

**MINUTES OF THE FIRST MEETING OF THE COMMITTEE ON
ENERGY MINERALS AND RESOURCES (GR. V OF CGPB),
HELD ON 16TH & 17TH JUNE, 2009, AT COAL WING, KOLKATA.**

- 1.1.0** The 1st Meeting of the Committee on Energy Minerals and Resources (Gr. V of CGPB) was held on 16th & 17th June, 2009 at Coal Wing, GSI, Kolkata under the Chairmanship of Shri M. Sinha, Dy. Director General, Coal Wing, Kolkata.
The list of participants is given in Annexure-I
- 1.1.1** Welcoming the members of the Committee, Shri G. Mukherji, Member secretary explained that the present new Committee has been reconstituted from the earlier CGPB Sub-Committee Group III by inducting more participants from the State Agencies, Research Institutes and Private entrepreneurs to increase its ambit of activities in the National scenario. However, the terms of reference of this new Committee are almost in the same line as that of the earlier one. He hoped that like the earlier one, this Committee would also guide the coal and lignite exploration of the country in the light of evolving global concept and would rise to occasion to meet it's commitment to the country's ever increasing need for the energy sector. He invited the Chairman for his opening remarks.
- 1.1.2** The Chairman welcomed all the participating members. At the outset the Chairman expressed his pleasure to find such a considerable participation from the State agencies.
He explained that in the light of the new National Mineral Policy, 2008, the Central Geological Programming Board (CGPB) has been revamped and consequently it's existing seven Sub-Committees have been reconstituted into twelve new Sub-Committees to provide better functional co-ordination between the Central and State agencies. He requested all the State agencies to convene the meeting of the State Geological Programming Board twice in every year in accordance with the proposed biannual meeting of the CGPB
He pointed out that in spite of the worldwide economic melt down, the country's industrial growth is fairly consistent. Sustenance of this growth was largely due to consistent support by multiplying resource base of solid fossil fuel and its enhanced production to the energy sector. The present Sub-Committee in it's previous attire, played a pivotal role in the national endeavor of meeting the country's energy requirement by building up and consolidation of a credible resource base of solid fossil fuel, through meaningful co-ordination and monitoring of the exploration programme of the National and State agencies right from the stage of formulation to execution. He particularly emphasized the importance of the exemplary and concerted efforts of the National agencies under the aegis of the Sub-Committee in formulation and execution of the agency-wise and coalfield-wise comprehensive action plan for XI Plan period, at the instance of PMO to explore balance prognosticated potential areas in different coalfields (identified at the end of IX Plan). He requested all the concerned State agencies to come forward and take up Regional exploration under Promotional funding to speed up the coverage of the balance potential areas.
(Action: All concerned State Agencies)

He considered it to be prudent to take a stock of the progress of the exploration activities of the XI Plan period and advised to hold a Core Group Meeting of the Committee during September, 2009 for making need based mid-course modification in the annual programmes on the basis of recent geological findings as well as available resource base. Shri Prasad, Director, MoC appreciated the proposal.

(Action: Member Secretary)

He requested all agencies to initiate action in respect of formulation of exploration programme for XII Plan period and beyond. In this context, he pointed out that GSI has already drawn a comprehensive work programme for prognostication of potential coal bearing areas as a prelude for formulation of exploration programme for XII Plan and beyond. He emphasized that all exploration agencies should extend necessary co-operation in this endeavor. He requested DGH for making relevant exploration data in respect of coal and lignite in the leasehold areas available to GSI.

(Action: DGH & GSI)

He mentioned that areas with resources at shallower level as well in the easily accessible parts of the basins have already been largely explored. Resources in the unexplored areas are mostly concealed under cover of younger rocks or in deeper level for which multi-parametric geophysical studies would be the basic requisite. He considered the recent induction of NGRI is very much appropriate in this context. However, he requested all the agencies to strengthen their resource base particularly in respect of probing the deeper resources.

He said that all the exploration agencies should be give priority to the fulfillment of geological objective by judicious utilization of the allotted drilling meterage. If excess meterage or modification of block boundaries are required, prior permission of the Committee may kindly be sought.

(Action: All Exploration Agencies)

The Chairman concluded his deliberation stating that frequent interactions amongst the members are required for making the Committee more vibrant and meaningful. He hoped that this Committee would play a key role in building up of reliable database of energy resources to withstand the taste of time.

