

## 29वीं ओ ए सी बैठक के कार्यवृत्त

### Minutes of the 29<sup>th</sup> OAC Meeting

राज्य इकाई : पंजाब हरियाणा एवं हिमाचलप्रदेश, जी एस आई, चंडीगढ़

State Unit: P, H & HP, GSI, Chandigarh

The 29<sup>th</sup>\_OAC meeting of State Unit: Punjab, Haryana & Himachal Pradesh, was held on 12<sup>th</sup> April, 2019 under the Chairmanship of Dr. G. C. Kandpal, Deputy Director General, GSI, Chandigarh.

<b>XII_P,H &amp; P_OAC_29.01.00</b>	Sh. Rajinder Kumar, Director welcomed the Chairman Dr. G.C. Kandpal, Dy. Director General, SU: P, H & HP, Chandigarh, Directors, Superintending Geologists and officers present in the 29 <sup>th</sup> OAC meeting. Sh. Rajinder Kumar, apprised the house about the ongoing items of all the missions and also explained about the proposed items for the FS 2019-20.
<b>Opening remarks by the Chairman</b>	
<b>XII_PPHP_OAC_29.01.01</b>	In his inaugural address, the Chairman welcomed all the Supervisory officers and officers of SU: P, H & HP, Chandigarh. The Chairman interacted with officers and praised work done by all the officers under different missions and successful compilation of the NQT, target and field days during the FS 2018-19. Chairman suggested the officers to submit report within in stipulated time without compromising with quality. He also advised to peruse with the Chemical Laboratories for getting analysis results timely so that the same could be incorporated in reports for better interpretation and achieving quality of the reports. He also advised to study the sections, methodology and incorporate the study details in the reports. Chairman also emphasized that all the officers should use Hindi in official communications.
<b>FOLLOW UP ACTION OF XII_PHP_28<sup>th</sup>_OAC</b>	
	The Action Taken Report of the 28 <sup>th</sup> OAC meeting was discussed/ reviewed by the Chairman and approved by the house.
<b>REVIEW OF ITEMS, FSP 2018-19</b>	
<b>XII_PPHP_OAC_29.02.00</b>	<b>MISSION I- Project STM</b> <b>Shri P. S. Sethi, Director</b> apprised about two items under STM projects in Kullu and Chamba districts of Himachal Pradesh. In FS 2019-20 these two items will continue during this FS 2019-20, as was informed by the Supervisory Officer. <b>1. Shri Surendra Kumar, Senior Geologist</b> presented the work carried out under the item titled “Specialised Thematic Mapping to establish stratigraphic status of Chamba Formation and Bhadarwah Formation in parts of Chamba district, Himachal Pradesh and J&K” - <b>M1AGS-STM/NC/NR/SU-PHP/2018/22018</b> . Shri Surendra Kumar showed the snow ball textures. The Chairman advised to consult the literature on Palaeosol and advised to pursue for Dating as per the FSP targets. <b>2. Sh. Barri Satyanarayanan, Geologist,</b> presented the work under item “Tectonomagmatic evolution of Jeori-Wangtu-Bandal Gneissic Complex in parts of Kullu, Mandi, Shimla and Kinnaur districts, Himachal Pradesh” - <b>M1AGS-STM/NC/NR/SU-PHP/2018/22020</b> . Shri Satyanarayanan, informed that thin sections are awaits and the interpretation will be added soon. He also informed that as per the advice of Chairman, the samples of Pegmatite were also submitted for REE. Chairman suggested perusing the concern laboratory and incorporating the result in report. <b>Action: Supervisory Officer and Field officers Project: STM (P, H &amp;HP)</b>
<b>XII_PPHP_OAC_29.02.01</b>	<b>MISSION I- Project NGCM</b> Under GCM project in FS 2018-19 seven items were under taken by the State Unit:

Punjab, Haryana & Himachal Pradesh, Chandigarh.

**Sh. Rajinder Kumar, Director**, apprised about successful completion of two GCM items 19033 & 19035 under his supervision.

