



**WEST BENGAL MINERAL DEVELOPMENT &
TRADING CORPORATION LTD**

(A Govt. of West Bengal Undertaking)

CIN : U14219WB1973SGC028707
Regd. Office : WBIDC Building, 3rd Floor,
DJ-10, Sector-II, Salt Lake, Kol-700091,
Phone : 033-2359-0073
Email : wbmdtcl.gabc@gmail.com
www.mdtcl.wb.gov.in

Memo No: MDTC/PM-5/144(F)/Pt-II/2590

Date: 11.10.2023

To
The Additional Chief Secretary
Department of Forest, Government of West Bengal
Aranya Bhawan, LA-10A Block, Sector-III,
Saltlake, Kolkata-700 106

Sub: Request for reopening/reconsideration of Proposal No. FP/WB/MIN/26869/2017 for diversion of 109.459ha forest for Gourangdih ABC Coal Mine of WBMDTCL.

Ref: Letter in Memo No. 8-03/2019FC dated 17.08.2023 of AIG Forests, MoEFCC, New Delhi [Annexure-1]

Sir,

In reference to the above, this is to submit the following for your kind consideration;

- i) The coal mine was allocated to WBMDTCL by the Ministry of Coal, Govt. of India in September, 2016 along with an approved mining plan prepared in 2011 by the prior allottee of the coal block who did not operate the mine.
- ii) Operationalisation of the mine, inter alia, required diversion of 109.459 Ha of forest land (protected forest). Accordingly, WBMDTCL made the above referred Application (Proposal No. FP/WB/MIN/26869/2017) through Parivesh Portal in July-2017 for diversion of 109.459 Ha forest.
- iii) After passing through several stages of scrutiny, field inspections, EDS etc. by the concerned authorities of the State and Central Govt. and subsequent compliance/clarifications by WBMDTCL, the proposal was forwarded by State Government to MoEFCC Head Office on 10.03.2023. [Ref. EDS History given at Annexure-2].
- iv) The Advisory Committee (AC), MoEFCC, New Delhi considered the proposal in its meeting on 24.03.2023 and, *inter alia*, observed the following;
 - a) There were contradictions in respect of the pre-mining land uses mentioned in the 2011 mining plan and those of the FC application and advised submission of mining plan as per extant guideline.
 - b) The AC in its said meeting on 24.03.2023 also constituted a Sub-Committee to visit the area and submit report.
- v) Immediately thereafter on 30.03.2023, WBMDTCL had applied for revision of the 2011 mining plan to the Ministry of Coal, Gol.
- vi) The AC Sub-committee visited site on 29.05.2023 and, *inter alia*, also advised to submit the revised mining plan incorporating corrected land use map.
- vii) The proposal was subsequently returned by Nodal Officer (through CCF/DFO) to WBMDTCL on 17.07.2023 in Parivesh Portal with direction/EDS for compliance of site visit recommendations of the Sub-Committee. [Ref. Annexure- 2]



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- viii) However, the Advisory Committee, MoEFCC Head Office simultaneously took up the proposal in its meeting on **17.07.2023** itself at a time when it was actually pending for EDS compliance at WBMDTCL (User Agency) end on PARIVESH portal. The AC, MoEFCC eventually rejected the proposal on 17.07.2023 for non-compliance of EDS.
- ix) Thus, obviously WBMDTCL (User Agency) did not get reasonable time for compliance of the EDS dated 17.07.2023, and the AC, MoEFCC did not actually have the requisite materials before it, viz., the EDS compliance report, supporting documents, views/ recommendation of the State Government etc. while it considered and eventually rejected the proposal on 17.07.2023.
- x) Subsequently, the Ministry of Coal has approved the revised Mining Plan on 09.10.2023 which has been uploaded at S. No. 09 of Additional Information Details on PARIVESH Portal.
- xi) Thus, compliances of all observations of the Advisory Committee as well as the AC Sub-Committee's EDS, along with all requisite documents including approved revised mining plan, have now been uploaded in PARIVESH portal.
- xii) It is further clarified as follows;
- a) There has been no change in the proposal in terms of scope, purpose and other important aspects.
 - b) All the required information has been made available, and
 - c) Delay in providing information was mainly because of the delay in granting approval of the revised Mining Plan by Ministry of Coal, GoI which was beyond the control of WBMDTCL (User Agency).

xiii) *De novo* submission of the proposal at this stage would further delay starting of the mine.

