

**MINUTES OF THE TERM REVIEW MEETING (FS 2018-19 NGCM Items) HELD AT GSI,
CENTRAL REGION, NAGPUR on 25th JANUARY & 07th February' 2019**

The Term Review meeting (FS 2018-19 NGCM Items) was held on 25th January and 07th February' 2019 at Fermor Hall, GSI, Central Region, Nagpur. Shri Godise Vidya Sagar, ADG & HOD, GSI, CR chaired the meeting. Shri. M V Dhakate, Director, PSS, CR has briefed about the items to be reviewed. The meeting was co-chaired by Shri S. N. Meshram, ADG & NMH-I, CHQ, Dr. Ravindra Kumar, DDG & RMH-I, CR graced the meeting. Shri. G. K Kesari, DDG & NMH-IA; Shri. S. K. Dash, Director, M-IA; Shri. Saudipta Chattopadhyay, Director, P&M-7; Shri. N K Sarkar, Director, P&M-I participated through video-conferencing from CHQ, Kolkata. Shri. Manohar Fulmari, DDG (Retd.), Ex-GSI participated as an external expert from Central Region. Delegates from State Maharashtra, Madhya Pradesh, Chhattisgarh and Senior officers from CHQ, Kolkata also attended the meeting.

Recommendations/Comments of Mission-IA, NGCM Items of Central Region

1	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20082
	Title	Geochemical Mapping in parts of TS no. 64J/7 in Bilaspur and Korba districts, Chhattisgarh.
	Name of the Officer	Fozail Akhtar, Geologist
	Supervisory Officer	TARACHAND GOVINDA MOHANKAR
	Name of Presenter	Fozail Akhtar, Geologist
	Recommendations/Comments	Presentation is good. Physical targets achieved as per NQT. Collection of water samples must be completed within stipulated time.
2	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/19962
	Title	Geochemical Mapping in Toposheet no. 64F/10 in parts of Mandla district of M.P. and Mungeli district of Chhattisgarh.
	Name of the Officer	Aneesh S S, Geologist Mahesh Thirumala, Asst. Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Aneesh S S, Geologist
	Recommendations/Comments	Very good presentation. Physical targets achieved as per NQT. Timely submission of samples should be ensured. The toposheet is covered with varied lithology viz. Chotanagpur Gneiss Complex (CGC), Bilaspur-Raigarh – Sirguja (BRS) belt, Lower Gondwana & Deccan trap. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
3	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/19860

	Title	Geochemical Mapping in Toposheet no. 64G/12 in parts of Raipur district of Chhattisgarh.
	Name of the Officer	Himanshu Dhyani, Geologist Jasmine Mohanty, Geologist
	Supervisory Officer	CH DURGA RAO
	Name of Presenter	Himanshu Dhyani, Geologist
	Recommendations/Comments	Very good presentation. Prorata target achieved as per NQT and the item is progressing well.
4	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20090
	Title	Geochemical Mapping in Toposheet no. 64J/01 in parts of Bilaspur and Korba districts of Chhattisgarh state.
	Name of the Officer	Prashant P Kalpande, Senior Geologist (upto Sept'2018) Subhajit Das, Geologist Manash Protim Baruah, Geologist. (w.e.f 15/10/2018)
	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Subhajit Das, Geologist
	Recommendations/Comments	Presentation is good. Physical targets achieved as per NQT and composite samples submitted as per time schedule. Carbonate bodies have been reported. It was advised to consult old reports in connection to new findings.
5	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20091
	Title	Geochemical Mapping in Toposheet no. 64N/02 in parts of Raigarh, Surguja and Korba districts of Chhattisgarh state.
	Name of the Officer	Rajesh Kumar Pradhan, Senior Geologist Rajvardhan Kumar, Asstt.Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Rajesh Kumar Pradhan, Senior Geologist
	Recommendations/Comments	Presentation is good. Physical targets achieved as per NQT. Sulphide mineralisation in granite gneiss is to be studied in detail. Thin sections studies recommended.
6	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20092
	Title	Geochemical Mapping in T.S. No. 64I/03 of Korea district, Chhattisgarh and Shahdol district of Madhya Pradesh.
	Name of the Officer	Sourav Khan, Senior Geologist Sneha Bhaumik, Geologist.
	Supervisory Officer	PRASHANT P KALPANDE