- 1.1.3** Shri Prasad, Director, MoC pointed out that both MoC and MoM have committed to PMO regarding the coverage of the balance potential area for coal exploration during XI Plan period. He further pointed out that in Sankar Committee's report it has been stressed to explore the basins up to the prognosticated lowest coal bearing zones. He requested that in future, action plans and achievements in this regard might be incorporated in the Agenda of the Committee. He also enquired about the supply of exploration data by DGH to the Committee. In reply the Member Secretary informed that the National agencies have already taken steps to increase their resources for exploring deep-seated coal horizons. Regarding data from DGH he mentioned that exploration data and geological information in respect of some of the initial CBM blocks was made available by DGH to GSI. However, since then no further communication in this regard has been received from DGH. In this context, the Chairman suggested to convene a meeting amongst MoC, DGH, GSI and CMPDIL to sort out the issue. Shri Prasad agreed to the suggestion.

(Action: DGH, GSI & CMPDIL)

1.1.4 The Chairman raised the issue of taking up coal exploration in North Eastern Coalfields under promotional funding in accordance with the suggestions made by the Committee for Upgradation and Refinement of Coal Resources in the North Eastern Region.

Shri Kenye, DGM, Nagaland presented a succinct account of their resource position and potential areas for exploration. Shri Choudhury, DGM, Assam reported that they have the resources but funding is required for exploration. He mentioned about the already identified potential areas.

A detailed discussion was held on resource position of DGM, Nagaland and Assam as well as on funding and the domain of technical support that can be made available to them by CMPDIL, MECL and GSI. DGM, Nagaland indicated that training to the Geological personnel of DGM will be required at CMPDIL for a few days to take up promotional exploration. Shri Ahmad, CMPDIL suggested that DGM, Nagaland may write to the CGM (Exploration, CMPDIL in this regard. After the detailed deliberation Shri Ahmad, CMPDIL suggested that considering the available resources with DGM, Nagaland and Assam, the drilling and other field activities can be taken up by them. Shri Visen, MECL said that as in case of limestone the technical support for carrying out chemical analyses processing and writing of reports etc. can be done by MECL. Shri Prasad, MoC mentioned that drilling can be taken up by DGM, Nagaland and Assam and in respect of other technical fields CMPDIL, MECL and GSI may extend support whenever required. He also said that promotional funding for this purpose could be made available.

Finally the house decided that drilling and field investigations will be taken up by DGM, Nagaland and Assam and technical support in other domain, whenever required, would be extended by CMPDIL, MECL and GSI. Promotional fund would be made available to them for this purpose. It was also decided that Sub-Committee will make written request to all the concerned States of the North Eastern Region to submit definite Regional exploration proposal to the Committee by August, 2009, so that after scrutiny and review of the said proposals by the Core Group of the Committee, fund can be made available and if required the domain of collaboration by the National agencies may be identified.

(Action: All concerned North Eastern State Agencies)

1.1.5 Shri Ahmad, CMPDIL informed the house that recently CMPDIL has been awarded the status of 'Mini Ratna' by the Government. He also informed that the status is awarded to companies for their consistent good performance over years and CMPDIL is carrying profit for the last three consecutive years. All the members congratulated CMPDIL for their excellent performance and achieving the coveted status.

1.1.6 Shri Kumar, DMG, AP enquired about the procedure for taking up exploration under Promotional funding. Member Secretary explained the procedure and requested CMPDIL to provide the copy of approval from MoC for taking up exploration by State Agencies under Promotional funding. The proposals may be submitted to the Sub-Committee for onward transmission to the concerned State agencies. The Chairman suggested that the proposals might preferably be on areas, already earmarked for XI Plan period.

(Action: CMPDIL)

