



**Government of India**  
**Geological Survey of India**  
**State Unit: Tamil Nadu and Puducherry, Chennai**



**Minutes of the 2<sup>nd</sup> Operational Advisory Council (TNP\_OAC\_02\_2019-20) Meeting of State Unit:  
Tamil Nadu and Puducherry for the FS 2019-20, held on 17.09.2019 and 19.09.2019**

The 2<sup>nd</sup> OAC meeting of the State Unit: Tamil Nadu and Puducherry, GSI, Chennai was held on 17<sup>th</sup> and 19<sup>th</sup> September, 2019 at Mini Conference Hall, SU: TNP, GSI, Chennai under the chairmanship of Shri Amitava Kundu, Dy. Director General, SU: TN&P, Chennai. Supervisory officers, field officers and OIC's of APMD, MCPI, vehicle section, Estate cell and Chemical Division had attended the meeting.

<b>Para no.</b>	<b>Discussion</b>
<b>TNP_OAC_02_1.0</b>	<b>Welcome Address:</b> Shri J. Prabhakar, Director – Tech. Coordination, SU: TN & P., Chennai welcomed the Chairperson Shri Amitava Kundu, Dy. Director General and all the officers to the OAC meeting. He briefed about the status of initiation of field items of Mission-I, II and IV and informed that all the items of Mission-II (13 nos.) and STM (2 nos.) have been initiated and three Mission-IV items have also been initiated. The Director, TC appraised the house about the agenda of the meeting and major issues to be discussed. He has also stated that 46 nos. of items (NGCM = <b>20 nos</b> , STM = <b>6 nos</b> , M-II = <b>15 nos</b> and M-IV = <b>6 nos</b> .) have been proposed from SU: TNP, Chennai for the FS 2020-21.
<b>TNP_OAC_02_1.1</b>	<b>Introductory address by Chairman, OAC &amp; Dy. DG, SU: Tamil Nadu and Puducherry:</b> Shri Amitava Kundu, Dy. Director General, SU: TNP addressed the participants and advised all officers to initiate report writing of this field season (2019-20) well in advance so that the Supervisory officers would have enough time to scrutinize the reports. He has also discussed about the issues of vehicle outsourcing through GeM. The house appreciated for initiation of all the Mission – II items and the progress of the work. DDG insisted for timely completion of early initiation items and all other items to be completed by the second week of February, 2020.
<b>TNP_OAC_02_1.2</b>	<b>Action Taken reports of TNP_OAC_03_2018-19</b> The Director (TC) briefed about the minutes and action taken report of the 1 <sup>st</sup> OAC meeting (TNP_OAC_01_2019-20) and elaborate discussions were held on the action taken on each para. The minutes were accepted by the house.
<b>TNP_OAC_02_2.0</b>	<b>REVIEW OF PROJECTS MISSION WISE</b>
<b>TNP_OAC_02_2.1.1</b>	<b>Mission-I Projects:</b> Officers of the concern project presented the pre-field work carried out, work plan and status of field initiation. <b>Project: STM (Tirupur-25727)</b> The field officers presented the pre-field work carried out, work plan and regional field traverses carried out. The officers stated that as per the recommendation of I <sup>st</sup> OAC meeting, 27 nos. of unit cell samples (NGCM FS 2014-15) of corresponding composite samples with anomalous REE values were submitted to the Chemical Division, SR for analysis. The house advised the officers to i) collect the samples from pyroxenites for PGE analysis, ii) refer the articles from international journals and update the present status of the work of the area, iii) strategy for selection of samples for geochronological studies and iv) advised to judiciously select lithology for PCS and BRS. <p style="text-align: right;"><b>(Action: Supervisory Officer, STM (Thirupur)</b></p> <b>Project: STM (Kovilpatti-20508)</b> It was suggested to i) refer the literatures for the age of the khondalites, ii) update the present status of knowledge in respect of the Madurai Block, iii) compile the