	Name of Presenter	Sourav Khan, Senior Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Supervisory officer needs to ensure proper supervision with adequate field visits. New findings such as Manganese mineralization and good quality coal reported which should be confirmed by consulting old reports.
7	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20096
	Title	Geochemical Mapping in T.S. No. 64M/1 of Balrampur and Surajpur districts of Chhattisgarh and Sonbhadra district of Uttar Pradesh.
	Name of the Officer	Gautam Saxena, Geologist Vijayendra Vikram, Assistant Geologist
	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Gautam Saxena, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Timely submission of samples should be ensured. Supervisory officer needs to ensure proper supervision with adequate field visits. Collection of water samples to be ensured as per time schedule.
8	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20097
	Title	Geochemical Mapping in Toposheet no. 64H/01 in parts of Balod district of Chhattisgarh.
	Name of the Officer	Lalita Yadav, Geologist Niharika Mohanta, Geologist
	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Lalita Yadav, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Field days of Lalita Yadav, Geologist are to be completed as per NQT. Reported Glauconite mineralization should be confirmed by consulting previous reports if any. It was recommended to work out the dimension of Glauconite mineralization. It is also suggested to study a few thin sections and estimate its percentage by using point counter.
9	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/19984
	Title	Geochemical Mapping in Toposheet no. 64N/07 in parts of Raigarh district, Chhattisgarh.
	Name of the Officer	Mondeep Kaushik, Geologist Iqbal Manuwar, Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN

	Name of Presenter	Mondeep Kaushik, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Timely submission of samples should be ensured.
10	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/19862
	Title	Geochemical Mapping in Toposheet no. 64G/16 in parts of Raipur district of Chhattisgarh.
	Name of the Officer	Kiranjit Singha, Geologist Priyanka Jha, Geologist
	Supervisory Officer	CH DURGA RAO
	Name of Presenter	Kiranjit Singha, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT and work is progressing well. Elemental dispersion pattern should be correlated with adjacent toposheet while writing the report. Also correlate the magnetic anomalies of the area.
11	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20084
	Title	Geochemical Mapping in Toposheet no. 64N/12 in parts of Raigarh district of Chhattisgarh and Sundargarh district of Odisha.
	Name of the Officer	Smt Sangeeta, Sr Geologist (Joined field on 6.1.2019 in place of senior officer Anoop Shukla) Arnab Sengupta, Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Smt. Sangeeta Sr. Geologist
	Recommendations/Comments	Good presentation. Prorata target achieved as per NQT. Comments of the Supervisory officer not given in the MTR material submitted. The toposheet is covered with varied lithology viz. Chotanagpur Gneiss Complex (CGC), Lower Gondwana & Gangpur group. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
12	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20081
	Title	Geochemical Mapping in Toposheet 64I/13 in parts of Surajpur and Balrampur districts of Chhattisgarh, Mirzapur District of Uttar Pradesh and Sidhi district of Madhya Pradesh.
	Name of the Officer	Sandeep Baruah, Geologist Avinash Kumar Gautam, Asstt. Geologist

	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Sandeep Baruah, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Collection of water samples to be ensured during the field work of current field season. Reported old working (galena) are to be rechecked for mineralization. Quartz and pegmatite veins are also to be checked for mineralisation if any.
13	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20077
	Title	Geochemical Mapping in Korba, Janjgir-Champa & Raigarh districts, Chhattisgarh (Toposheet No. 64J/16).
	Name of the Officer	Sanjib Bhoi, Sr.Geologist Kalanand Bharati, Geologist
	Supervisory Officer	TARACHAND GOVINDA MOHANKAR
	Name of Presenter	Sanjib Bhoi Sr. Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT and item is progressing well. Refer old reports for any mineral reported by earlier worker in the Toposheet.
14	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20076
	Title	Geochemical Mapping in T.S. No. 64J/02 of Bilaspur & Korba districts, Chhattisgarh.
	Name of the Officer	D. K. Gandre, Sr. Geologist Krishna Kumar, Asst. Geologist
	Supervisory Officer	TARACHAND GOVINDA MOHANKAR
	Name of Presenter	D.K. Gandre, Sr. Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT and item is progressing well. The toposheet is covered with varied lithology viz. Chotanagpur Gneiss Complex (CGC), Bilaspur-Raigarh–Sirguja (BRS) belt and Lower Gondwana. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
15	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/16709
	Title	Geochemical Mapping in T.S. No. 64N/15 of Jashpur and Raigarh districts of Chhattisgarh and Sundargarh district of Orissa
	Name of the Officer	Vijay Chandra, Geologist Shakti Dhage, Geologist

	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Vijay Chandra, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Field officers need to ensure adequate field days. Reported malachite specs or Azurite strains in Chhotanagpur Gneissic Complex to be studied in detail. Also advise to check for Tungsten and Sheelite.
16	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/19859
	Title	Geochemical Mapping in Toposheet no. 64F/11 in parts of Mandla district of M.P. and Mungeli district of Chhattisgarh.
	Name of the Officer	Ramoutar Singh, Geologist Shashi Bhushan, Asst. Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Ramoutar Singh, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. The toposheet is covered with varied lithology viz. Chotanagpur Gneiss Complex (CGC), Nandgaon Group, Chilpi Group and Deccan Trap. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
17	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/16706
	Title	Geochemical Mapping in Toposheet 64M/08 in Surguja District, Chhattisgarh
	Name of the Officer	Gaurav Mishra, Geologist Bhawesh Kumar, Assistant Geologist
	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Gaurav Mishra, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Advised to study graphide bearing phyllite and copper sulphide mineralisation in detail. In Graphite bearing rock look for metallic association. Further advised to consult literature/previous reports. Carry out bed rock sampling and if any findings are positive then submit a note to NMH-II. Also check for Carbon phyllite.
18	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20098
	Title	Geochemical Mapping in toposheet no. 64O/5 in parts of Raigarh & Janjgir districts, Chhattisgarh.

