

**Minutes of 40th OAC Meeting of Operation Rajasthan, Western Region, GSI,
held on 29-07-2010**

- T.40.01 The 40th O.A.C meeting of Operation Rajasthan, Geological Survey Of India, WR, was held on 29-07-2010 at Jaipur. The meeting was chaired by Shri V.P.Sinha, Deputy Director General & H.O.D., WR and attended by the Directors of Mission I, II and III, the Project Directors/Suptdg. Geologists of Operation Rajasthan, Director Finance, Op. Rajasthan, Director TC, WR and the Directors of Drilling, Geophysics, Chemical and the Petrology Divisions of WR.
- T.40.02 Dr. G.Malhotra, Suptdg. Geologist, TC, Operation Rajasthan welcomed all the participants and presented the main agenda of the meeting which included project-wise highlights and status of target and achievements of the work done during the current field season, status of pending reports up to F.S. 2008-09, project wise status of HRMIS data on GSI, portal, project wise status of requirement of machinery / equipment, and status of current budget position in Operation Rajasthan. He invited Dy. Director General, Op. Rajasthan to chair the meeting and initiate the proceedings of the 40th OAC .
- T.40.03 The Chairman in his introductory address welcomed the new Mission Directors, Director Finance and the Suptdg. Geologists of recently merged Projects R.S.A.S and Lignite. He emphasized the importance of mission mode and the need to update the data on portal regularly. He apprised the house about the seriousness regarding pendency of progress/Final reports, timely utilization of the budget and the status of RCA. He pointed out that non-/late- submission of reports by the authors has been seriously viewed and in this regard directives are there to make necessary entries in the Annual Confidential Reports of the defaulting authors as well as their respective supervisory officers. He informed that applications of RCA advances for the F.S. 2010-11 must be forwarded by the respective Project incharges by 1st week of September 2010 so that the officers receive the RCA advances by 20th September 2010. He requested Director TC, WR, to apprise the house about the important decisions of the recently held HOD meeting in New Delhi.
- T.40.04 Director ,TC, WR informed that the finalization of items for FSP 2011-12 shall be initiated in FSPMIS mode by the respective project incharges. Monthly status of the budget position is to be uploaded in the portal on 1st of every month. Similarly, the status pf pending RCA bills has also to be uploaded in the portal on 1st of each month. Training for the Claims module has already started with status of RCA. This shall subsequently be followed by the status of Party bills, T.A. bills, medical bills etc. He informed that from Aug. 2010, ECS system will also start functioning and will be put on portal.

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Director ,TC, WR requested the Director, Chemical Division for clearing of back log of samples of NGCM and non NGCM and further suggested to submit an action plan for out sourcing of the job in case the Chemical Division is unable to do the same with the existing HR because of any constraints.

(Action : Director, Chemical)

T.40.05 Dr. G.Malhotra, Suptdg. Geologist, Project STM-I highlighted the work carried out during the F.S 2009-10. He informed the house about the recognition of regional dome and basin structure in the area and demarcation of four tectonic domains which are separated by well defined shear zones. He informed out that the physical targets of the item, which could not be completed earlier due to indisposition of one of the officers, shall be achieved by end of August 2010. He informed that all the reports prior to F.S 2008-09 have been circulated and the progress report for F.S. 2008-09 is in final stages of submission for approval.

T.40.06 Sh. A.K. Bhattacharya, Director STM- II gave the highlights of the three items taken up during F.S. 2009-10. He informed that physical targets in all the three items have been achieved fully and the officers are presently engaged in carrying out petrological studies and data plotting work. Director further informed the house that MTR committee has given good recommendation for the STM work carried Pur-Banera belt. He informed that some analytical result are awaited. Except for F.S. 2008-09, the report of which has been submitted to DDG for approval, all the pending reports have been cleared. He further raised the issue regarding submission of reports for the F.S. 2009-10 as most of the officers of the Project STM-II have been transferred. To this, Director TC, WR replied that the concerned officer may be asked to come to Jaipur on tour for clearing of respective reports.

(Action Director, STM-II & Director, Chemical)

T.40.07 Shri Benudhar Behera, Senior Geologist, presented the work carried in GCM.. During F.S 2009-10, three items were taken up in Project GCM and most of the set physical targets, except for stream sediment samples, were achieved. Stream sediment samples from a few areas could not be collected due to reserve forest, human settlement and presence of water bodies in the area. He further informed that water samples will be collected in the post monsoon season. Most of the NGCM samples are pending with chemical lab. awaiting analyses. Director TC, WR raised the issue of less number of days spent by the officers of the Project. He advised the Project incharge to discuss the matter with the officers of his Project and submit a note within a week on target vs no. of days for the ensuing field season so that target can be set accordingly.

