.) 5. State Unit: UP must formulate STM items for resolving geological problems. The quality items related to Seismology and Palaeontology needs to be proposed. (Action: State Unit: Uttar Pradesh; Director, Earthquake Geology; Director, Palaeontology) 6. Drilling Division has done appreciable job in previous field season but there should not be any delay in the drilling work in ongoing field season. Drilling Division should ensure initiation of the drilling work for FS 2019-20 without any delay. (Action: Suptdg. Engineer, Drilling Division) 7. Requirement for procurement of state of the art machinery/equipments/instruments must be initiated for upgradation of labs. immediately. (Action: OIC, AP&M Division.) 8. Outsourcing of vehicles, if required, must be explored to remove the difficulties. (Action: OIC, Transport Pool; OIC, AP&M Division) 9. Outsourcing of surveyors, if required, must be done for smooth implementation of FS 2019-20. (Action: Director, PSS; Survey Officer, NR) 10. VAQ is an excellent initiative. GSI, NR is carrying out many activities

	<p>which are of societal importance. Capable Officers must be identified for GSI Internship programme.</p> <p style="text-align: right;">(Action: All Concerned)</p>
Confirmation of Minutes and Follow up actions of 28th RAC meeting	
<p>Director, PSS discussed the point wise Action Taken Report (ATR) of 28th RAC meeting. The House confirmed the minutes of XII_NR_28th RAC meeting held on 18th January, 2019 unanimously.</p>	
29.02.00	Review of Action Taken on the recommendation of 28th RAC meeting
GSI_NR_RAC 29.02.01	<p><i>On the matter of completion of targets of FS 2018-19, Dy. DG & RMH-II informed the House that all the targets were achieved except 6 Mineral Investigation items, 2 each from SU:UP; SU:J&K and SU:P,H&HP. Dy. DG & RMH-II further informed that the extension for 4 items have been approved by Competent Authority. Regarding spill over items of SU:J&K, Shri Rajesh Joshi, Director informed the House that one field party has already departed to complete that spill over work and other party will depart after election duty. The Chairman instructed to complete the work by 30th June 2019.</i></p> <p style="text-align: right;">(Action: Dy.DG, SU: J&K)</p>
GSI_NR_RAC 29.02.02	<p><i>On the matter of proposing a STM item involving comparative study of Stromatolites of Garhwal Group; Shri P.S.Misra, Director informed the House that lot of work has been done and considerable gap area does not exist, resulting the limited scope of work. The Chairman advised to propose an item on correlation of Mahakoshals of Bihar and of southern UP in the state boundary areas of states of UP, Bihar & Jharkhand covering Chopan & Wyndhamganj section of UP and Akbarpur Section of Bihar.</i></p> <p style="text-align: right;">(Action: Dy. D.G, SU:UP)</p>
GSI_NR_RAC 29.02.03	<p><i>Regarding mismatches in toposheets; Shri Bhriugu Shankar, Suptdg. Geologist informed the House that in-house work has been started and mismatches of two toposheets have been resolved. The Chairman advised to propose a committee for approval by the Competent Authority to resolve the matter within one week.</i></p> <p style="text-align: right;">(Action: Dy.D.G & RMH-III)</p>
GSI_NR_RAC 29.02.04	<p><i>On the issue of requirement of desktop computers to all officers; the Chairman instructed the state units to submit requirements with complete specifications to Geodata Division, NR.</i></p> <p style="text-align: right;">(Action: All State Units)</p>
GSI_NR_RAC 29.02.05	<p><i>On the issue of requirement of administrative staff in NCEGR, Faridabad; the Chairman advised Director & HoO, GSI, NR to resolve the issue.</i></p> <p style="text-align: right;">(Action: Director & HoO, GSI, NR)</p>