	Name of the Officer	Aliva Mahato, Geologist Snigdha Dash, Geologist
	Supervisory Officer	PRASHANT P KALPANDE
	Name of Presenter	Aliva Mahato, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT and item is progressing well.
19	Item Code No.	M1AGCS-GCM/NC/CR/SU-CG/2018/20089
	Title	Geochemical Mapping in Toposheet no. 64F/13 in parts of Bilaspur district of Chhattisgarh and Shahdol district of Madhya Pradesh.
	Name of the Officer	Itishree Swain, Geologist Govind Chaurasia, Asst. Geologist
	Supervisory Officer	SATISH CHANDRA SAWAIYAN
	Name of Presenter	Itishree Swain, Geologist
	Recommendations/Comments	Presentation is very good. Presentation is very good. Prorata target achieved as per NQT. Advised the officer to collect the shear zone samples for thin section studies. Advised to consult the literature/report and try to find any significant mineralization. Also plot it in map.
20	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16205
	Title	Geochemical Mapping in Toposheet 55 I/04 in parts of Raisen district of Madhya Pradesh.
	Name of the Officer	Ashish Kumar Jha, Senior Geologist Koyel Bhatta, Senior Geologist
	Supervisory Officer	ARCHANA DHARMENDRA WASNIK
	Name of Presenter	Ashish Kumar Jha, Senior Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Malachite stained samples are to be submitted for petrological studies. Also advised to collect a few Bed rock samples.
21	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16189
	Title	Geochemical Mapping in Toposheet 54J/16 in parts of Datia and Bhind districts of Madhya Pradesh and Jalaun District of Uttar Pradesh.
	Name of the Officer	Ankit Jain, Geologist Rohit Kumar Singh, Assistant Geologist
	Supervisory Officer	SUBHASH BANERJEE
	Name of Presenter	Ankit Jain, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Collection of water samples to be ensured as per

		NQT.
22	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16161
	Title	Geochemical Mapping of Toposheet 54H/13 in parts of Guna and Shivpuri districts, Madhya Pradesh,
	Name of the Officer	M.A. Siddiqui, Geologist Ebadur Rahman, Assistant Geologist
	Supervisory Officer	SUBHASH BANERJEE
	Name of Presenter	M.A. Siddiqui, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Final modelling should be done according to Geological environment considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varried geological environment while writing the report. Refer earlier reports.
23	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16192
	Title	Geochemical Mapping in Toposheet 55E/15 in parts of Vidisha and Raisen districts of Madhya Pradesh.
	Name of the Officer	Biswabara Panda, Geologist Sadaf Khan, Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Biswabara Panda, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Advised the officer to submit the petrological samples for thin section study.
24	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/20546
	Title	Geochemical Mapping in Toposheet 46J/12 in parts of Dhar, west Nimar (Khargone) &Jhabua districts of Madhya Pradesh.
	Name of the Officer	Sourav Mukhopadhyay, Geologist Anirudh Dubey, Assistant Geologist
	Supervisory Officer	BHUPENDRA SINGH
	Name of Presenter	Sourav Mukhopadhyay, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Only one water sample collected by the officer. Collection of water samples to be ensured as per NQT.
25	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/20554
	Title	Geochemical Mapping in Toposheet 55 I/16 in parts of Narsimhapur, Raisen&Sagar districts of Madhya Pradesh.

	Name of the Officer	Kirti Kiran Kispotta, Geologist Arpita Srivastava, Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Kirti Kiran Kispotta, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Timely submission of stream sediment samples and BRS should be ensured for chemical analysis and petrological studies, respectively.
26	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16207
	Title	Geochemical Mapping in Toposheet 55J/09 covering parts of Narasimhapur and Hoshangabad district, Madhya Pradesh.
	Name of the Officer	Sounav Karmi, Geologist Sibani Kumari Nayak, Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Sounav Karmi, Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Comments of the Supervisory officer are not given in the Term Review Material. Supervisory officer needs to ensure proper guidance to the field officers for better field work.
27	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16216
	Title	Geochemical Mapping in Toposheet 55J/13 covering parts of Narasinghpur and Hoshangabad districts, Madhya Pradesh.
	Name of the Officer	Mohd Bilal, Geologist Mohammad Irshad, Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Mohd. Bilal, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Timely submission of stream sediment samples and BRS should be ensured for chemical analysis and petrological studies, respectively.
28	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/20545
	Title	Geochemical Mapping in Toposheet 46I/11 in parts of Ratlam district of Madhya Pradesh & Banswara district of Rajasthan.
	Name of the Officer	Raju Agrawal, Geologist Lakshmi Kant Sharma, Asst. Geologist