In view of the above, it is prayed that the Proposal No. FP/WB/MIN/26869/2017 for diversion of 109.459 ha forest for Gourangdih ABC Coal Mine of WBMDTCL may kindly be reopened and reconsidered in the light of the compliance report in respect of the EDS dated 24.03.2023 given at **Annexure - 3**, and the compliance report of the observations of Sub-Committee given at **Annexure - 4**.

Your kind cooperation and an early action in this matter would be immensely helpful in starting of the project that has been considerably delayed due to various reasons beyond the control of WBMDTCL.

Thanking you,

Encl.: As stated above.

Yours faithfully,


Chairman and Managing Director

Government of India
Ministry of Environment Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi-110003
Dated: August, 2023

To,

Additional Chief Secretary (Forests),
Government of West Bengal,
Aranya Bhawan, Block LA-10A,
Sector-III, Salt Lake,
Kolkata- 700106

Subject: Diversion of 109.459 ha of forest land for Open Cast Coal Mining Project at Gourangdih ABC coal mine in favour of WB Mineral Development and Trading Corporation under Durgapur Forest Division, West Bengal.

Madam/Sir,

I am directed to refer to the subject cited proposal and to convey that the instant proposal has been considered by Advisory Committee (AC) in its meeting held on 17.07.2023. The detailed minutes of the meeting are available on PARIVESH portal at www.parivesh.nic.in.

2. The Advisory Committee had detailed discussion and deliberation with Nodal officer (FCA), West Bengal and concerned Dy. Director General of Forest(C), Regional Office. After going through the facts of the proposal and the report of the sub-committee constituted on the recommendation of AC by Ministry on 24.04.2023, the Advisory Committee observed that:

- i. The revised mining plan for the instant proposal is yet to be approved by the Ministry of Coal. In view of this, the land use needs be revised and their details with map are to be uploaded on PARIVESH portal.
- ii. The safety zone along the periphery of the proposed mining area has not been marked by the user agency.
- iii. The user agency has not explored the possibilities of identifying the dumping areas outside the forest area.
- iv. The reply on Ministry's letter dated 24.04.2023, as sought on the recommendation of AC on 24.03.2023, has not yet been received from Govt. of West Bengal.
- v. The Ministry vide its letter dated 20.06.2023 shared the sub-committee report with Government of West Bengal with a request for providing para-wise comments. The same was also not provided by the State Government.

3. Keeping in view the above observations, the recommendation of the Advisory

I/50728/2023

Committee and with the approval of the competent authority, it has been decided that the proposal cannot be acceded to in present proposition and the same is therefore rejected. The User agency will however be at liberty to submit the complete proposal *de-novo*.

Signed by
Suneet Bhardwaj
Date: 17-08-2023 16:27:58

Yours faithfully,

(Suneet Bhardwaj)
Assistant Inspector General of Forests

Copy to:

1. The Principal Chief Conservator of Forests (HoFF), Government of West Bengal, Kolkata.
2. The Deputy Director General of Forest (Central), Regional Office, Bhubaneswar.
3. The Sub- Office of MoEF&CC, Kolkata
4. The Nodal Officer (FCA), O/o the PCCF (HoFF), Government of West Bengal, Kolkata.
5. User Agency.
6. Monitoring Cell, FC Division, MoEF&CC, New Delhi.








Annexure-2













Print















Proposal No. - (FP/WB/MIN/26869/2017)

From	Status	To	EDS Date	EDS sought/Replied	EDS Letter
Nodal Officer	EDS	CF (South- East Circle)	12/12/2018	Geo reference map of CA land is improper. It should be prepared by DGPS in this station to station reading with sufficient GPS coordinates.	
CF (South- East Circle)	EDS	DFO (Durgapur)	13/12/2018	Geo reference map of CA land is improper. It should be prepared by DGPS in this station to station reading with sufficient GPS coordinates.	
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	18/12/2018	Geo reference map of CA land is improper. It should be prepared by DGPS in this station to station reading with sufficient GPS coordinates.	
User Agency (wbmdtcltd.coalmine@gmail.com)	REPLY	DFO (Durgapur)	19/12/2018	The correction have been made as per the instruction received	
DFO (Durgapur)	REPLY	CF (South- East Circle)	19/12/2018	The correction have been made as per the instruction received	
CF (South- East Circle)	REPLY	Nodal Officer	19/12/2018	The EDS given	
Head Office	EDS	State secretary	16/07/2019	EDS	
State secretary	REPLY	Head Office	16/03/2021	Compliance Report submitted by user agency.	
Head Office	EDS	State secretary	13/04/2021	EDS	
State secretary	EDS	Nodal Officer	23/12/2021	Furnish reply of queries raised by MoEF	