(Action Director, Project GCM and Director ,Chemical)

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- T.40.08 Shri A.K.Bhattacharaya, Director Project BM-I, informed that Karoi-Rajpura area contains surface indications of Cu mineralisation in the form of malachite stains and minute dissemination of primary copper hosted in calcareous biotite gneiss. The chemical analyses of a 9m long vertical channel on a mine face shows copper values in all samples varies from 0.22% to 0.67%.
In Biramsar-ki Dungri, field work has revealed an ophiolite sequence in the area. This is an interesting finding but studies may remain incomplete as the concerned officer is under transfer and shall be leaving WR by mid of this month. The concerned officer, Sh. S.Mukhopadhyay, Senior Geologist, shall have to be called to Jaipur on tour for finalization and submission of the report.
- T.40.09 Shri D.K.Rai Suptdg Geologist, Project BM-II gave the highlights of work carried out under Project BM-II. He informed that a total of four items were taken up. In item no 25 (Mahawa block) all the physical targets have been achieved. Out of four boreholes drilled, analytical results of borehole MBH-1 only have been received. These indicate a 3.40m copper lode between the depth of 99.25 m and 102.65 m with 0.26% Cu. Boreholes MBH -2, 3 & 4 were closed 142.55m, 200.35 m & 157m respectively, and their analytical results are awaited. The concerned officer of this investigation is under transfer and his extension has been requested upto September for completing the remaining boreholes MBH-6 &7. Dr Malhotra enquired about report submission of Mahawa since the officer is under transfer to which Shri Rai replied that report up to MBH- 6 will be submitted by the concerned author before his departure but since all the data will not be available, the complete report will be submitted later on..
In no. 26, Dhanota area, first borehole DNBH – 1 is in progress & has yet to intersect the projected zone of mineralization. Drilling progress is very slow .On query from the Chairman whether core recovery is poor, Shri D.K.Rai informed that poor recovery is due to presence of sheared rock. He further informed that the officer in this item is also under transfer. Shri P. Gupta enquired regarding number of boreholes proposed to which the Project Director informed that only two boreholes are planned in this item. On query from Dr. G.Malhotra about recommendation of MTR time constraint in completing the drilling target , Shri D..K.Rai, replied that as per MTR, drilling to continue as per schedule. To this ,P Gupta, Director, TC-I replied that after reviewing this item in September the final; decision will be taken. He also requested Sh. K.L. Meena, Director Chemical Division to provide the analytical results on priority basis.
In Deota Kishangarh area (item no. 27), the targets have been achieved fully. Chemical results of 17 samples of Channel CH-I indicate copper values ranging from 0.1% to 0.9% and only two samples indicate 0.24 ppm & 0.08 ppm Au and in a 17 m zone while 18 samples of CH-2 indicate copper values ranging from 180ppm to 4480ppm and only three samples indicate Cu > 1000ppm.
Sh Rai gave the progress of work done in Dholpur area (item no. 28).Dr. G Malhotra, Suptdg. Geologist, TC, Operation Rajasthan enquired about the status of P.G.R.S. study done in this area to which Shri D.K.Rai

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replied that the same will be done by the PGRS div. during August 2010. Shri P. Gupta Director TC –I also emphasized on PGRS study since the area is mostly soil covered .

(Action :Director, BM-II & Director, PGRS)

Shri D.K.Rai informed that the analytical results of most of the samples are pending with chemical lab. to which Chairman asked Director Chemical to expedite the same expeditiously. Shri K.L.Meena, Director informed that some of the results are ready and will be given in next 7 days.

(Action : Director, Chemical)

T.40.10 Shri A.K.Grover, Director presented the work done in Project Iron ore where two items were taken up. In item no 15 (Bagholi-Papra) area, the first borehole did not intersect iron ore. Two boreholes are to be drilled as per the MTR recommendation. He informed that since the drilling in this area started late because of shifting of machine from another area, the drilling progress is slow. He expressed doubt regarding achievement of drilling targets up to September 2010. Shri P. Gupta, Director TC, replied that since one more drilling machine has been deployed recently the problem of completing the targets should not be there. Shri P.Gupta also asked Shri J.N. Choudhury , Director Drilling regarding the slow progress to which he replied that the drilling progress will improve in next two months.

(Action Director, Drilling)

In item no 16 (Jahazpur belt), the Director, Project Iron Ore, informed that all physical targets have nearly been achieved and shall be will be fully achieved in next 10 days. Dr. Malhotra, enquired about status of analytical results. Shri Meena, Director, Chemical Division, informed that all the results have been sent except of June 2010. Shri A.K.Grover, Director also informed about the status of upgrading of DID on Iron ore. The material is ready for submission.