	Supervisory Officer	BHUPENDRA SINGH
	Name of Presenter	Raju Agrawal, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Comments of Supervisory officer not given in term review material. Please consult toposheet of Rajasthan in the BCG complex and it should be considered while modelling.
29	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/16213
	Title	Geochemical Mapping in Toposheet 55N/01 covering parts of Narsimhapur and Chhindwara Districts, Madhya Pradesh.
	Name of the Officer	Ahmad Khan, Asst. Geologist Mohammad Shahid, Asst. Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Ahmad Khan, Asst. Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Collection of regolith and water samples to be ensured as per NQT. Submit the petrological samples for petrology study. The toposheet is covered with varied lithology. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
30	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-BHO/2018/20555
	Title	Geochemical Mapping in Toposheet 46N/03 in parts of Dhar district of Madhya Pradesh.
	Name of the Officer	Soumya Snehasis, Geologist Satbeer Singh, Geologist
	Supervisory Officer	BHUPENDRA SINGH
	Name of Presenter	Soumya Shehasis, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Proper collection of water samples to be ensured. Comments of Supervisory officer not given in MTR material. Jhabua gneissic complex to be checked for mineralisation point of view. Also consult adjacent toposheets for mineralisation if any. The toposheet is covered with varied lithology. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern

		should be correlated with varied geological environment while writing the report.
31	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/20538
	Title	Geochemical Mapping in toposheet No 55J/10 in Chhindwara, Hoshangabad and Narsimhapur districts of Madhya Pradesh.
	Name of the Officer	Biswaranjan Sahoo, Geologist Hasan Majaz, Asst. Geologist
	Supervisory Officer	R N RAVIDAS
	Name of Presenter	Biswaranjan Sahoo, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Advised to submit the petrological samples for petrology study. The toposheet is covered with varied lithology. In view of varied geological environment, final modelling should be done accordingly considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
32	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/20539
	Title	Geochemical Mapping in toposheet 46J/15 in Dhar District, Madhya Pradesh.
	Name of the Officer	Alok Mishra, Assistant Geologist Avinash Shukla, Assistant Geologist
	Supervisory Officer	BHUPENDRA SINGH
	Name of Presenter	Alok Mishra, Asstt. Geologist
	Recommendations/Comments	Presentation is good. Prorata target achieved but only one water sample collected during the field work. Collection of water samples to be ensured as per NQT. Comments of Supervisory officer not given in MTR material.
33	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/21168
	Title	Geochemical Mapping of toposheet No. 55N/09 in parts of Jabalpur, Narsinghpur and Seoni districts, Madhya Pradesh.
	Name of the Officer	Atif Faheem, Geologist. Atul Kumar Rastogi, Asst. Geologist.
	Supervisory Officer	SANDIP NANDY
	Name of Presenter	Atif Faheem, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT.
34	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/21357

	Title	Geochemical Mapping in toposheet 63L/02 in Sidhi and Rewa districts, Madhya Pradesh and Mirzapur District, Uttar Pradesh.
	Name of the Officer	Mohammad Khatib Khan, Geologist Mr. Kuldeep Singh, Asstt. Geologist
	Supervisory Officer	AROBINDO BISWAS
	Name of Presenter	Mohammad Khatib Khan
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Advised to ensure collection of PS samples and to be submit the same for petrological studies. Gluconite is reported for the first time. This reporting has to be highlighted and its dimension need to be mentioned.
35	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/19867
	Title	Geochemical Mapping of toposheet No. 55M/11 in parts of Damoh and Jabalpur districts, Madhya Pradesh.
	Name of the Officer	Archana Prakash, Geologist Neeti Gupta, Geologist
	Supervisory Officer	SUPARNA HAZRA
	Name of Presenter	Archana Prakash Geologist
	Recommendations/Comments	Presentation is very good. All the target achieved as per NQT.
36	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/20524
	Title	Geochemical Mapping in toposheet No 64A/13 in Katni, Satna and Shahdol districts of Madhya Pradesh.
	Name of the Officer	Smt. Kabita Mandal (Geologist) Shri Saikat Mondal (Geologist)
	Supervisory Officer	DIPAK HAZRA
	Name of Presenter	Smt. Kabita Mandal, Geoologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Mahakoshals to be checked for gravity and magnetic anomaly in adjacent toposheets. In addition to Geology, mineralization and anomaly value of NGCM of adjacent toposheet if any to be checked.
37	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/20525
	Title	Geochemical Mapping in toposheet No 64F/09 in Mandla and Shahdol districts of Madhya Pradesh.
	Name of the Officer	Maneesh Lal M, Geologist Khushnavi, Assistant Geologist
	Supervisory Officer	DIPAK HAZRA