GSI_NR_RAC 29.02.06	<p><i>On the issue of procurement of development and modernization of Chemical laboratory; the Chairman instructed to install the fume hood and furnace within a month and submit the compliance report.</i></p> <p style="text-align: right;">(Action: Director, Chemical Division)</p>
GSI_NR_RAC 29.03.00	Mission wise review of work
GSI_NR_RAC 29.03.01	<p>Mission-I Dy. D.G. & RMH-I presented a brief account of work carried out under Mission-I. He informed the House that there were 36 items under Mission-I including 7-STM, 18-NGCM, 5-NGPM, 3-RSAS and 3-Service items. He informed the House that all the NQT targets for FS 2018-19 have been achieved and reports for FS 2017-18 have been circulated. He also informed that the Term Review recommendations have been taken care. The chairman expressed dissatisfaction over the quality of STM items proposed by SU:UP for FS 2019-20 and advised to submit more quality STM items bringing emerging geological problems.</p> <p style="text-align: right;">(Action: Dy. D.G., SU:UP; Dy.D.G. & RMH-I)</p>
GSI_NR_RAC 29.03.02	<p>Mission-II Dy. D.G. & RMH-II presented the brief account of work being carried out under Mission-II. He informed the House that all the targets were achieved except 6 Mineral Investigation items, 2 each from SU:UP; SU:J&K and SU:P,H&HP. Dy. DG</p>

	<p>& RMH-II also informed that extension for 4 items have been approved by Competent Authority. The Chairman instructed that all the spillovers need to be attended and intimated to ADG & HoD, NR.</p> <p style="text-align: right;">(Action: Dy. D.G.&RMH-II)</p> <p>The reports pertaining to FS 2017-18 have been circulated and uploaded on OCBIS portal except Iron ore investigation report for which extension for circulation have been granted up to 30.06.2019.</p> <p>He also informed the House that all the term review recommendations have been taken care.</p>
GSI_NR_RAC 29.03.03	<p>Mission-III</p> <p>Dy. D.G. & RMH-III presented the work being carried out under Mission-III. He informed the House that there were 15-items including 4 publication items, 7 DRMs, one item pertaining to preparation of Mineral Belt map and 3 Service items.</p> <p>He informed the House that the review of Extended Abstract and Miscellaneous publication of Uttar Pradesh are over and are in process of printing. He further informed that there are 2 spillover publications whose extension has been sought up to 30.09.2019 as these are under review and after that it will go for printing.</p> <p>Regarding Misc. Pub. of SU:J&K, which is to be taken in FS 2019-20; Director, Publication informed the House that till date no communication has been received from J&K regarding this. The chairman instructed to depute one officer for that and send him to RHQ, NR. He also instructed all State units to submit the manuscript to Publication Division.</p> <p style="text-align: right;">(Action: Dy. DG, SU:J&K)</p>
GSI_NR_RAC 29.03.04	<p>Mission-IV</p> <p>Dy. D.G. & RMH-IV presented the brief account of work carried out under Mission-IV. He informed the House that all the NQT targets for FS 2018-19 have been achieved and reports for FS 2017-18 have been circulated.</p> <p>He further informed that all the term review recommendations have been taken care. The Chairman enquired about the NLSM Priority –II work done in Jammu & Kashmir. He instructed Shri Vijay Shivgotra, Director to submit the complete details of officers involved in Priority-II work and the scale on which work have been done and the maps in which geomorphic features must be identified and marked.</p> <p style="text-align: right;">(Action: Vijay Shivgotra, Director, SU:J&K)</p>
Status of NGCM and Non-NGCM sample analysis	