- 1.1.7** Dr. Verma, ISM, Dhanbad said that the Committee is doing a commendable job in the field of coal and lignite exploration and CBM studies. He suggested that in addition, the study of oil shale might also be considered. In this context, Shri Mohapatra, RIL informed the house that the results of the studies taken up so far in this respect are not encouraging.
- 1.1.8** The representative of DGM, Nagaland informed the house that there is a considerable difference between the resources shown by DGM, Nagaland and the one shown in the National Inventory. Shri D. Bhattacharya, Director, GSI explained the norm of calculation of the resources for the National Inventory and pointed out that the same accepted norm is not being followed by the DGM, Nagaland. After detailed discussion it was advised to the DGM, Nagaland to calculate the resources as per ISP norm and communicate the same as per supplied format, for incorporation of the same in the National Inventory. He also pointed out that this year DGM, Nagaland has not supplied the data as per supplied format, as a result no resources could be included in the National Inventory.
- (Action: DGM, Nagaland)**
- 1.2.0 Follow up of the action taken report on the decisions of the 49th Meeting of the Sub-Committee.**
- 1.2.1** In response to Para 49.3.1, it was decided that all the details about fixation of new rates for Promotional Exploration would be discussed in the forthcoming meeting of the Committee for fixation of rate for Promotional Exploration.
- (Action: CMPDIL, MECL & GSI)**
- 1.2.2** Regarding exploration in Makum Coalfield (Para 49.3.4), MECL informed that action has already been initiated for demarcation of the area of exploration.
- (Action: MECL)**
- 1.2.3** In the context of Para 49.3.6 representation of NLC and MECL expressed their views on the issue of resolving the problems in RDBMS software. The Chairman suggested that the matter might be bilaterally resolved in the meeting at Nagpur as proposed by MECL.
- (Action: MECL & NLC)**
- 1.2.4** In the context of submission of proposal on collaborative programme (Para 49.3.7), CIMFR informed that formulation of such programme is being initiated.
- (Action: CIMFR)**
- 1.2.5** In response to Para 49.4.4, the Member Secretary requested both GSI and SCCL to submit a report on the observations made by them during the course of their joint traverse in the southwestern extension of Manuguru Coal Belt.
- (Action: GSI & SCCL)**
- 1.2.6** CIMFR informed that in response to Para 49.4.6 action has already been initiated for increasing the manpower and infrastructure for speeding up the analytical process.
- 1.2.7** In the context of request made to DGM, Chhattisgarh to follow ISP norm for calculation of resources (Para 49.4.7), it was again advised to all concerned agencies to follow the ISP norm and communicate the data as per the supplied format and within the stipulated time frame. Otherwise it may not be possible to incorporate the resource data in the National Inventory,.
- (Action: All concerned Agencies)**

1.2.7 In response to Para 49.5.7 request has again been made to all concerned State Agencies to take up Regional Exploration Programme under Promotional funding.

1.2.8 In response to Para 49.5.12, Shri Prasad, MoC advised NLC to write to the Ministry for making GR's of GSI available to them free of cost. In this context, Shri Bandopadhyay, Director, TCS informed that as per the recent circular of MoM, GR's cannot be supplied free of cost. The Chairman suggested that NLC might write to MoM for further clarification in this regard.

(Action: NLC)

1.2.9 In response to Para 49.5.19, Shri Patel, CGM, Gujarat informed that the relevant GR's are required for future planning of exploration and hence may be given free of cost.

Shri Ahmad, CMPDIL said that it has already been mentioned in the earlier meeting about the advice of MoC to supply promotional data to CGM, Gujarat on payment basis. Shri Prasad, MoC said that order has to be followed.

1.3.0 Ratification of the minutes of the 49th Sub-Committee and the 1st meeting of the Committee for CBM studies.

The minutes of the 49th Meeting of the Sub-Committee on Energy minerals (Gr. III of CGPB), held on 16th & 17th December, 2008 at Kolkata and the 1st Meeting of the Committee constituted for CBM studies, held on 3rd February, 2009 at Ranchi are ratified.

1.4.0 Review of the Work

1.4.1 The achievements and highlights of the work carried out by Coal Wing, GSI have been presented by Dr. S. Mukherjee,

1.4.2 Achievement of work, carried out by CMPDIL, was presented by Shri N. Ahmad.

1.4.3 Shri J. S. Swant gave a detailed account of the status of work carried out by MECL.

1.4.4 Shri Babu Rao gave a summarized account of the work carried out by SCCL.

He requested GSI to carry out drilling up to the base of Barakar in the blocks under exploration in Chintalpuði sub-basin. The Chairman advised GSI to consider the proposal.

(Action: GSI)

1.4.5 Shri R. Prabhakar presented the achievements of work carried out by NLC. During the deliberation he mentioned that action has already initiated for procurement of 160 nos. of Open Series map from Survey of India to create 'Lignite Grid'. The Chairman suggested the NLC should interact with CMPDIL to bring uniformity in projection system in both the coal and lignite fields of India.