	<p>age sequence of different litho packages, iv) rock types to be selected systematically for tectono-magmatic studies and EPMA studies to be taken with main emphasis to work out metamorphic evolution of the area.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, STM (Kovilpatti))</b></p>
<b>TNP_OAC_02_2.1.2</b>	<p><b>Project: NGCM</b></p> <p>All the field officers of NGCM items are requested to plan for water sampling well in advance and inform the OIC Chemical Division accordingly. The DDG informed the process for outsource of vehicle will be completed at the earliest.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer(s) , Project: NGCM)</b></p>
<b>TNP_OAC_02_2.1.3</b>	<p><b>Marine and Coastal Survey Division</b></p> <p>It was suggested to complete the process for outsource of boat for platform based drilling by November, 2019 and initiate the work by January, 2020.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, MCS Division)</b></p>
<b>TNP_OAC_02_2.2</b>	<p><b>Review of Mission – II projects:</b></p> <p>All the Mission-II items (13 nos.) have been initiated, the concerned field officers of the items presented the achievement details. The following suggestions were recommended item wise for implementation:</p> <p>i. As the particular chromitite band is not consistent throughout the block and the potential bands changes with profile, the officers were advised to plan a strategy to select target bands. It was also suggested the officers to complete the core skeletonization work of the project: PGE and Dunite before December, 2019.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, Project: PGE – T3 Sector)</b></p> <p>ii. The officers were advised to i) study the genesis of molybdenum and ii) to correlate the chronological sequence of mineralization with respect to the rift, shear and emplacement of quartz vein.</p> <p style="text-align: right;"><b>(Action: Director, Project: Molybdenum)</b></p> <p>iii. The house has suggested the officers to delineate the source rock of gold grains recovered from the stream sediment samples and to search for extension of gold potential areas for future work plan. The Director, Project: Gold requested for disbursement of RCA for the second officer.</p> <p style="text-align: right;"><b>(Action: Director, Project: Gold and Director &amp; HOO)</b></p> <p>iv. The officers were suggested to i) analyze the apatite grains for REE concentration, ii) plan for suitable ground geophysical survey and iii) systematic samples to be collected along the profile line as per the guidelines.</p> <p style="text-align: right;"><b>(Action: Director, Project: REE-Koratti)</b></p> <p>v. It was advised to systematically map the carbonatite and study the contact relationship with the associated lithology.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, Project: REE-Kambammettu)</b></p> <p>vi. The officers were advised to select the block for ground geophysical survey and complete at the earliest. The Director, Project: Basemetal requested for disbursement of RCA for the second officer and he has also specified that the item to be brought in draft mode for inclusion of names of geophysicist as per the deployment.</p> <p style="text-align: right;"><b>(Action: Director, Project: Basemetal and Director &amp; HOO)</b></p> <p>vii. It was suggested to complete the detailed mapping and LSM as early as possible for planning of further boreholes and advised to analyze the weathered dunite for Ni and Cr along with REE.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, Project: Dunite)</b></p>
<b>TNP_OAC_02_2.3</b>	<p><b>Review of Mission – III</b></p>
<b>TNP_OAC_02_2.3.1</b>	<p>The Suptdg. Geologist, MCPI Division appraised the committee about the status of final NGCM reports of FS 2014-15. The house advised the OIC MCPI Division to submit the printed reports of FS 2014-15 to the DDG and RMH-I, SR for approval and all the reports of FS 2015-16 to be finalized. It was insisted to make data back-up of all the important work components of SU: TNP at a regular interval and suggested to submit the modalities of the work plan. The DDG advised the OIC MCPI Division that one PC to be connected to LAN for sharing the literatures and</p>

	<p>documents among SUTNP officers. The OIC, MCPI Division requested for deployment of one MTS in MCPI Division to assist reprography work and report circulation.</p> <p style="text-align: right;"><b>(Action: Supervisory Officer, MCPI Division and Director &amp; HOO)</b></p>
<b>TNP_OAC_02_2.3.2</b>	<p><b>Implementation of OCBIS and issuance of tough pad</b></p> <p>The Nodal officer, OCBIS was advised to issue the tough pads to the applicable field officers and surrender the excess field devices (08 nos.) to the Geodata Division, SR immediately.</p> <p style="text-align: right;"><b>(Action: Nodal officer, OCBIS)</b></p>
<b>TNP_OAC_02_2.4</b>	<p><b>Review of Mission – IV Projects</b></p>
<b>TNP_OAC_02_2.4.1</b>	<p>The Director, Project: NLSM and EG, presented the work progress and highlights of the items. He has appraised the house that results of shear parameters of 26 UDS samples of the meso-sclae landslide item (item ID: 18630) to be received from Geotechnical Laboratory, SR which is vital parameter to test the model on meso-scale landslide mapping. He has also requested for 15 days of time to submit the final report from the date of receipt of the results of shear parameters.</p> <p style="text-align: right;"><b>(Action: Director, NLSM)</b></p> <p>The house has suggested to i) initiate process for procurement of bottles for water sample collection and ii) sort out the vehicle issues with OIC vehicle.</p> <p style="text-align: right;"><b>(Action: Director, Project: Urban Geochemistry)</b></p>
<b>TNP_OAC_02_3.0</b>	<p><b>Review of work carried out by the Chemical Division:</b></p> <p>Shri A. Koman, Senior Chemist briefed about the status of analysis of NGCM and non-NGCM samples. It was advised to ensure the deployment and work allocation of Chemists/Sr. Chemist and suggested to submit the status note on requirement of rooms and electrical connections for Chemical Division to ensure the smooth function. The OIC Chemical Division was suggested to identify the Chemist/Sr. Chemist to be associated the Project: Urban Geochemistry (ID: 25091) for water sample collection. The house has suggested to speed up the process for NABL accreditation for the Chemical laboratory, SU: TNP, Chennai.</p> <p style="text-align: right;"><b>(Action: OIC, Chemical Division)</b></p>
<b>TNP_OAC_02_4.0</b>	<p><b>BHUVISHAMVAD</b></p> <p>It was advised to i) prepare year calendar for the activities of BHUVISHAMVAD and ii) field officers to be engaged to sort out the available different rock samples at office premises and to be distributed to the schools with proper description and label.</p> <p style="text-align: right;"><b>(Action: Nodal Officer, Bhuvishamvad)</b></p>
<b>TNP_OAC_02_5.0</b>	<p><b>Parks and Museum</b></p> <p>Shri V Chandramouli, Superintending Geologist appraised the activity of Park and Museum Cell. It was suggested to i) regularly maintain the pathways and monument of Charnockite, St. Thomas Mount and ii) obtain appointment with Bishop of St. Thomas mount to resolve the issues. The officers of Park and Museum are advised to make regular visits to the Thiruvakkarai and Sathanur fossil wood parks to ensure the maintenance.</p> <p style="text-align: right;"><b>(Action: Nodal Officer, Park and Museum)</b></p>
<b>TNP_OAC_02_6.0</b>	<p><b>Vehicle Section</b></p> <p>The OIC Vehicle appraised the status of deployment of vehicle to the field parties for the FS 2019-20. It was advised to i) deploy the available vehicles to drop off camp items of NGCM projects in the first week of October, 2019, ii) speed up the process for outsource field vehicles and submit the status note, iii) prepare the vehicle(s) for Fitness Certificate (FC) and plan to utilize headquarter vehicle for field visits, if required and iv) speed up the process to repair the field vehicle deployed in Project: Lignite.</p> <p style="text-align: right;"><b>(Action: OIC, Vehicle Section)</b></p>
<b>TNP_OAC_02_7.0</b>	<p><b>Estates</b></p> <p>The estate officer was suggested to i) take necessary steps to resolve the water</p>