GSI_NR_RAC 29.04.01	<p>Director, PSS enquired about the date of latest sample received for analysis by Chemical Division. Director, Chemical Division replied that last sample was received on 01.05.2019. Director PSS expresses his concerns over late submission of samples as the date of submission of samples was 15.04.2019. He requested all State units to take action regarding late submission of samples.</p> <p style="text-align: right;">(Action: Dy. DG, State Units)</p> <p>The Chairman advised to submit the results of Bharhari item by 24.05.2019.</p> <p style="text-align: right;">(Action: Director, Chemical Division)</p> <p>The Chairman also instructed to provide results of A and H-packages so that reports can be circulated on time.</p> <p style="text-align: right;">(Action: Director, Chemical Division)</p>
Status of Drilling progress for FS 2018-19 and FS 2019-20	
XII_NR_RAC 29.05.01	<p>Suptdg. Engineer, Drilling Division presented the progress of drilling activities for FS 2018-19 and future plans for FS 2019-20.</p> <p>The Chairman advised to conduct separate meeting with Dy. DG & RMH-II to discuss the drilling progress and future plans.</p> <p style="text-align: right;">(Action: Suptdg. Engg., Drilling Division; Dy. DG & RMH-II)</p> <p>Regarding progress of work in Qabrawala Block, the Chairman advised Suptdg. Engineer to ask the agency to deploy one more machine and complete the work by 15th July 2019.</p> <p style="text-align: right;">(Action: Suptdg. Engg., Drilling Division)</p> <p>The Chairman instructed to send the photographs of core logs in Naraul area as the results are promising in that area.</p>

	(Action:SU:P,H&HP; Drilling Division)
Status of FSP completion of FS 2018-19 and implementation of FS 2019-20	
XII_NR_RAC 29.06.01	<p>The Chairman enquired about the Status of RCA disbursement and instructed for early disbursement to field parties.</p> <p style="text-align: right;">(Action: All HoO)</p> <p>Director & HoO, SU: P, H&HP informed the House that high altitude filed parties are ready to depart but RCA has not been disbursed. He also informed that there is requirement of budget in M-IV to provide RCA to field parties.</p> <p>Director and HoO, SU: J&K informed the House that there is requirement of budget in M-I and M-IV to initiate the field.</p> <p>The Chairman instructed Director (F) to look into the matter and resolve it. Director (F) informed the House that RCA of previous year will be adjusted soon and new RCA will be disbursed shortly.</p> <p style="text-align: right;">(Action: Director (F))</p> <p>Dy. DG, SU: P, H & HP informed the House that security service of Saketi Fossil Park will end on 31.05.2019. The file regarding this was initiated in February but till date no intimation has been received. OIC, AP&M Division replied that there is no budget to place tender on GeM.</p> <p>The Chairman advised Dy. DG, SU: P, H & HP to take approval for security on temporary basis.</p> <p style="text-align: right;">(Action: Dy. D.G, SU: P, H & HP; Director(F))</p> <p>Director & HoO, SU:J&K informed the House regarding requirement of 3 vehicles for NLSM Priority-II item in Ladakh. The Chairman assured him to discuss this matter later.</p> <p>Director & HoO, NCEGR, Faridabad informed the House that office requires more vehicle as there is only one vehicle in the office and there are 10 field items in this Field Season. The Chairman advised to submit the requirement.</p> <p style="text-align: right;">(Action: Director & HoO, NCEGR, Faridabad)</p> <p>Director & HoO, NCEGR, Faridabad also informed about the requirement of staff in the office. The chairman advised him to submit all the requirements in written to the HoO, NR and instructed HoO, NR to resolve the issue.</p> <p style="text-align: right;">(Action: Director & HoO, NR; HoO, Faridabad)</p>
Implementation of OCBIS modules	