(Action: NLC and CMPDIL).

1.4.6 Mrs. N. Chowdhury gave an account of the status of work carried out by CIMFR.

1.4.7 The work carried out by DGM, Orissa, Chhattisgarh and M.P. and CGM, Gujarat was presented by S/Shri C. B. Das, B. S. Acharya, M. I. Siddiqui and J.M. Patel respectively.

After the deliberation Member Secretary advised DGM, Chhattisgarh to send the resource data only after completion of the exploration in a particular block.

(Action: DGM, Chhattisgarh)

1.4.8 In the context of presentation of CGM, Gujarat, Shri D. Bhattacharya, Director, GSI pointed out that CGM, Gujarat is communicating resource data along with the achievements of work for the Agenda Volume of the Sub-Committee. However, resource data is not being sent by them for incorporation in the National Inventory. So he requested CGM, Gujarat to communicate the resource data in supplied format and within stipulated period, so as to incorporate the same in the National Inventory. Shri Patel, CGM, Gujarat assured that the procedure will be followed.

(Action: CGM, Gujarat)

1.5.0 Discussion on Agenda Items

1.5.1 MECL to take up remaining 3600m drilling planned for GSI in Rajasthan.

Shri Ahmad, CMPDIL, informed the house that a total of 12,100m of drilling in lignite areas were planned for GSI during FY 2009-10. However, GSI envisaged only for 8500m drilling, hence MECL may be requested to take up the balance meterage.

Dr.S Mukherjee, Director,GSI pointed out that the envisaged target of GSI is 8050m instead of 8500m. and the balance meterage to be considered would be 4050m instead of 3600m

Shri Visen, MECL said that at this moment it is not possible to commit. However, they will review the proposal and communicate later.

(Action: MECL)

1.5.2 Promotional exploration for North Eastern Region

Shri Ahmad, CMPDIL initiated the discussion and informed that the Govt. of India in their recent communication has emphasized on the need of utilizing the 10% of the GBS fund for North eastern Region.

Member Secretary pointed out that the issue has already been discussed at length (Para 1.1.4) wherein the concerned State agencies of North Eastern Region have already been requested to submit their proposals. He further mentioned that DGM, Assam and Nagaland, participated in the present meeting, have already agreed to submit their proposals.

In this context, the Chairman suggested that the State agencies might submit their proposals by July, 2009, so that those can be considered in the next meeting of the Core Group. He further suggested that MECL might be allowed to charge for extending technical help to the State agencies.

Shri Ahmad, CMPDIL requested concerned State agencies to submit their proposals at the earliest, so that review as well as fixing of modalities for payment can be made in time.

(Action: All concerned State agencies of NER)

1.5.3 Adherence to proposed block boundaries

Shri Bhattacharya, Director, GSI raised the issue of restricting the exploration activities of the concerned exploration agency within the proposed block boundaries, delineated in the XI Plan proposal. It has been observed in some cases that the block boundaries, supplied along with the resource database for incorporation in the National Inventory, are extended compared to the proposed one or even at times overlapping the already explored blocks, resulting in duplication of the resource

base.

The Member Secretary opined that all the agencies should adhere to the already delineated block boundaries. The Chairman suggested that if modification of block boundaries are required, it should be brought to the notice of the Sub-Committee well in advance. **(Action: All Exploration agencies)**

1.5.4 Modification in projected XI Plan drilling meterage of lignite exploration by GSI.

- (i) Dr. Mukherjee, Director informed that the recent drilling data from lignite fields of Rajasthan are not encouraging. Hence, it is proposed that the projected drilling target of 22,000m may be reduced to 15,000m.

Shri Ahmad, CMPDIL said that budget for this purpose has already been sought for. Hence, alternatives have to be found out to utilize the balance meterage.

In this context, Shri Babu Rao, SCCL said that if considerable Promotional meterage is assured, SCCL might enhance its resources for taking up deep drilling.

Shri Ahmad, CMPDIL in reply told that induction of SCCL in Promotional exploration might not be a problem.

After detailed discussion the Chairman suggested that the issue might be discussed at length in the Core Group Meeting, where mid term modifications/corrections would be considered. However, he opined that prior to the said meeting all the National Exploration Agencies should meet to find out alternatives. He further requested that all concerned should enhance their resources for exploring deep-seated lignite bodies in Sanchor, Cambay and Cauvery basins.