From	Status	To	EDS Date	EDS sought/Replied	Print ▼	EDS Letter
Nodal Officer	EDS	CF (South- East Circle)	28/12/2021	PI upload EDS raised by MoEF&CC. Letter emailed separately also. MoEF&CC letter dated 12April2021 made some observations, some of which were addressed earlier by CCF SEC & DFO Durgapur. Now pl address & upload your response to said observations in totality including those highlighted in this office letter dated 28Dec2021.		
CF (South- East Circle)	EDS	DFO (Durgapur)	19/01/2022	Gourandhi ABC Coal Mine		
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	20/01/2022	Returned herewith for uploading of the modified CA area including KML & geo referenced Map.		
User Agency (wbmdtcltd.coalmine@gmail.com)	REPLY	DFO (Durgapur)	21/01/2022	The correction have been made as per the instruction received		
DFO (Durgapur)	REPLY	CF (South- East Circle)	25/01/2022	Proposal resubmitted after necessary entries of CA Estimate, Land Suitability & reply to queries raised by the MoEFCC in April, 2021.		
CF (South- East Circle)	REPLY	Nodal Officer	27/01/2022	Toposheet, KML file and Geo referenced maps of CA lands uploaded by the user agency and verified by the DFO. CA estimates have been prepared by the DFO Birbhum and Durgapur Division and countersigned by the undersigned. The same has been uploaded by the DFO Durgapur. Land suitability report by the concerned DFO's also uploaded by the DFO, Durgapur. Replay to the queries raised by the MoEF & CC on 12 April 2021 has also been uploaded by the DFO Durgapur (queries related to forest diversion land). Queries related to CA land is uploaded herewith. Hence, compliance all the essentials the file is submitted online herewith.		
Nodal Officer	REPLY	State secretary	01/02/2022	reply to EDS raised by MoEF&CC		

From	Status	To	EDS Date	EDS sought/Replied	Print ▼	EDS Letter
State secretary	REPLY	Head Office	08/02/2022	Reply to the queries		
Head Office	EDS	State secretary	11/04/2022	eds		
State secretary	EDS	Nodal Officer	14/04/2022	Kindly submit reply to the queries raised by MoEF		
Nodal Officer	EDS	CF (South- East Circle)	18/04/2022	Please address issues raised by Gol		
CF (South- East Circle)	EDS	DFO (Durgapur)	19/04/2022	Please address issues raised by Gol		
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	20/04/2022	Please address issues raised by the GOI as uploaded herewith.		
User Agency (wbmdtcltd.coalmine@gmail.com)	REPLY	DFO (Durgapur)	20/04/2022	The correction have been made as per the instruction received		
DFO (Durgapur)	REPLY	CF (South- East Circle)	21/04/2022	Essential details as sought by the GOI have been uploaded by the user agency.		
CF (South- East Circle)	REPLY	Nodal Officer	21/04/2022	Essential details as sought by the Government of India have been uploaded by the User Agency.		
Nodal Officer	REPLY	State secretary	22/04/2022	Clarifications received for Gourangdih coal mines may kindly be forwarded to the IRO Kolkata		
State secretary	EDS	Nodal Officer	28/04/2022	Kindly obtain comments of CWLW on first observation of MoEF and reply of user agency on safety zone and dump yard with more clarity		
Nodal Officer	EDS	CF (South- East Circle)	29/04/2022	pl address issues & ensure attendance and clarifications during presentation scheduled on 6th May 2022 at 2pm at Aranya Bhavan, Kolkata		