1. **Sh. Bhupender Singh Bura, Geologist** presented the work under item no. 19033 and he informed Petrified wood-fossil and leaf imprint found in sandstone of Jabalpur Formation of the Gondwana Supergroup from Patalkot area. References were consulted pertaining to these fossils which belong to *Elatocladus Jabalpurensis Coniferales* species under *Elatocladus* Genus. All the GCM samples have been submitted to the concerned laboratory. Their analysis results are awaited. Reports consulted in GSI CR Library lacks any such reporting in GCM or STM reports. Samples have been submitted at GSI CR for museum. Such samples were also given to the Palaeontology Division NR, Lucknow.
2. **Sh. Christy Tom, Geologist**, presented the work under item 19035. The Chairman advised to consult the literature on the intertrappeans and its significance on stratigraphic classifications of basalts.

The two GCM items (18982 & 19414) were under supervision of **Dr. Sanjay Wahi, Director**, after his transfer from GSI Faridabad in the last week of March 2019; these items were supervised by Dr. Satinder Dhilon, Superintending Geologist.

1. **Dr Nishat, Sr. Geologist**, presented the work carried out under the item 19892. She informed that all the NQT has been completed. She also informed that in her toposheet area, underground coal mining activities are present.
2. **Ms. Saweeta Kumari, Sr. Geologist**, presented the work carried out under the item 19414. She informed that as per the earlier quarry by the Chairman, the field party along with Dr. Sanjay Wahi visited AMD drilling camp (for Uranium) adjacent to their area of investigation. She also informed that in their area Gold panning activities has not been observed.

The Chairman advised to consult the literature on the transition zone between Middle and Upper Siwaliks for Uranium Mineralisation.

**Sh Ajay Nirwan, Director** apprised about successful completion of the three GCM items viz. 19032, 19036 & 19415.

1. **Ms Hemlet Gogoi, Geologist**, presented the work carried out under the item 19032 and informed that under this item target has been achieved and all the samples has been submitted to the respective laboratories.
2. **Ms Sujita Gnanaraj, Geologist**, presented the work carried out for the item 19036. She informed that under this item target has been achieved and all the samples has been submitted to the respective laboratories. She also informed that water of the area is good for drinking as per the analysis results.

The Chairman suggested to work out the variation in composition, if any, from the Water samples collected near limestone outcrop present in the area.

3. **Dr. Sandeep Kumar, Asstt. Geologist** presented the work carried out in item 19415. He informed under this item target has been achieved and all the samples have been submitted to the respective laboratories.

The Chairmen suggested to modify the geological map, if possible; and properly try to show the dyke in map.

	<b>Action: All the Supervisory Officers and Field officers Proj: NGCM (P, H &amp;HP)</b>
<b>XII_PPHP_OAC _29.02.02</b>	<p><b>MISSION II- Project Mineral Investigations</b></p> <p><b>Shri Navjeet Singh Nayyar, Director</b> gave a brief introduction about 3 items vide FSP code Numbers 17157, 17064 &amp;17059 in which investigations have been undertaken. He informed that in item 17059 all the target has been achieved whereas in item 17157 DM could not be taken up due to non-availability of the surveyor and in item 17064, drilling target could not be achieved due to slow progress of drilling work.</p> <ol style="list-style-type: none"> <li><b>1. Sh. Nitin Meena, Geologist,</b> presented the work of copper investigations (17157), in Kullu district of HP. He informed that except DM the entire target has been achieved and some test results have also been received in which results are promising. Chairmen suggested to superimpose the GPM and Geological map to check anomaly.</li> <li><b>2. Sh. Digvijay Raj, Senior Geologist,</b> presented the work of item <b>17064</b>. He informed that except drilling (522m achieved out of 2600m) all the targets has been achieved. Chairman suggested to show the clay bands in logs of Borehole.</li> <li><b>3. Sh. Amit Kumar, Senior Geologist,</b> presented the work done under item <b>17059</b>. He informed that all the targets have been achieved. He informed that as per the suggestion of the DDG, of SU:PH&amp;HP, the samples were sent for analysis well in time and results of 4 zones (84 samples) have been received and it is noticed that mineralization is more promising in Chert band and P<sub>2</sub>O<sub>5</sub> is 2% to more than 5%. The Chairman advised to get the precise values of P<sub>2</sub>O<sub>5</sub> in the samples analysed and discuss it with Chemical Lab.</li> </ol> <p><b>(Action: Supervisory Officer and Field officers Proj:MI/ME, M-II (SU: P, H &amp; HP)</b></p>
<b>XII_PPHP_OAC _27.02.03</b>	<p><b>MISSION III</b></p> <p><b>Dr. Satinder Dhillon, Suptdg. Geologist,</b> apprised about the work carried out in the Geoinformatics Divion.</p> <ol style="list-style-type: none"> <li><b>1. Smt. Renuka, Senior Geologist</b> presented the work of Geoinformatics Div including maintenance of LAN, VAN and Biometric attendance etc. Chairman enquired about the DRM of HP. She informed that all the 8-DRM of Himachal Pradesh have been completed and are in 4<sup>th</sup> level of scrutiny.</li> </ol> <p><b>(Action: Supervisory Officer and officer Proj: Geoinformatics Div. (P, H &amp; HP)</b></p>
<b>XII_PPHP_OAC _27.02.04</b>	<p><b>MISSION IV</b></p> <p><b>Dr. Atul Kohli, Suptdg. Geologist,</b> briefed about the 5 items of NLSM projects including one priority-II item. He informed that all the 5 items have been completed successfully with complete NQT.</p> <ol style="list-style-type: none"> <li><b>1. Mrs Renuka, Senior Geologist</b> presented the work carried out under the item number- 16830. She informed that in the area, four thrust present this could be the reason of the landslides in the area. Chairman suggested that correlation should be made for the slides in and around Dhaluadhar range.</li> <li><b>2. Ms Manisha Biswal, Geologist</b> presented the work carried out under the item16993. She informed that asper the study the area represents the 24% (350km) high hazard whereas 32% and 44% falls in moderate and low hazards respectively.</li> <li><b>3. Sh. Vinay Nabiyal, Senior Geologist</b> presented the work carried out under the item code 17008. He informed that prima facie that most of the slide in this area appears thrust controlled due to the slide. He also informed that 29% area is in</li> </ol>