	Name of Presenter	Maneesh Lal MGeologist
	Recommendations/Comments	Presentation is very good. All the targets as per NQT achieved. Advised that objectives of the item should not be changed/modified as given in the MTR material.
38	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/21090
	Title	Geochemical Mapping of Toposheet No. 64 E/10 in parts of Shadol District of M.P. and Surguja District of Chhattisgarh.
	Name of the Officer	R. K. Ahirwar, Geologist Sujeet Kumar, Asstt. Geologist
	Supervisory Officer	SANDIP NANDY
	Name of Presenter	R.K. Ahirwar, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target as per NQT achieved. Proper collection of samples and timely submission to be ensured.
39	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16266
	Title	Geochemical Mapping in Toposheet 64A/01 in parts of Jabalpur and Panna districts, Madhya Pradesh.
	Name of the Officer	Vikas, Geologist Shubham Billawria, Asst. Geologist
	Supervisory Officer	AJAY KUMAR TALWAR
	Name of Presenter	Vikas, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT.
40	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16268
	Title	Geochemical Mapping in Toposheet 64I/05 (B2, C2, A3, B3 and C3 quadrant) and 63H/08 (A3, B3 and C3 quadrant) in parts of Singrauli and Shahdol districts in Madhya Pradesh and part of Sarguja district Chhattisgarh.
	Name of the Officer	Gatikrishna Sahoo, Geologist Gautam Raj Singh, Assistant Geologist
	Supervisory Officer	CHITTA RANJAN BARMAN
	Name of Presenter	Gatikrishna Sahoo, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT.
41	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16034
	Title	Geochemical mapping in Toposheet 63D/06 in parts of Panna and Satna districts, Madhya Pradesh.

	Name of the Officer	Vanit Vijaybhai Patel, Geologist. Abhinav K. Gaurav, Asst. Geologist.
	Supervisory Officer	CHITTA RANJAN BARMAN
	Name of Presenter	Vanit Vijaybhai Patel, Geologist.
	Recommendations/Comments	Presentation is good. Prorata target achieved as per NQT. Sample submission to be ensured on regular basis.
42	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16115
	Title	Geochemical Mapping in Toposheet no. 64A/07 in parts of Katni and Jabalpur districts, Madhya Pradesh.
	Name of the Officer	Abhinav Kumar, Geologist Geeta Bind, Geologist
	Supervisory Officer	SUPARNA HAZRA
	Name of Presenter	Abhinav Kumar, Geologist
	Recommendations/Comments	Presentation is very good. All the prorata target achieved as per NQT and timely submission of samples to be ensured. Advised to refer old reports for known mineralization if any in the adjoining areas and toposheets.
43	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16037
	Title	Geochemical Mapping in Toposheet 55M/07 in parts of Damoh, Jabalpur and Sagar districts, Madhya Pradesh.
	Name of the Officer	Shilpa P Mandlik, Geologist PrachiNareliya, Geologist
	Supervisory Officer	SUPARNA HAZRA
	Name of Presenter	Shilpa P. Mandlik, Geologist
	Recommendations/Comments	Presentation is very good. All the prorata target achieved as per NQT and timely submission of samples to be ensured. Reported occurrences to be revisited with adjoining toposheets and old reports to be consulted.
44	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16104
	Title	Geochemical Mapping in Toposheet 63H/03 in parts of Satna and Rewa districts, Madhya Pradesh.
	Name of the Officer	Alok Kumar, Geologist Nitin Kumar Vishwakarma, Assistant Geologist
	Supervisory Officer	AJAY KUMAR TALWAR
	Name of Presenter	Ashok Kumar, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT.
45	Item Code No.	M1AGCS-GCM/NC/CR/SU-MP-JAB/2018/16081