From	Status	To	EDS Date	EDS sought/Replied	Print ▼	EDS Letter
CF (South- East Circle)	EDS	DFO (Durgapur)	06/05/2022	pl address issues & ensure attendance and clarifications during presentation scheduled on 6th May 2022 at 2pm at Aranya Bhavan, Kolkata		
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	07/05/2022	The proposal is sent back herewith to incorporate & upload the necessary clarification as discussed on 6th May, 2022 in the meeting held at Forest Directorate H/Q , Kolkata		
User Agency (wbmdtcltd.coalmine@gmail.com)	REPLY	DFO (Durgapur)	18/10/2022	The correction have been made as per the instruction received		
DFO (Durgapur)	REPLY	CF (South- East Circle)	21/10/2022	The necessary correction have been made by the User Agency as per the instruction		
CF (South- East Circle)	REPLY	Nodal Officer	23/11/2022	Gourangdih ABC Coal Mine		
Nodal Officer	REPLY	State secretary	23/11/2022	may pl be forwarded to IRO Kolkata		
State secretary	REPLY	Head Office	25/11/2022	Reply of EDS has been furnished		
Head Office	EDS	State secretary	03/03/2023	EDS		
State secretary	REPLY	Head Office	10/03/2023	Nodal Officer is directed to attend the next meeting of FAC when it is scheduled		
Head Office	EDS	State secretary	24/04/2023	EDS		
State secretary	EDS	Nodal Officer	26/04/2023	Kindly furnish reply to the queries raised by MoEF		
Nodal Officer	EDS	CF (South- East Circle)	27/04/2023	Please forward to User Agency for submitting EDS replies		

From	Status	To	EDS Date	EDS sought/Replied	Print ▼	EDS Letter
CF (South- East Circle)	EDS	DFO (Durgapur)	02/05/2023	Please forward to User Agency for submitting EDS replies		⊘
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	02/05/2023	Forwarded to User Agency for submitting EDS replies		⊘
User Agency (wbmdtcltd.coalmine@gmail.com)	REPLY	DFO (Durgapur)	14/07/2023	The correction have been made as per the instruction received		⊘
DFO (Durgapur)	REPLY	CF (South- East Circle)	14/07/2023	The user agency submitted the reply as per observation of the last FAC.		⊘
CF (South- East Circle)	REPLY	Nodal Officer	15/07/2023	The user agency submitted the EDS replies as per observation.		⊘
Nodal Officer	EDS	CF (South- East Circle)	16/07/2023	EDS not addressed properly. Current approved mining, land use map with kml files, safety zone map etc have not been amrked out. UA must revise proposal as per site visit recommendations & resubmit with all documents		📄
CF (South- East Circle)	EDS	DFO (Durgapur)	17/07/2023	EDS not addressed properly. Current approved mining, land use map with kml files, safety zone map etc have not been marked out. UA must revise proposal as per site visit recommendations and resubmit with all documents.		⊘
DFO (Durgapur)	EDS	User Agency (wbmdtcltd.coalmine@gmail.com)	17/07/2023	EDS not addressed properly. Current approved mining, land use map with kml files, safety zone map etc have not been marked out. Revise proposal to be resubmit with all documents.		⊘