(Action Director, Chemical)

T.40.11 Shri M.K. Reddy, Suptdg. Geologist, highlighted the progress work of two items taken up during the F.S. 2008-09 in Project Gold. Item no. 17 pertains Delwara West Block where drilling in two boreholes is in progress. Analytical results of boreholes DWB 17 to 21 have been received. These indicate the presence of 1.30m to 3.20 m thick gold zones containing 0.54 ppm to 3.42 ppm average gold content at 0.5 ppm cut-off. Boreholes DWB-23 to 28 have intersected 1.00m to 37.20m thick sulphide zone containing 5% to 15% sulphides. In Gundelapara NW Block (item no. 18) the gold value ranges from 0.44ppm to 7.5 ppm along 22m long channel.

T.40.12 Sh Rajendra. Sharma, Supdt Geologist, gave the brief account of the work done in Project IFOM. He informed that work is progressing

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satisfactorily. Out of total of 12 sq km to be covered by Detailed mapping, 10 sq km was covered up to July 2010 and the remaining 2 sq km will be covered by end of August 2010. Drilling in seven boreholes is already completed and 8th borehole is running. The Khuiala limestone has been intersected in all the boreholes.

T.40.13 In Project Geoinformatics, Shri S.K. Bohra, Senior Geologist, informed that under item no: 49, except for the input from PGRS Division, the work shall be completed by September, 2010. Shri P. Gupta, Director TC-I, WR informed that action has been initiated for extension of this item. Shri Bohra informed that all the reports have been circulated and no report is pending.

(Action : Director, PGRS & Director, Geophysics)

T.40.14 Sri P.K. Raut, Suptdg. Geologist, Project RSAS, gave the highlights of the work done in four items during F.S. 2009-10. Shri Raut informed that under item no: 22, the drilling was suspended due to the transfer of concerned geologist Shri Suresh Chandra. Shri P.Gupta, Director commented about low progress of only 65 m drilling done after MTR (during which it was 135m). In response to Chairman's enquiry about number of boreholes, Shri Raut informed that three boreholes have been proposed in Kalalikhhera block. Further in response to the Chairman's query about the technical control of drilling machine deployed in this area, he was informed by Director drilling that the technical control is under AMSE. In view of the merging orders of earthwile AMSE (WZ) with WR as RSAS Division, Sh. Raut was asked to write to AMSE, Bangalore seeking clarification about the status and functioning of drilling units in future – whether under WR or under AMSE Bangalore.

Under item no: 21 (Danva) Shri Raut gave the highlights of the work done in Danva block. Under Item no: 23 (Bara block of Anjani Bedawal) Shri Raut informed that under this item the area is to be remapped as earlier the D.M. was done by the concerned Geologist on 1:2500 instead of 1:2000. Director TC-I commented that in light of the pendency of target vs achievement, Dr. Bejarnia, Senior Geologist and Shri Arya, Surveyor shall henceforth will not be permitted to go to Zawar as guest faculty. Regarding pending status of reports, Sh P Gupta, Director TC advised Sh. Raut to issue a memo to Dr. Bejarniya for non submission of report pertaining to F.S 2008-09 which was supposed to be submitted by March 2010.

Under item No; 24, the Sh. Raut informed that the targets have been achieved fully. He also informed that as per the recommendation of MTR committee FS 2009-10, orientation survey and analytical results of the sample fraction of -80, -100 and -120 mesh indicated that the maximum elemental concentration is in the sample fraction of -120 mesh. He sought permission to send the collected -120 mesh samples collected during the current F.S for chemical analysis. Chairman gave his consent for the same.

Regarding non submission of reports by Shri Vijay Singh, Director TC-I advised Suptdg. Geologist, Project RSAS to write letter to ONGC where presently the author is posted.

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(Action : Director, RSAS)

T.40.15 Sh. P.K. Nanda, Suptdg. Geologist, Project Lignite gave the objective of the investigation and brief account of the work done under item no: 30 (drilling in Hadda North and West area, Palana basin). As this Project has recently merged with WR, Director TC-I requested the Director Finance to contact CHQ or Mission IIB regarding allocation of plan expenditure for the drilling units. He also requested Shri Nanda, to co-ordinate with Director Finance & pursue the matter. Sh. Nanda also informed that as on date no report and analytical results are pending.

(Action Director Finance & Director Lignite)

In the end Director TC-I briefed about the no. of items to be taken up during the ensuing F.S. 2010-12. The list included two items in Project STM-I, two items in Project STM-II, four items in Project GCM, one item in Project BM-I, six items in Project BM-II, two items (+ one item on compilation of Delwara) in Project Gold, three items in Project RSAS, two items in Project IFOM, one item in Project Iron Ore and two items in Project Geoinformatics. Shri A.K.Bhattacharya suggested the house that before personnel deployment in field, the consent of concerned Project Incharge may be taken. Dr. G. Malhotra, asked the Project Directors to ensure that all official under them may check and verify their HRMIS data on the portal.

The meeting concluded with the vote of thanks by Shri A.K Bhattacharya, Director.