	Title	Geochemical mapping in Toposheet no. 63H/12 in parts of Sidhi and Shadol districts, Madhya Pradesh.
	Name of the Officer	Anuj Kumar, Geologist Rajnish Kumar, Asst. Geologist
	Supervisory Officer	AJAY KUMAR TALWAR
	Name of Presenter	Anuj Kumar, Geologist
	Recommendations/Comments	Presentation is very good. All the Prorata target achieved as per NQT.
46	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/19725
	Title	Geochemical Mapping in Toposheet 64C/05 in parts of Balaghat district, Madhya Pradesh.
	Name of the Officer	Abhisekh Kumar Das, Geologist C. Sree Kaushik, Geologist Vijesh A, Geologist (up to 31/07/2018) Sandip Kheole, Sr. Geologist (up to 26/11/2018)
	Supervisory Officer	ASSISAN BARLA
	Name of Presenter	Abhisekh Kumar Das, Geologist
	Recommendations/Comments	Presentation is excellent. Prorata target achieved as per NQT. The officer is advised to study highly mineralized zone properly. Samples from adjoining areas may be collected for metallic mineral if any. Advised to correlate it with geochemical dispersion pattern. Consult old references to check for kyanite occurrence reported earlier. Geometry & Dimension ie. continuing of shear zone to be mentioned. Carry out XRD, if any positive indication then further samples may be collected.
47	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16542
	Title	Geochemical Mapping in Toposheet 55L/16 in Yavatmal and Chandrapur districts, Maharashtra
	Name of the Officer	Shruti Shukla, Geologist Samridhi Srivastava, Geologist
	Supervisory Officer	M R ASOKA KUMAR
	Name of Presenter	Shruti Shukla, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. Submission of samples for chemical analysis to be ensured.
48	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16508
	Title	Geochemical Mapping in T.S. No 64 C/02 in parts Balaghat district, Madhya Pradesh and Bhandara, Gondia districts, Maharashtra

	Name of the Officer	Pratibha Sahu, Geologist Anindita Mahanta, Geologist
	Supervisory Officer	ASSISAN BARLA
	Name of Presenter	Pratibha Sahu, Geologist
	Recommendations/Comments	The presentation is very good. Prorata target achieved as per NQT. Consult old references to check for sulphide mineralization in a ferruginous quartz vein. Advised the officer for proper study of Mineral reported earlier, check its extension, in nearby area.
49	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/19728
	Title	Geochemical Mapping in Toposheet no. 64C/09 in parts of Balaghat district, Madhya Pradesh
	Name of the Officer	Sanjay H Bari, Sr. Geologist Kannan J Prakash, Geologist
	Supervisory Officer	BISWAJIT GANGOPADHYAY
	Name of Presenter	Sanjay H. Bari, Sr. Geologist
	Recommendations/Comments	Presentation is very good. All the prorata target achieved as per NQT. Look for possible occurrences of mineralisation in reference any structural control. Check available legacy data ie. NGPM data for Geophysical anomaly.
50	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/20199
	Title	Geochemical Mapping in Toposheet 55P/02 in parts of Nagpur, Wardha and Chandrapur districts, Maharashtra.
	Name of the Officer	Neetu Shri, Geologist Aatreyyee Sharma, Geologist
	Supervisory Officer	SUSHREE MISHRA
	Name of Presenter	Neetu Shri, Geologist
	Recommendations/Comments	Presentation is very good. All the prorata target achieved as per NQT and work is in progress. Advised to refer old reports for reported mineralisation, if any.
51	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/19718
	Title	Geochemical mapping in Toposheet No. 64D/03 in Gadchiroli district, Maharashtra.
	Name of the Officer	Vijesh A, Geologist Shimla P, Geologist
	Supervisory Officer	SUSHREE MISHRA
	Name of Presenter	Vijesh A, Geologist
	Recommendations/Comments	Presentation is excellent. Prorata targets achieved as per NQT. Advised for proper studies of quartz vein,

		brecciated quartzite and BIF bands for mineralisation, if any. Prepare all legacy data and verify. Also consult with earlier reports for BIF bands if any as it is reported for the first time, Dimension – 6 km – 200-700 m width. A note may be submitted in case it is reported for the first time.
52	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/19717
	Title	Geochemical Mapping in Toposheet 64B/8 (A1, A2, B1, B2, C1 & C2 quadrant) & 55O/09 (A1, B1, & C1 quadrant) in parts of Seoni and Balaghat District, Madhya Pradesh.
	Name of the Officer	Niketani P Khedkar, Senior Geologist Rakesh Kumar, Geologist
	Supervisory Officer	ASSISAN BARLA
	Name of Presenter	Niketani P Khedkar, Sr. Geologist
	Recommendations/Comments	Presentation is very good. Prorata targets achieved as per NQT. Check for any significant lithology/mineralization from previous report. Mark lineament. Consult adjacent toposheets and try to correlate your data. Geochemical dispersion pattern to be correlated with the various Geological environment. Final modelling should be done according to Geologic environment considering available legacy data and consulting old reports. Geochemical dispersion pattern should be correlated with varied geological environment while writing the report.
53	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16596
	Title	Geochemical Mapping in Toposheet 55K/16 in Nagpur District, Maharashtra.
	Name of the Officer	Bhritashree Buragohain, Geologist Tanaya Tiwari, Geologist
	Supervisory Officer	M R ASOKA KUMAR
	Name of Presenter	Bhritashree Buragohain, Geologist
	Recommendations/Comments	Presentation is very good. Prorata target achieved as per NQT. HMS study is recommended.
54	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16436
	Title	Geochemical Mapping in Toposheet 55O/13 in Balaghat and Chhindwara districts of Madhya Pradesh.
	Name of the Officer	Sandeep Routroy, Sr. Geologist Karanam Chandra Rao, Geologist
	Supervisory Officer	ASSISAN BARLA
	Name of Presenter	Sandeep Routroy, Sr. Geologist

