

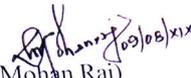
Minutes of Video conference held with NMH-II, CHQ and HoDs of Regions and Regional Heads of Geophysics Divisions on 7th August, 2019

A video conference meeting was held on 7th August, 2019 by the ADG & Head, Consultant to DG, GSI, Director (Geophysics), CHQ along with the ADG & HODs, DDG & RMH-IIs, Heads of Geophysics Division of all the regions to discuss the status, prioritization and progress of geophysical components of FS. 2019-20.

The agenda of the video conference meeting is to know action taken on the previous VC meeting, Progress, updated status of Geophysical components for FS. 2018.19, phasing and prioritization of geophysical work wherever drilling is to be taken up for FS. 2019-20, status of initiation of geophysical work in the G3 stage exploration items for FS. 2019-20 to identify target zones and planning for drilling.

Southern Region: The Director, Geophysics has informed that geophysical survey in four M-II items (Machhanur, Kallenahalli, Banasandra and Jogihalli) have been initiated and two more items (Jainapur, Chimalpahar) will be initiated shortly. He stated that in Chimalpahar area to investigate mafic-ultramafic units, initially Magnetic, gravity, IP & SP surveys were planned and now it is proposed to carry out Magnetic, gravity and apart from these radiometric surveys will be helpful since most of the area is falling under cultural domain. He also informed that radiometric survey is not part of the approved FSP. The ADG & Head, NM-II informed that radiometric survey can be taken up in the area and he also insisted that work components not only restricted to NQT and other components wherever required can be incorporated to achieve the objective of the investigation with proper justification. The Director, PSS insisted that necessary modification should be incorporated in the NQT for inclusion of additional work components. The ADG, NM-II informed that modification in NQT wherever required may be submitted to NM-II office along with justification for getting approval from CHQ. The Director, Geophysics informed that in Uncover (Southern Transect) project, 3 blocks each covering 3 sq.km has been identified south of Sandur Belt based on cross-cutting magnetic data. He further informed that semi-detailed magnetic survey can be carried out in the area followed by IP surveys.

The ADG replied that the proposal can be submitted to this office for vetting and he further insisted that Southern Transect team should make extensive preparation for the upcoming GA-GSI workshop and necessary information in this connection has already been shared with SR team. Southern transect team of SR was asked to prepare all geospatial database of a sector for conducting granite-greenstone hosted mineral system prospectivity study representing an area of about 3000 to 4000 sq. km in connection with the next and final workshop of Geoscience Australia-GSI expected to be held in Oct 2019. A detailed plan of geophysical traverses in the selective blocks of higher potentiality in the southern transect was explained by Shri J. V. Rama Rao, in reply, the work plan was appreciated and again he was asked to continue the interactions with all associated Geoscientist teams for achieving the desired goals.

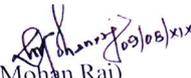

(D.Mohan Raj)
ADG & NMH-II,
GSI, Nagpur.

Western Region: The Director, Geophysics has informed that geophysical surveys in three spill-over items of FS. 2018-19 has been completed and one early initiation item (Tartarpur block) of FS. 2019-20 is under progress and so far, 13 L. km of IP and SP surveys has been completed. He also informed that another 4 items (chaukri-Bamarana, Karmari, Bhigota, Kayampura blocks) are prioritized for initiation of geophysical surveys, the work is delayed due to weather condition and will be taken up after monsoon. Out of 19 items in which geophysical surveys to be carried out during FS. 2019-20, the above five items have been chosen to carry out GP survey in which drilling is involved.

Eastern Region: The Director, Geophysics has informed that out of 18 items in which GP survey involved during FS. 2019-20, priority list of 4 items has been chosen to carry out GP survey in which drilling is involved. He further informed that GP surveys in 3 blocks viz. Boring Padar-Amath, Majos, Dudhiasol East have already been initiated and Madanshahi Block will be taken up shortly. The ADG, NM-II informed that geophysical surveys in both Madanshahi and Dudhiasol areas was carried out during 1974 and latest GP data should be generated and it is also mandatory since the blocks are auctionable. He further informed that initially an attempt was made to get the GP data of Madansahi block from MECL and for various reason that could not be done. He sought the opinion of Shri. P. Tarafdar, consultant to DG, GSI for GP survey in Madansahi block and after interacting with ER, he insisted to make sure whether the GP data for the entire Madansahi block is available with MECL. He suggested to continue discussion with MECL to get the GP data in order to avoid duplication of work and also informed the GP work in some other G3 block may be taken up instead of Madansahi block. After interaction with ER team, it was decided that GP work in Dengula block can be taken up instead of Madanshahi block.