XII_NR_RAC 29.07.01	<p>Director, Geodata informed the House about implementation of various modules of OCBIS. She informed the House that some modules like MMeP and stock entry in SU: J&K; Rajbhasha in SU:UK; Map issue module in SU:J&K, SU:UK and SU:P,H&HP are yet to start due to some technical issues. The Chairman advised to depute one person from Admin. Wing to run the OCBIS modules.</p> <p style="text-align: right;">(Action: Director, Geodata)</p>
Status of Procurement of Machinery and Equipments	
XII_NR_RAC 29.08.01	<p>OIC, AP&M Division informed the House that there is 100% utilization of funds received in previous Field season. He also informed that Resistivity, Conductivity and Chargeability instruments are received but there are some problems with the instruments and the supplying agency has not come to resolve the problems. The Chairman instructed to contact the supplying agency and resolve the issue.</p> <p style="text-align: right;">(Action: OIC, AP&M Division)</p> <p>OIC, AP&M Division also briefed that the sample cutting and grinding machine has been received and will be installed on suitable location. The AAS will be delivered by 31st May, 2019.</p>
Bhuvismvad	
XII_NR_RAC 29.09.01	<p>The Chairman discussed the activities under Bhuvismvad in detail as it is about to complete 300 days of VAQ. Nodal Officer, Bhuvismvad informed the House that till date 15 brochures has been distributed to 15 universities. Coffee table book on Antarctica is under review at CHQ. He informed that in last two months Bhuvismvad activity has picked the pace but some State Units needs to improve their activities under Bhuvismvad.</p> <p>Director, PSS suggested for compilation of all the notes on Bhuvismvad and its publication.</p>

	<p align="center">(Action: Nodal Officer, Bhuvisamvad; Director, Publication)</p> <p>Director, PSS informed that Additional Secretary will review the Bhuvisamvad activity on 1st June, 2019 and suggested to increase the activities under Bhuvisamvad.</p> <p align="right">(Action: All State Units)</p>
Rajbhasha	
XII_NR_RAC 29.10.01	<p>श्री शंभू नाथ, राजभाषा अधिकारी नें राजभाषा की त्रैमासिक समीक्षा प्रगति रिपोर्ट प्रस्तुत किया और अवगत कराया कि प्रशिक्षण संस्थान से प्राप्त 794 पन्नों के दस्तावेज़ का अनुवाद करा के 22 अप्रैल 2019 को प्रशिक्षण संस्थान को वापस सौंप दिया गया है उन्होने पिछले 10 वर्षों में प्रकाशित लेखों एवं पत्रिकाओ कि प्रतियाँ प्रस्तुत की उन्होने बताया कि भूसंदेश पत्रिका 2006 के बाद से 2018 में प्रकाशित हुई है </p> <p>उन्होने सभी अधिकारियों से आग्रह किया कि अगली भूसंदेश पत्रिका हेतु अपने लेख शीघ्र प्रस्तुत करें </p> <p align="right">(कार्यवाही: सभी संबन्धित)</p> <p>अध्यक्ष महोदय नें हिन्दी प्रभाग को और साफ सुथरा बनाने और प्रभाग के कार्यों एवं उपलब्धियों को प्रदर्शित करने का सुझाव दिया </p> <p align="right">(कार्यवाही: सम्पदा अधिकारी)</p>
Concluding remarks by the Chairman	
<p>The Chairman, in his concluding remarks, emphasized on the following points:</p> <ul style="list-style-type: none"> • Upgradation of various Laboratories is a need and procurement of state-of-the-art equipments / machinery/ instruments must be initiated. • OCBIS related problems should be identified and efforts to be made to resolve the problems. • Claims must be processed within a week time. • All the procurements must be done in time bound manner. • Shortcomings should be identified and remedial measures to be taken immediately. • Structured meetings should be held every month and issues / actions emerged to be targeted. • Rajbhasha progress is very good. Upgradation of Archieve suggested. • All supervisory officers, Dy. DG's, State Units to ensure the best camping facilities to the field teams by providing them timely recouped RCA/ NRCA funds; and other related material required for the establishment of state-of-the art camps and improved working conditions. • Implementation of VAQ recommendations and enhancement of Bhuvisamvaad programmes of Ministry of Mines must be ensured. 	