	Recommendations/Comments	Presentation is very good. Achieved prorata targets as NQT. Advised to study quartz vein for mineralisation, if any. Geochemical samples to be checked for anomaly. Adjacent areas also needed to be correlated.
55	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16586
	Title	Geochemical mapping in Toposheet no. 55G/11 in Betul & Amravati districts of Madhya Pradesh and Maharashtra respectively.
	Name of the Officer	Shri. Prashant, Geologist Mohd. Faisal, Geologist
	Supervisory Officer	SUSHREE MISHRA
	Name of Presenter	Mohd. Faisal, Geologist
	Recommendations/Comments	Presentation is very good. All the prorata target achieved as per NQT.
56	Item Code No.	M1AGCS-GCM/NC/CR/SU-MH-NAG/2018/16478
	Title	Geochemical mapping in parts of toposheet Nos. 64D/05 in Gondia district of Maharashtra & 64C/1 in Balaghat district of Madhya Pradesh.
	Name of the Officer	Sneha S Gondane, Geologist Neetu Kumari, Geologist
	Supervisory Officer	ASSISAN BARLA
	Name of Presenter	Sneha S Gondane, Geologist
	Recommendations/Comments	Presentation is very good. All the target achieved as per NQT. Advised for proper study of iron ore of Bailadila Group of rock and look for any previous report on conglomerate. Amgaon Gneiss Bailadila Group Diamondiferous conglomerate to be recheck in adjoining toposheet.

List of Participants

Sl. No.	Name of officer with Designation	Organization/ Address
1.	Shri. Godise Vidya Sagar, ADG & HOD	GSI, CR, Nagpur
2.	Shri. S. N. Meshram, ADG & NMH-I,	GSI, CHQ
3.	Shri. G. K Kesari, DDG & NMH-IA	GSI, CHQ
4.	Shri. S. K. Dash, Director, M-IA	GSI, CHQ
5.	Shri. Saudipta Chattopadhyay, Director, P&M-7	GSI, CHQ
6.	Shri. N K Sarkar, Director, P&M-I	GSI, CHQ
7.	Shri. Manohar Fulmari, DDG (Retd.)	Ex- GSI
8.	Dr. Ravindra Kumar, DDG & RMH-IV	GSI, CR, Nagpur
9.	Shri M.V. Dhakate, Director(G) & PSS	GSI, CR, Nagpur
10.	Shri. Hemraj Suryawanshi, DDG	GSI, SU, Madhya Pradesh
11.	Shri. M M Powar, DDG	GSI, SU, Maharashtra
12.	Shri. Shabbir Hussain, DDG	GSI, SU, Chhattisgarh
13.	Shri B. Gangopadhyay, Director(G) & HoO	GSI, CR, Nagpur
14.	Shri Asoka Kumar, Director (G)	GSI, SU, MH – Nagpur
15.	Shri. Anjan Rai Choudhuri, Director (G)	GSI, SU, MH – Nagpur
16.	Smt. Sushree Mishra, Suptdg. Geologist	GSI, SU, MH – Nagpur
17.	Shri. Tarachand Govinda Mohankar, Director (G)	GSI, SU, Chhattisgarh
18.	Shri. Satish Chandra Sawaiyan, Director (G)	GSI, SU, Chhattisgarh
19.	Shri CH Durga Rao, Director (G)	GSI, SU, Chhattisgarh
20.	Shri Prashant P Kalpande, Suptdg. Geologist	GSI, SU, Chhattisgarh
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23.	Shri Subhash Banerjee, Director (G)	GSI, SU, MP – Bhopal
24.	Shri R N Ravidas, Director (G)	GSI, SU, MP – Bhopal
25.	Shri Bhupendra Singh, Director (G)	GSI, SU, MP – Bhopal
26.	Shri. Dipak Hazra, Director (G)	GSI, SU, MP – Jabalpur
27.	Shri Sandip Nandy, Director (G)	GSI, SU, MP – Jabalpur
28.	Shri Arobindo Biswas, Director (G)	GSI, SU, MP – Jabalpur
29.	Smt. Suparna Hazra, Suptdg. Geologist	GSI, SU, MP – Jabalpur
30.	Shri Ajay Kumar Talwar, Director (G)	GSI, SU, MP – Jabalpur
31.	Shri Chitta Ranjan Barman, Director (G)	GSI, SU, MP – Jabalpur
32.	Shri Assisan Barla, Director (G)	GSI, SU, MH – Nagpur
33.	Fozail Akhtar, Geologist	GSI, SU, Chhattisgarh
34.	Aneesh S S, Geologist	GSI, SU, Chhattisgarh
35.	Himanshu Dhyani, Geologist	GSI, SU, Chhattisgarh
36.	Subhajit Das, Geologist	GSI, SU, Chhattisgarh
37.	Rajesh Kumar Pradhan, Senior Geologist	GSI, SU, Chhattisgarh
38.	Sourav Khan, Senior Geologist	GSI, SU, Chhattisgarh
39.	Gautam Saxena, Geologist	GSI, SU, Chhattisgarh
40.	Lalita Yadav, Geologist	GSI, SU, Chhattisgarh
41.	Mondeep Kaushik, Geologist	GSI, SU, Chhattisgarh
42.	Kiranjit Singha, Geologist	GSI, SU, Chhattisgarh
43.	Smt. Sangeeta Sr. Geologist	GSI, SU, Chhattisgarh
44.	Sandeep Baruah, Geologist	GSI, SU, Chhattisgarh
45.	Sanjib Bhoi Sr. Geologist	GSI, SU, Chhattisgarh