Report of Compliance/Clarification of the observations of the FAC meeting dated 24.03.2023 [Enclosure-1] in connection with Diversion of 109.459 Ha of forest land for Open Cast Mining project at Gourangdih ABC Coal Mine in favour of West Bengal Mineral Development and Trading Corporation under Durgapur Forest Division, West Bengal																																												
A. Compliance of the observations made by the FAC in its meeting dated 24.03.2023 (Ref. File No. 8-03/2019FC).																																												
Para No	Observation	Compliance																																										
2. (i)	<p>The total area involved in the project is 356.575 ha, comprising of 247.116 ha of non-forest land and 109.459 ha of forest land. Corresponding detail of area mentioned in the approved Mining Plan are different wherein total area has been mentioned as 370 ha comprising of 92.53 ha of forest land and 277.47 ha of non-forest land. The State Govt. has mentioned that as per Rule 22E (3) (i) of the Mineral Concession (Amendment) Rules, 2020, this change in land type within lease area comes under 'minor changes' in the approved mining plan and does not require fresh approval of the mining plan. The Rule 22E (3)(i) however refers to the "change in land type within the leased area" as a minor change, whereas in the instant case the area has been reduced from 370 ha to 356.575 ha. Moreover 65.09 ha additional area has been taken outside the block. The purpose/component wise breakup of the required area has to be in conformity with the mining plan. The same needs to be examined by the State Government. The State Govt. shall ensure to submit the mining plan as required under extant guidelines.</p>	<ul style="list-style-type: none"> Annexure 2B of approved Mining Plan may kindly be referred to this context [Enclosure-2]. It will appear as follows; <ul style="list-style-type: none"> i) The vested cardinal points area as per Allotment Order for geological block Latitude: 23° 48'30" N & 23° 49'45" N Longitude: 86° 57'45" E & 87° 00'15" E ii) Lease Area : 356.575 Ha iii) Project Area : 356.575 Ha iv) Geological Block area : 370.00 Ha Component-wise breakup of the project area is as follows <table border="1"> <thead> <tr> <th>Sl. No.</th><th>Component</th><th>Forest Land (ha.)</th><th>No Forest Land (ha.)</th><th>Total Area (ha)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Quarry Area</td><td>92.342</td><td>150.478</td><td>242.820</td></tr> <tr> <td>2</td><td>Top Soil Dump</td><td>0.000</td><td>4.070</td><td>4.070</td></tr> <tr> <td>3</td><td>Over Burden Dump</td><td>8.844</td><td>38.225</td><td>47.069</td></tr> <tr> <td>4</td><td>Safety Zone</td><td>1.950</td><td>8.08</td><td>10.03</td></tr> <tr> <td>5</td><td>Other Use</td><td>4.887</td><td>38.489</td><td>43.376</td></tr> <tr> <td>6</td><td>Road & Infrastructure area</td><td>1.436</td><td>7.774</td><td>9.210</td></tr> <tr> <td colspan="2">Total</td><td>109.459</td><td>247.116</td><td>356.575</td></tr> </tbody> </table> <ul style="list-style-type: none"> Necessary modification with regard to the requirement for diversion of 109.459 ha forest land has been made in the Approved Mining Plan (AMP-2023) which has been duly approved by the Ministry of Coal, Government of India. The said Approved Mining Plan-2023 is uploaded at Sl. No. 9 of Additional Information Details of FORM-A (Part-I). It will appear that the purpose/component wise breakup of the required area is in conformity with the mining plan. 			Sl. No.	Component	Forest Land (ha.)	No Forest Land (ha.)	Total Area (ha)	1	Quarry Area	92.342	150.478	242.820	2	Top Soil Dump	0.000	4.070	4.070	3	Over Burden Dump	8.844	38.225	47.069	4	Safety Zone	1.950	8.08	10.03	5	Other Use	4.887	38.489	43.376	6	Road & Infrastructure area	1.436	7.774	9.210	Total		109.459	247.116	356.575
Sl. No.	Component	Forest Land (ha.)	No Forest Land (ha.)	Total Area (ha)																																								
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2. (ii)	A copy of approved Wild Conservation Plan shall be submitted.	<p>The approved Wildlife Conservation Plan is uploaded at Sl. No. 10 of Additional information Details in FORM-A (Part-I).</p> <ul style="list-style-type: none"> WBMTDCL undertakes that Wildlife Conservation Plan would be implemented and the mitigation measures as stated would be followed WBMTDCL undertakes to spend the capital investment for activities which contribute to wildlife conservation as given in the Wildlife Conservation Plan. 																																										

2. (iii)	<p>The State Govt. shall explore the possibility to exclude the area proposed for dumping on forestland and explore alternatives on adjoining non-forest land. The KML file of the area proposed for dumping shall also be submitted.</p>	<ul style="list-style-type: none"> • Vide Memo No. 1716/DLRO-PAB/2023 dated 11.05.2023 [Enclosure-3] of the District Magistrate, Paschim Bardhaman, West Bengal, it has been clarified that no such alternative non-forest land is available in the adjoining area of the Gourangdih ABC Coal Mine. • KML file of the project area including the area proposed for dumping is uploaded at Sl. No. M-2 (vii), Form-A (Part-I).
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Government of India
Ministry of Environment, Forests and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi – 1100 03
Dated: April, 2023

To,

The Principal Secretary,
Government of West Bengal,
Kolkata-700 098

Sub: Diversion of 109.459 ha of forest land for Open Cast Coal Mining Project at Gourangdih ABC coal mine in favour of WB Mineral Development and Trading Corporation under Durgapur Forest Division, West Bengal.

Madam/Sir,

I am directed to refer to the above subject proposal and to convey that the instant proposal has been considered by Advisory Committee (AC) in its meeting held on 24.03.2023. The minutes of the meeting are available on PARIVESH portal at www.parivesh.nic.in.