(Action: All National Exploration Agencies)

- (ii) It was proposed that considering the available resource position vis-à-vis committed workload, GSI may not be in a position to take up Regional Exploration Programme in Gujarat and Kerala during XI Plan period. The house accepted the proposal.

1.5.5 Reduction of projected XI Plan drilling target for coal exploration in the area south of Hingla River.

On the basis of some recent traverses in the area as well as from the existing database of adjacent blocks, it appears that only 10-15 sq km area will be available for exploration instead of projected 20 sq km. In view of this the projected target has to be reduced. The actual projection will be informed to the Committee after further review.

(Action: GSI)

1.5.6 Supply of GR's of promotional exploration to GSI.

Shri Ahmad, CMPDIL informed that necessary help in this regard would be extended as and when required.

1.5.7 Supply of earlier resource data in case of revision in augmentation.

All the concerned agencies agreed to follow the proposed procedure.

(Action: All concerned Agencies)

1.5.8 Full payment of Promotional drilling meterage.

GSI proposes that full payment of Promotional drilling meterage (i.e. 100% in place

of 95%) may be made at the time of completion of the investigation, instead of submission of GR.

Shri Ahmad, CMPDIL insisted that the investigation in any area/block is considered complete only after submission of the Geological Report. As such the practice of retaining 5% payment till submission of GR should continue.

After detailed discussion it was decided that GSI might write to CMPDIL on this issue for onward transmission to MoC. However, GSI has to submit at least an interim report prior to claiming of the full payment. **(Action: GSI)**

1.5.9 Provision for payment of arrear Service Tax and Educational Cess to GSI.

Shri Ahmad pointed out that it is statutory and thus there will be no problem for payment. However, before claiming the arrear it may be made clear about the prevailing rate of Taxes in different time slot. He requested that a copy of the relevant letter from the Principal Director of Audit might kindly be forwarded to CMPDIL. **(Action: GSI)**

1.5.10 Ratification of work quantum of CBM studies by GSI.

- (i) Taking up of three boreholes, envisaged for F.Y. 2007-08, during F.Y. 2008-09 as well as taking up of one borehole in Birbhum Coalfield instead of Ib-River Coalfield have been ratified,.
- (ii) Approval was given for taking up of remaining envisaged boreholes of F.Y. 2008-09 during F.Y. 2009-10.

1.5.11 Forest Permission.

Regarding taking up of exploration in Lingala-Gundala areas of Godavari Valley Coalfield, representative of MECL informed that action has already been initiated for forest permission. The exploration will start as soon as the permission is received.

The Chairman suggested that MECL might inform the Chief Conservator of Forest, A.P. for initiating the exploration in accordance with the recent guidelines, issued by the MoEF. **(Action: MECL)**

1.5.12 HRS Survey by NGRI

Shri Babu Rao, SCCL requested NGRI to take up Godavari Valley Coalfield programme after completion of their study in Rajasthan.

Dr. Seshunarayana, NGRI informed that after completion of the study in Rajasthan, programme in Godavari Valley Coalfield will be taken up in January, 2010. **(Action: NGRI)**

1.5.13 Recent guidelines of MoEF.

Shri Babu Rao, SCCL raised the issue of requirement of more number of boreholes for detailed exploration than the numbers stipulated in the recent guidelines of MoEF. In reply Shri Prasad, MoC informed that the issue has already been taken up with MoEF.

1.5.14 Claiming of bills by MECL on the basis of monthly Joint Measurement Certificate.

NLC suggested that claiming of bills by MECL might be made as per the earlier practice of Joint Measurement Certificate basis, instead of the present practice of claiming the bills based on Monthly Progress Report. Both NLC and MECL expressed their opinions on this issue. CMPDIL informed that the claiming of bills by MECL for coal exploration on the basis of Monthly Progress Report is being

followed and CMPDIL is not facing any problem in clearing the bill. After detailed discussion the Chairman suggested that the matter might be bilaterally resolved by MECL and NLC.

(Action: NLC and MECL)

1.5.15 Submission of draft GR's of MECL to NLC

Shri Prabhakaran, NLC suggested that the earlier practice of submitting the draft GR by MECL to NLC prior to finalization may be persuaded instead of the present practice followed by MECL of submitting the final GR to CMPDIL with a reference copy to NLC. He said that in some instances where modifications in respect of regional correlation, structural interpretation, resource calculation etc. are required, that could not be incorporated.