46.	D.K. Gandre, Sr. Geologist	GSI, SU, Chhattisgarh
47.	Vijay Chandra, Geologist	GSI, SU, Chhattisgarh
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53.	Ankit Jain, Geologist	GSI, SU, MP – Bhopal
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55.	Biswabara Panda, Geologist	GSI, SU, MP – Bhopal
56.	Sourav Mukhopadhyay, Geologist	GSI, SU, MP – Bhopal
57.	Kirti Kiran Kispotta, Geologist	GSI, SU, MP – Bhopal
58.	Sounav Karmi, Geologist	GSI, SU, MP – Bhopal
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60.	Raju Agrawal, Geologist	GSI, SU, MP – Bhopal
61.	Ahmad Khan, Asst. Geologist	GSI, SU, MP – Bhopal
62.	Soumya Shehasis, Geologist	GSI, SU, MP – Bhopal
63.	Biswaranjan Sahoo, Geologist	GSI, SU, MP – Bhopal
64.	Alok Mishra, Asstt. Geologist	GSI, SU, MP – Bhopal
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66.	Mohammad Khatib Khan, Geologist	GSI, SU, MP – Jabalpur
67.	Archana Prakash Geologist	GSI, SU, MP – Jabalpur
68.	Smt. Kabita Mandal, Geologist	GSI, SU, MP – Jabalpur
69.	Maneesh Lal M, Geologist	GSI, SU, MP – Jabalpur
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73.	Gatikrishna Sahoo	GSI, SU, MP – Jabalpur
74.	Abhinav Kumar	GSI, SU, MP – Jabalpur
75.	Shilpa P. Mandlik, Geologist	GSI, SU, MP – Jabalpur
76.	Ashok Kumar, Geologist	GSI, SU, MP – Jabalpur
77.	Abhisekh Kumar Das, Geologist	GSI, SU, MP – Jabalpur
78.	Anuj Kumar, Geologist	GSI, SU, MP – Jabalpur
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80.	Pratibha Sahu, Geologist	GSI, SU, MH – Nagpur
81.	Sanjay H. Bari, Senior Geologist	GSI, SU, MH – Nagpur
82.	Niketani P Khedkar, Senior Geologist	GSI, SU, MH – Nagpur
83.	Bhritashree Buragohain, Geologist	GSI, SU, MH – Nagpur
84.	Sandeep Routroy, Senior Geologist	GSI, SU, MH – Nagpur
85.	Mohd. Faisal, Geologist	GSI, SU, MH – Nagpur
86.	Neetu Shri, Geologist	GSI, SU, MH – Nagpur
87.	Vijesh A, Geologist	GSI, SU, MH – Nagpur
88.	Sneha S Gondane, Geologist	GSI, SU, MH – Nagpur
89.	Kannan J Prakash, Geologist	GSI, SU, MH – Nagpur
90.	C. Sree Kaushik, Geologist	GSI, SU, MH – Nagpur
91.	Rakesh Kumar, Geologist	GSI, SU, MH – Nagpur
92.	M. Shalini Patil, Senior Geologist	GSI, CR, Nagpur
93.	Dr. Mukesh Verma, Senior Geologist	PSS Division, GSI, CR, Nagpur
94.	Shri Garvesh Raj, Senior Geologist	PSS Division, GSI, CR, Nagpur
95.	Shri Prashant Naranje, Senior Geologist	PSS Division, GSI, CR, Nagpur
96.	Shri Anand T. Babhare, Asst. Geologist	PSS Division, GSI, CR, Nagpur