2. The AC, after detailed deliberation with Nodal officer (FCA), Govt. of West Bengal, Regional Officer, IRO, Kolkata and Chief Managing Director, WB Mineral Development & Trading Corporation and after going through the facts of the proposal, deferred the proposal with the following observations:

- i. The total area involved in the project is 356.575 ha, comprising of 247.116 ha of non-forest land and 109.459 ha of forest land. Corresponding detail of area mentioned in the approved Mining Plan are different wherein total area has been mentioned as 370 ha comprising of 92.53 ha of forest land and 277.47 ha of non-forest land. The State Govt. has mentioned that as per Rule 22E (3) (i) of the Mineral Concession (Amendment) Rules, 2020, this change in land type within lease area comes under 'minor changes' in the approved mining plan and does not require fresh approval of the mining plan. The Rule 22E (3)(i) however refers to the "change in land type within the leased area" as a minor change, whereas in the instant case the area has been reduced from 370 ha to 356.575 ha. Moreover 65.09 ha additional area has been taken outside the block. The purpose/component wise breakup of the required area has to be in conformity with the mining plan. The same needs to be examined by the State Government. The State Govt. shall ensure to submit the mining plan as required under extant guidelines.
- ii. A copy of approved Wild Conservation Plan shall be submitted.
- iii. The State Govt. shall explore the possibility to exclude the area

proposed for dumping on forestland and explore alternatives on adjoining non-forest land. The KML file of the area proposed for dumping shall also be submitted.

- iv. Since the composition of the Advisory Committee has now been changed and the sub-committee as constituted earlier could not visit the area, therefore, a committee consisting of Advisory Committee member Shri Manoj Pant and representatives of Ministry/IRO shall visit the area and submit report.

3. In view of above, Government of West Bengal is requested to provide their response on the points as indicated at para 2 [(i) to (iii)] above for further consideration of the proposal in the Ministry.

Signed by Suneet Bhardwaj

Date: 24-04-2023 10:16:19

Reason: Approved

Yours faithfully,

Sd/-

(Suneet Bhardwaj)

Assistant Inspector General of Forests (FC)

Copy to:

1. The Principal Chief Conservator of Forests, Government of West Bengal, Kolkata.
2. The Nodal Officer (FCA), O/o the PCCF, Government of West Bengal, Kolkata.
3. Dy. Director General (Central), Regional Office, Kolkata.
4. User agency.
5. Monitoring Cell of FC Division, MoEF&CC, New Delhi.

Annexure 2B

**INDIAN MINE PLANNERS & CONSULTANTS**

(Geology, Mining, Environment & Allied Engineering)

ISO 9001:2015 Certified

QCI-NABET

Accredited Prospecting Agency (APA), Mining Plan Preparing Agency (MPPA),
EIA Consultant Organisation (ECO) & Exploration Agencies In Mineral Sector (AEA)**ANNEXURE-IIB****Certification of Project Area, Proposed Mining Lease area and Geological Block area**

This is Certified that the Cardinal Points considered for preparation of the Mine Plan and Mine Closure Plan of Gourangdih-ABC(Ist Modification) Coal Mine situated in Raniganj Coalfield, Paschim Bardhaman district of West Bengal State, is in line with the Allotment order F.No 103/6/2016/NA dated September 29,2016. The block does not encroach any other adjacent block. All proposed mining activities, overburden dumping area and infrastructure locations are proposed within allocated cardinal points *coordinates and the lease obtained by the block allottee M/s West Bengal Mineral Development and Trading Corporation Ltd.*

The vested cardinal points area as per Allotment Order for geological block

Latitude 23° 28' 30" – 23° 49' 45" N

Longitude 86° 57' 45" - 87° 00' 15" E

Lease Area : 356.575 Ha

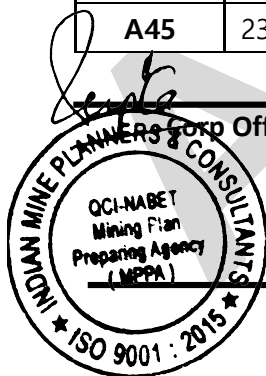
Project Area : 356.575 Ha

Geological Block area : 370.00 Ha

The coordinates of the lease acquired for the Project purpose by the project proponent as per previous Approved Mine Plan(2011) are given as below :