Shri Visen, MECL opined that for such issue field interactions amongst the Geologists of MECL and NLC are required.

Shri Ahmad, CMPDIL suggested for more frequent interactions between MECL and NLC.

Finally, the Chairman advised that MECL and NLC should interact while the report is being finalized.

(Action: MECL and NLC)

1.5.16 CGM, Gujarat to provide consolidated lignite field map and salient features of lignite blocks for ILRIS Project.

Representative of NLC requested CGM, Gujarat to provide consolidated lignite field map and salient features for ILRIS Project.

Shri Patel, CGM, Gujarat agreed to provide the required map along with the database.

(Action: CGM, Gujarat)

1.5.17 Closure of Borehole MPY 56, drilled in Pyau block, Bikaner dist., Rajasthan.

MECL informed that in borehole MPY 56 of Pyau block drilling could not be done beyond 130.50m due to technical difficulties and finally due to collapse of the borehole geophysical logging also could not be carried out. Since the borehole has been drilled up to the Nagaur sandstone Formation and the lithology of the borehole is in conformity with the surrounding boreholes, it was requested to declare the borehole closed at 130.50m depths. After discussion, the house decided that the said borehole might be declared closed. However, MECL has been advised to send the list of boreholes with such problems to NLC for their remarks. After discussion, the issue may be bilaterally resolved and could be referred to the Committee only if not resolved till then.

(Action: MECL and NLC)

1.5.18 Geophysical logging of boreholes in lignite exploration block - reg

MECL suggested that in case a particular probe is out of order or probe could not be used due to technical difficulties, and the borehole is logged with the help of other probes, the decision for closing of boreholes may be taken. It was also suggested that in such cases the bills raised on the probes, used for logging, might be passed. During the deliberation, MECL informed that in certain cases density logging could not be carried out and number of such cases are very small compared to the total number of boreholes drilled.

Shri U.K. Biswas, Director GSI informed that in case the density logging could not be carried but data on other methods like Neutron, Natural Gamma, Electrical etc.

are available, then payment could be made. Shri Babu Rao, SCCL agreed to the suggestion.

The house decided that on case-to-case basis the payment may be considered. It is further advised that such issues may be resolved bilaterally.

(Action: MECL & NLC)

1.5.19 Release of boreholes in Bangarsar-Jaimalsar area, Bikaner, Rajasthan.

MECL has proposed 62 nos. of boreholes in 3.2 km grid interval for covering an area of 550 sq. km by Regional Exploration in Bangarsar-Jaimalsar area, out of this approval for 12 nos. of boreholes have been received. Considering the impersistent nature of occurrence of lignite in Rajasthan, first phase scanning by 62 nos. of borehole in 3.2 km grid interval is approved. Closed spaced drilling at 1.6 km grid interval in the event of positive intersection may be considered only after review the borehole data.

(Action: MECL)

1.5.20 Proposal for additional drilling of 2600m in Diyatra block, Bikaner, Rajasthan.

After discussion MECL's proposal to drill additional 17 nos. of boreholes (involving 2600 meterage of drilling) in the south and eastern part of the already delineated positive area within Diyatra block is accepted.

(Action: MECL)

1.5.21 Ratification of excess meterage drilled in blocks completed during F.Y. 2008-09.

The following excess meterage drilled by MECL in different blocks, completed during F.Y. 2008-09 are ratified.

Sl. No.	Name of block and Coalfield	Excess meterage drilled.
1.	Chaka north block, Sohagpur Coalfield	6390.30m
2.	Banai block, Sohagpur Coalfield	4803.70m
3.	Arjuni block, Sohagpur Coalfield	1621.30m
4.	Pathora block, Sohagpur Coalfield	647.50m
5.	Somavaram block, Godavri Valley Coalfield	6179.40m
6.	Jangareddgudem block, Godavri Valley Coalfield	2112.90m
7.	Nachiyarkudi block, Mannargudi Basin	2357.00m

However, the house advised MECL that in future where considerable excess drilling is carried out by involving a number of additional boreholes, prior permission must be sought from the Committee, submitting the justification.

1.5.22 Modification of block boundaries in Bogalur East and revision of drilling target for FY 2009 – 10

Dr. S.Mukherjee, Director,GSI informed about the modification of the Bogalur East block:

Area: 60 sq.km (Lat. 09 23 00 to 09 27 00; Long. 78 45 00 to 78 50 00)

He also informed that GSI would carry out a total drilling of 16500m during FY 2009-10. This includes 2200m drilling in Merkhi block in Sohagpur coalfield instead of 1100m drilling in Dewala-Mangli block in Wardha Valley.