	<p>high hazard, 19% is in moderate hazards and 52% falls in moderate and low hazards.</p> <p>4. <b>Sh. A. Ramesh Kumar, Geologist</b>, presented the work carried out under the item code 19520. He informed that all the targets with field days have been completed. He also informed that in the area 70% area falls in high hazards and needs checks. Chairman suggested that while presenting the work use the standard terminology as per SOP.</p> <p>5. <b>Sh. Kundan Digamber Rangari, Geologist</b> presented the work of Priority-II item no. 19494. He informed that all the targets have been completed. He informed that in this area 66% area is high hazards. Chairman suggested for marking the glaciated area in the map as per the SOP. <b>Action: Supervisory Officer and Field officers Proj: NLSM (P, H &amp;HP)</b></p>
<b>XII_PHHP_OAC _29.02.05</b>	<p><b>Shri Sanjiv Kumar, Director</b> apprised about the work done under 2 items (item codes 11904 and 12017). Under Hydro Projects, 4 projects were undertaken, whereas in communication projects one slide has been studied.</p> <p><b>Sh. Venugopal Krishana B., Geologist</b> and <b>Shri Virendra Singh Negi</b>, Assistant Geologist presented the work carried out in Luhri-II&amp; Luhri-III projects. Officers informed that on the basis of a major shear zone present in the powerhouse drift it is suggested to shift the location of Luhri-III powerhouse on the right bank. In Luhri-II due to delineation of the palaeochannel on the right bank 5 boreholes have been suggested to the project authorities to know the depth and extend of the palaeochannel. The officers also presented work of DPR stage work Adi Badri dam project and construction stage work of Shahpurkandi dam project. Besides, detailed study of one landslide has also presented by the officer. <b>Action: Supervisory Officer and Field officers of EG, Div. (P, H &amp;HP)</b></p>
<b>XII_PHHP_OAC _27.02.06</b>	<p><b>STSS Chemical Division.</b> <b>Smt. Neelu Bala, Sr. Chemist</b>, presented the work carried out by Chemical Division and informed that analysis of the samples is being done as per the strength of the officers and total analysis is being done more than the assigned target. <b>Action: Supervisory Officer and officers of Chemical Div. (P, H &amp;HP)</b></p>
<b>XII_PHHP_OAC _27.02.06</b>	<p>उपमहानिदेशक महोदय ने पिछली तिमाही में राजभाषा के कार्यों में प्रगति के लिए संतोष जताया तथा सभी अधिकारियों से अपील की, कि वह अपने रोज़मर्रा के कार्यों को अधिक से अधिक राजभाषा हिन्दी में करें। इससे राजभाषा के वार्षिक कार्यक्रम में दिये गए लक्ष्य से अधिक कार्य राज्य इकाई : पंजाब , हरियाणा एवं हिमाचल प्रदेश में हिन्दी में किया जा सके।</p>