GOURANGDIH - ABC GEOLOGICAL BLOCK BOUNDARY CO-ORDINATES		
ID	LATITUDE	LONGITUDE
G-1	23° 49' 30.448" N	86° 57' 44.983" E
G-2	23° 49' 32.894" N	86° 57' 48.115" E
G-3	23° 49' 33.005" N	86° 57' 49.255" E
G-4	23° 49' 34.129" N	86° 57' 50.531" E
A44	23° 49' 35.286" N	86° 57' 53.294" E
G-5	23° 49' 35.411" N	86° 57' 53.592" E
A45	23° 49' 35.896" N	86° 57' 55.085" E

BLOCK - A PROJECT BOUNDARY CO-ORDINATES		
PILLAR ID	LATITUDE	LONGITUDE
A1	23° 49' 33.001" N	86° 58' 22.156" E
A1'	23° 49' 33.495" N	86° 58' 22.128" E
A2	23° 49' 43.691" N	86° 58' 21.392" E
A3	23° 49' 45.153" N	86° 58' 21.111" E
A4	23° 49' 45.489" N	86° 58' 21.967" E
A5	23° 49' 44.893" N	86° 58' 36.871" E
A6	23° 49' 41.267" N	86° 58' 38.634" E



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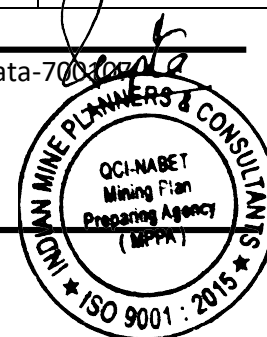


G-6	23° 49' 36.237" N	86° 57' 56.578" E	A7	23° 49' 39.601" N	86° 58' 38.996" E
A46	23° 49' 36.475" N	86° 57' 57.739" E	A8	23° 49' 38.913" N	86° 58' 39.037" E
A47	23° 49' 36.564" N	86° 57' 58.446" E	A9	23° 49' 38.029" N	86° 58' 40.112" E
A48	23° 49' 36.563" N	86° 57' 59.456" E	A10	23° 49' 34.059" N	86° 58' 41.167" E
G-7	23° 49' 36.532" N	86° 58' 00.146" E	A11	23° 49' 32.013" N	86° 58' 41.161" E
G-8	23° 49' 36.217" N	86° 58' 00.129" E	A11'	23° 49' 30.492" N	86° 58' 41.249" E
A50	23° 49' 36.069" N	86° 58' 00.852" E	A12	23° 49' 29.481" N	86° 58' 41.255" E
A51	23° 49' 36.186" N	86° 58' 02.528" E	A12'	23° 49' 27.987" N	86° 58' 41.402" E
A52	23° 49' 36.224" N	86° 58' 04.278" E	A12''	23° 49' 27.787" N	86° 58' 41.429" E
A53	23° 49' 36.066" N	86° 58' 06.512" E	A13	23° 49' 27.525" N	86° 58' 41.466" E
A54	23° 49' 35.757" N	86° 58' 08.539" E	A13'	23° 49' 27.044" N	86° 58' 42.272" E
G-9	23° 49' 35.257" N	86° 58' 11.083" E	A14	23° 49' 27.003" N	86° 58' 43.406" E
G-10	23° 49' 34.062" N	86° 58' 14.431" E	A15	23° 49' 26.653" N	86° 58' 46.724" E
G-11	23° 49' 33.967" N	86° 58' 18.111" E	A16	23° 49' 21.277" N	86° 58' 42.817" E
G-12	23° 49' 33.838" N	86° 58' 18.695" E	A17	23° 49' 18.036" N	86° 58' 36.751" E
G-13	23° 49' 33.689" N	86° 58' 19.592" E	A18	23° 49' 17.433" N	86° 58' 31.028" E
G-14	23° 49' 33.586" N	86° 58' 20.659" E	A19	23° 49' 15.884" N	86° 58' 28.194" E
A1'	23° 49' 33.495" N	86° 58' 22.128" E	A20	23° 49' 12.442" N	86° 58' 25.081" E
G-15	23° 49' 33.023" N	86° 58' 26.152" E	A21	23° 49' 08.528" N	86° 58' 25.437" E
G-16	23° 49' 32.916" N	86° 58' 28.851" E	A22	23° 49' 03.839" N	86° 58' 25.344" E
G-17	23° 49' 32.493" N	86° 58' 31.388" E	A23	23° 48' 55.709" N	86° 58' 26.982" E
G-18	23° 49' 32.294" N	86° 58' 32.096" E	A24	23° 48' 53.365" N	86° 58' 27.149" E
G-19	23° 49' 29.145" N	86° 58' 31.788" E	A25	23° 48' 52.486" N	86° 58' 21.162" E
G-20	23° 49' 28.052" N	86° 58' 36.229" E	A25'	23° 48' 52.873" N	86° 58' 16.557" E
G-21	23° 49' 28.376" N	86° 58' 36.874" E	A26	23° 48' 53.108" N	86° 58' 12.465" E
G-22	23° 49' 27.808" N	86° 58' 41.173" E	A26'	23° 48' 52.914" N	86° 58' 08.888" E
A12''	23° 49' 27.787" N	86° 58' 41.429" E	A27	23° 48' 52.805" N	86° 58' 04.719" E
G-23	23° 49' 27.494" N	86° 58' 44.882" E	A28	23° 49' 01.709" N	86° 58' 00.342" E
G-24	23° 49' 27.226" N	86° 58' 47.283" E	A28'	23° 49' 04.019" N	86° 57' 59.093" E
G-25	23° 49' 26.849" N	86° 58' 48.787" E	A29	23° 49' 09.211" N	86° 57' 56.301" E
G-26	23° 49' 26.674" N	86° 58' 49.275" E	A29'	23° 49' 14.126" N	86° 57' 53.821" E
G-27	23° 49' 25.889" N	86° 58' 50.886" E	A29''	23° 49' 17.244" N	86° 57' 52.023" E
G-28	23° 49' 25.208" N	86° 58' 51.952" E	A29'''	23° 49' 21.169" N	86° 57' 50.382" E
G-29	23° 49' 24.418" N	86° 58' 53.041" E	A30	23° 49' 22.438" N	86° 57' 49.762" E