Central Region: The Director, Geophysics has informed that Geophysical works in 10 items in M-IIA and 3 items in M-IIB worked out to 146 L. Km is to be taken up for the current FS. The work allotment and phasing of geophysical survey for all the 3 GP parties has been finalized and priority list of items have also been finalised. He informed that GP survey party is left for field and started working in the Lalheti block and continue up to 15th August, later the party will be shifted to Naugram block to complete 30% of work till 28th of August. The second party will leave in 10 days' time to take up work in Bendhari block and the third party will take up work in Kalyanpur and Sahapur blocks. The ADG, NM-II insisted that Geophysical surveys in all the items should be carried out as per plan for smooth execution and proper planning of exploration work.

Northern Region: The Director, Geophysics informed that geophysical surveys in 2 out of 3 spill over items has been completed and GP work in Guladih is under progress. He informed that 50% of work has already been completed and assured that the work will be completed by 31st August, 2019. He further informed that GP surveys in 3 items viz. Bharhari B Block (G3), Basemetal (G4) and PGE investigation in Lalitpur area has been prioritized and the work will be initiated within a week to cover 150 L.km in 3 nos. of M-II items viz., PGE-125 L.km, Basemetal-15 L.km and Iron ore-10 L.km are to be taken up during FS. 2019-20 with three geophysical parties. As none of the item is initiated, the ADG and Head, M-II insisted that items have to be initiated at the earliest. The ADG, NM-II informed that in NR has only three items in which geophysical surveys are involved for FS. 2019-20 which can be executed with two GP parties. He opined that the third party can mobilized to WR where more number of items are to be executed. The Director, PSS, NR readily agreed for the mobilization of one GP party to take up work in WR. The ADG, NM-II acknowledged and appreciated the positive response from the Director, PSS, NR and insisted that the instruments and finance has to be managed from NR and he advised the Director, Geophysics, WR to co-ordinate with NR team for mobilization of GP party.

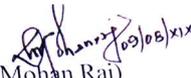

(D.Mohan Raj)
ADG & NMH-II,
GSI, Nagpur.

Northeastern Region: The Director, Geophysics has informed that out of 6 nos. of M-II items, GP surveys in one item will be initiated during August, 2019. He further informed that one party will carry out GP work in two items (G3&G4) in Sikkim, one party in G4 item of NGCM spin-off to cover 50 L.km, one party in G3 stage item to cover 25 L. Km Gravity, Magnetic, SP and IP surveys and one party for Chromite investigation in Manipur ophiolite. The ADG, NM-II after detailed interaction has decided that GP survey in chromite investigation is not required and advised NER to carry out few boreholes to check the nature and behavior of chromite bodies. The Director, Geophysics informed that there is a shortage of man power to carry out NGPM work in NER for FS. 2019-20 and requested the ADG to redeploy the GP team in M-IB. The ADG, NM-II while accepting the redeployment of M-II GP team to M-IB informed that all the missions are equally important and the workflow in all the missions should be smooth.

Regarding the G4 item to be taken up in Monigang area in Arunachal Pradesh it is recommended to take up this item on expedition basis with LSM on 1:25,000 scale instead on 1:50,000 scale. The LSM area to cover 100 sq.km to 150 sq.km may be demarcated and the coordinates of the proposed block should be indicated in the proposal. In the title instead of "gold mineralization, gold and associated mineralization" should be added.

Concluding Remarks:

In the concluding remark the Shri. S. K Biswas, Director, Geophysics Division, CHQ informed that procurement of Geophysical logger is in the final stage and made available to the regions shortly. He also informed that two Geophysical loggers will be given to CR and one each to all the five Regions. Shri. P. Tarafdar, consultant to DG, GSI has thanked all the regions for fruitful discussions and deliberations. The ADG & Head, NM-II appreciated all the Regions for their meticulous planning, identification priority items and systematic phasing of GP surveys. He insisted that GP surveys should be done in a time bound manner for planning for subsurface exploration.


(D.Mohan Raj)
ADG & NMH-II,
GSI, Nagpur.