In his concluding remarks, the Chairman praised the efforts put by the officers for successful completion of the assigned targets of FS 2018-19. He further suggested submitting the reports within stipulated time without compromising quality of the report. He also advised to peruse for getting the analysis result and the result should be interpreted as per the objective of the items.

The Chairman appreciated the overall presentation made by the officers and congratulated all the officers and respective supervisory to accomplish the FS 2018-19 in every front e.g. OAC, RAC and Term review. He requested the officers for initiation of the FSP items for 2019-20.

The meeting ended with a vote of thanks by Sh. Sanjeev Kumar, Director, Engg. Geology Division.

## List of Participants in XII\_P, H & HP\_29<sup>th</sup>\_OAC meeting

Sl. No.	Name	Designation	Sl. No.	Name	Designation
1.	Dr. G.C. Kandpal	Dy. Director General.	32.	Ms. Hemlet Gogoi	Geologist
2.	Dr. Sanjay Wahi	Director	33.	Sh. Qurban Ali	Geologist
3.	Sh. Rajinder Kumar	Director	34.	A Ramesh Kumar	Geologist
4.	Sh. Sanjiv Kumar	Director	35.	Sh. Kundan Digambar Rangari	Geologist
5.	Sh. Ajay Nirwan	Director	36.	Sh. Barri Satyannarayanan	Geologist
6.	Sh N. S. Nayyar	Director	37.	Sh. Nitin Mohan Meena	Geologist
7.	Sh P. Singh Sethi	Director	38.	Sh. Christy Tom	Geologist
8.	Dr. Satinder Dhillon	Suptg. Geologist	39.	Sh. A. Shiva Reddy	Geologist
9.	Dr. Atul Kohli	Suptg. Geologist	40.	Km. Sujita Gnanaraj	Geologist
10.	Dr. Vinod Kumar	Sr. Geologist	41.	Sh. Pradap Jagan R	Geologist
11.	Sh. D. P. Dangwal	Sr. Geologist	42.	Sh. Rajnish Kumar Singh	Geologist
12.	Smt. Rimjhim Singh	Sr. Geologist	43.	Dr. Sandeep Kumar	Asstt. Geologist
13.	Sh. Pawan Kumar	Sr. Geologist	44.	Smt. Ranjeeta Jha	Asstt. Geologist
14.	Dr. Nishat	Sr. Geologist	45.	Sh. Virender Singh Negi	Asstt. Geologist
15.	Smt . Renuka	Sr. Geologist	46.	Ms. Reena Karnwal	Asstt. Geologist
16.	Dr. Nusrat Eliyas	Sr. Geologist	47.	Smt. Neelu Bala	Sr. Chemist
17.	Smt. Jeena Mandal	Sr. Geologist	48.	Dr. Vinod Kumar	Sr. Chemist
18.	Sh. Amit Kumar	Geologist	49.	Sh. Mohar Singh	Chemist
19.	Sh Pankaj Kumar	Geologist	50.	Ms. Sonali Meena	Chemist
20.	Sh Surendra Kumar	Geologist	51.	Dr. Garima Kumari	Asstt. Chemist
21.	Smt Saweeta Kumari	Geologist	52.	Sh. Vinod Kumar Gupta	Asstt. Chemist
22.	Sh. Digvijay Raj	Geologist			
23.	Sh. Vinay Nabiyal	Geologist			
24.	Sh Ratikant Sikdar	Geologist			
	Rahul V.	Geologist			
25.	Gargi Rai	Geologist			
26.	Sh. Abhishek Kumar Singh	Geologist			
27.	Shri Bhupendra Singh Bura	Geologist			
28.	Ms. Maisha Biswal	Geologist			
29.	Smt Sabeeha	Geologist			
30.	Sh. Venu Gopala Krishna B	Geologist Geologist			
31.	Ms. Tripti Baba	Geologist			

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