Vote of Thanks	
<p>The meeting ended with the Vote of Thanks proposed by Shri Rakesh Kumar, Dy. DG & RHM-II, GSI, NR.</p>	

List of Participants

Sl. No	Name	Designation
1.	Shri Som Nath Chandel	Additional Director General & HOD,GSI, NR, Lucknow
2.	Dr. G. C. Kandpal	Dy. Director General, SU:P,H & HP,GSI, NR, Chandigarh
3.	Dr. Rajesh Asthana	Dy. Director General & RMH-I & III GSI, NR, Lucknow
4.	Smt. Varsha A. Aglawe	Dy. Director General and RMH-IV, GSI, NR, Lucknow
5.	Shri Rakesh Kumar	Dy. Director General and RMH-II, GSI, NR, Lucknow
6.	Shri. Parvinder Singh Gill	Dy. Director General, SU:UP,GSI, NR, Lucknow
7.	Shri D.B. Ganvir	Dy. Director General, SU:J&K,GSI, NR, Jammu
8.	Shri Joy Gopal Ghosh	Dy. Director General, SU:Uttarakhand, GSI, NR, Dehradun
9.	Dr. Ravindra Kumar	Dy. Director General, NCEGR, Faridabad
10.	Dr. G. S. Tiwari	Director, PSS & Petrology Division, GSI, NR, Lucknow
11.	Shri S.P. Shukla	Director & HoO, NCEGR, Faridabad
12.	Shri Rajesh Joshi	Director & HoO, SU:J&K,GSI, NR, Jammu
13.	Shri Rajinder Kumar	Director & HoO, SU:P,H & HP,GSI, NR, Chandigarh
14.	Shri B.M. Gairola	Director & HoO, SU:Uttarakhand, GSI, NR, Dehradun
15.	Shri. Ram Jivan singh	Director, Earthquake Division, GSI, NR, Lucknow
16.	Smt. Kaumdi Joshi	Director & HoO, GSI, NR, Lucknow
17.	Shri D. Sen	Director (P&A), GSI, NR, Lucknow
18.	Shri P.S.Misra	Director, TC, Mission-II, GSI, NR, Lucknow
19.	Dr. Prasun Jana	Director, TC, Mission-IV, GSI, NR, Lucknow
20.	Shri Vivek D. Bhole	Director & CPIO, GSI, NR, Lucknow
21.	Smt. Champa Sensarma	Director, Publication Division and Palaeontology GSI, NR, Lucknow
22.	Smt. Deepali Kapoor	Director, Geodata Division, GSI, NR, Lucknow
23.	Shri Abhinandan Srivastava	Director, QG & Environmental Geology Division, GSI, NR, Lucknow
24.	Shri Hemant Kumar	Director, TC, SU:UP, GSI, NR, Lucknow
25.	Shri P. S. Pipal	Director, GT Lab, GSI, NR, Lucknow
26.	Shri Umesh Chandra Gautam	Director, Chemical Division, GSI, NR, Lucknow
27.	Smt. Jyoti Dubey	Suptdg. Geologist, M-I, NR, Lucknow
28.	Shri Bhrigu Shankar	Suptdg. Geologist, PGRS Division, GSI, NR, Lucknow
29.	Shri Rakesh Mishra	Suptdg. Geologist, Glaciology Division; CGPB & RP Cell, GSI, NR, Lucknow
30.	Shri S. K. Singh	Suptdg. Geophysicist, GSI, NR, Lucknow
31.	Shri Anil Kumar Singh	Suptdg. Geophysicist, GSI, NR, Lucknow
32.	Shri Om Prakash	Suptdg. Geophysicist, GSI, NR, Lucknow
33.	Shri K. N. Sinha	Suptdg. Engineer & Director (Finance)
34.	Shri Sanjay Chowdhary	EE (NFJAG) & OIC, AP & M Division, GSI, NR, Lucknow
35.	Shri R. P. Chowdhary	EE (NFJAG), GSI, NR, Lucknow
36.	Mrs. Seema Yadav	Sr. Geologist, QG & Environmental Geology Division, GSI, NR, Lucknow
37.	Smt. Sana Naqvi	Sr. Geologist, Publication Division, GSI, NR, Lucknow
38.	Smt ShaliniMaurya	Sr. Geologist, PSS Division, GSI, NR, Lucknow
39.	Dr. Guru Dayal Singh	Sr. Geologist, PSS Division, GSI, NR, Lucknow
40.	Shri S. P. Singh	Sr. Geologist, PSS Division & OIC, FAA Cell, GSI, NR, Lucknow
41.	Shri. Shambhu Nath .	Sr. Geologist, TC, SU: UP, GSI, NR, Lucknow
42.	Shri Manoj Kumar Shukla	Sr. Geologist, TCS Division, GSI, NR, Lucknow
43.	Shri R. K. Verma	Senior Chemist, GSI, NR, Lucknow
44.	Shri Vinay Singh	Senior Chemist, GSI, NR, Lucknow
45.	Shri Harsh Kumar Singh	STA, PSS Division, GSI, NR, Lucknow