The modifications were approved.

The Meeting ended with Vote of Thanks.

ANNEXURE-I.

LIST OF PARTICIPANTS ATTENDING THE 1ST MEETING OF THE COMMITTEE ON ENERGY MINERALS AND RESOURCES (GR. V OF CGPB) HELD ON 16TH & 17TH JUNE, 2009 AT COAL WING, GSI KOLKATA.

1.	Shri M. Sinha, DDG, Coal Wing, GSI	Chairman
2.	Shri G. Mukherji, Director, GSI.	Member Secretary
3.	Shri A. Sundara Moorthy, Dy. Director General (OP), CW, GSI.	Member
4.	Shri D.N. Prasad, Director (Technical), MoM	Member
5.	Shri V.K.S Visen, HOD (Exploration), MECL	Member
6.	Shri Y.S. Babu Rao, Chief of Exploration, SCCL	Member
7.	Dr. S.K. Chakraborty, Director (Monitoring), CHQ, GSI	Member
8.	Shri N. Ahmad, GM (Geological Services), CMPDIL	Member Representative
9.	Shri R. Prabhakar, Add. Chief Manager, NLC	Member Representative
10.	Shri N. Choudhury, Dy. Director, CIMFR	Member Representative
11.	Dr. T. Seshunarayana, Scientist 'G', NGRI	Member Representative
12.	Smt. S. Choudhuri, Geologist(Sr.), CHQ, GSI	Member Representative
13.	Shri M.I. Siddiqui, Dy. Director, DGM, MP	Member Representative
14.	Shri K. Balsubramanian, Dy. Director, CGM, Tamil Nadu	Member Representative
15.	Shri B.S. Acharya, Dy. Director, DGM, Chhattisgarh	Member Representative
16.	Shri C. B. Das, Geologist, Directorate of Geology, Orissa	Member Representative
17.	Shri J.M. Patel, Senior Geologist, CGM, Gujarat	Member Representative
18.	Shri J. Das, Mining Officer, DMM, West Bengal	Member Representative
19.	Shri B.R.V. Susheel Kumar, Joint Director, DMG, A.P.	Member Representative
20.	Shri G.K. Mohapatra, Dy.G.M., RIL	Member Representative
21.	Dr. U.K. Mishra, Director, NEC	Permanent Invitee
22.	Dr. A.K. Verma, Associate Professor, ISMU	Permanent Invitee
23.	Shri A. Choudhury, Chief Geologist, DGM, Assam	Special Invitee
24.	Shri S.K. Kenye, Add. Director, DGM, Nagaland	Special Invitee
25.	Shri U.K. Biswas, Director, GSI	Invitee
26.	Dr. S. Mukherjee, Director, GSI.	Invitee
27.	Shri R.N. Patra, Director, GSI.	Invitee
28.	Shri D. Bhattacharya, Director, GSI	Invitee
29.	Shri A. Bondopadhyay, Director, GSI	Invitee
30.	Shri M.M. Singh, Director, GSI,	Invitee
31.	Shri S. Ramakrishna Setty, Director, GSI	Invitee
32.	Shri S. Shivanna, Director, GSI	Invitee
33.	Dr. D.C. Ghosh, Director, GSI	Invitee
34.	Smt. S. Bandopadhyay, Director, GSI	Invitee
35.	Shri S. Chakraborty, Director, GSI	Invitee
36.	Shri B. Nageswaran, Director, GSI	Invitee
37.	Shri B. B. Swain, Director, GSI	Invitee
38.	Shri S.K. Lahiri, Director, GSI	Invitee
39.	Shri J.S. Savant, Manager, MECL	Invitee
40.	Shri S. Mitra, Sr. Manager, MECL	Invitee
41.	Shri M.K. Mehta, Dy. Chief Geologist, CMPDIL	Invitee
42.	Shri P.K. Sinha, RIL,	Invitee
43.	Shri S. Dasgupta, Geologist (Sr.), GSI.	Invitee
44.	Shri P.K. Parui, Geologist (Sr.), GSI.	Invitee
45.	Shri S. Gupta, Geologist (Sr.), GSI.	Invitee