	<p>leakage issues of the remaining points at the earliest, ii) acquire metro water connection to the office, iii) obtain necessary sanction from the ADG and HOD, SR for payment of service charges to Cantonment Board, Chennai and iv) obtain necessary permission from ADG and HOD, SR for horticulture development work in the office premises through CPWD, Chennai.</p> <p style="text-align: right;"><b>(Action: Estate Officer)</b></p>
<b>TNP_OAC_02_8.0</b>	<p><b>Review of the financial matters:</b>  The Director &amp; HOO, SU: TNP briefed the house about the disbursement of RCA to the field parties and fund position under various heads. He has informed that RCA has been disbursed to all Mission- I and II items and three Mission-IV items.</p> <p style="text-align: right;"><b>(Action: Director &amp; HOO, SU: TNP)</b></p>
<b>TNP_OAC_02_9.0</b>	<p><b>Vote of thanks</b>  The meeting concluded with the vote of thanks to the Chairperson, participants and supporting staff by Shri P. Srinivasan, Director and HOO, SU: TNP, Chennai.</p>

## List of Officers participated in TNP\_OAC\_02\_2018-19

S. No.	Name	Designation
1	Shri Amitava Kundu,	Deputy Director General
2	Shri P. Srinivasan	Director
3	Shri J. Prabhakar	Director
4	Shri K. Aravind	Director
5	Shri S.B. Vijay Kumar	Superintending Geologist
6	Shri V. Chandramouli	Superintending Geologist
7	Dr. T.S.Giritharan	Superintending Geologist
8	Shri C.K. Raja	Superintending Geologist
9	Shri S N Mariappan	Superintending Geologist
10	Dr V.Kumaravel	Senior Geologist
11	Shri Hijaz Basheer	Senior Geologist
12	Shri Balakrishnan S	Senior Geologist
13	Smt C.S. Lakshmy	Senior Geologist
14	Smt. R. Geetha Rani	Senior Geologist
15	Shri B. Lakshminarayanan	Senior Geologist
16	Shri Ram prasad	Senior Geologist
17	Shri P.Vasu	Senior Geologist
18	Shri K. Sivakumar	Senior Geologist
19	Shri S.Velladurai	Senior Geologist
20	Shri D. Ravichandran	Senior Geologist
21	Smt. Nibedita Sahoo	Senior Geologist
22	Smt Raheela S H	Senior Geologist
23	Ms. Sushmita C	Geologist
24	Shri Sarmistha Patel	Geologist
25	Shri Gaurav Chand	Geologist
26	Shri Atul Bhatia	Geologist
27	Shri Gourav Agarwal	Geologist
28	Smt Pratikshya Mishra	Geologist
29	Shri Alok Das	Geologist
30	Shri Saurabh Sinha	Geologist
31	Shri Subha Roy	Geologist
32	Shri GangaPrasad Bhartiya	Geologist
33	Shri Prasanjit Bhuyan	Geologist
34	Shri Abhishek Kumar Pankaj	Geologist
35	Shri Ravikant Jain	Geologist
36	Shri Nikhil Subash Bansode	Geologist
37	Shri K. Muthamil Selvan	Asst. Geologist
38	Shri A. Koman	Senior Chemist
39	Shri A. Puviarasu	Senior Chemist
40	Smt B. Vishnu Priya	Sr. Private Secretary