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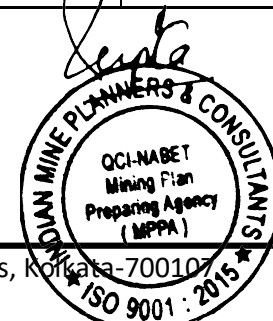
G-30	23° 49' 23.589" N	86° 58' 53.462" E
G-31	23° 49' 23.024" N	86° 58' 51.414" E
G-32	23° 49' 21.915" N	86° 58' 48.633" E
G-33	23° 49' 21.062" N	86° 58' 48.067" E
G-34	23° 49' 18.087" N	86° 58' 54.026" E
G-35	23° 49' 17.038" N	86° 58' 56.156" E
G-36	23° 49' 14.007" N	86° 58' 59.598" E
C41'	23° 49' 13.007" N	86° 59' 01.034" E
G-37	23° 49' 12.207" N	86° 59' 02.859" E
G-38	23° 49' 11.526" N	86° 59' 03.908" E
G-39	23° 49' 11.003" N	86° 59' 05.007" E
G-40	23° 49' 10.385" N	86° 59' 06.864" E
G-41	23° 49' 09.967" N	86° 59' 08.083" E
G-42	23° 49' 09.704" N	86° 59' 09.025" E
G-43	23° 49' 09.566" N	86° 59' 10.582" E
G-44	23° 49' 09.518" N	86° 59' 12.781" E
G-45	23° 49' 09.288" N	86° 59' 14.667" E
G-46	23° 49' 08.937" N	86° 59' 16.421" E
G-47	23° 49' 08.605" N	86° 59' 17.783" E
G-48	23° 49' 08.029" N	86° 59' 19.082" E
G-49	23° 49' 08.316" N	86° 59' 21.397" E
G-50	23° 49' 08.118" N	86° 59' 22.032" E
G-51	23° 49' 07.945" N	86° 59' 23.198" E
G-52	23° 49' 07.532" N	86° 59' 24.365" E
G-53	23° 49' 06.814" N	86° 59' 26.189" E
G-54	23° 49' 06.167" N	86° 59' 27.475" E
G-55	23° 49' 05.152" N	86° 59' 29.409" E
C4''	23° 49' 04.095" N	86° 59' 31.175" E
G-56	23° 49' 03.752" N	86° 59' 31.747" E
G-57	23° 49' 02.718" N	86° 59' 33.179" E
G-58	23° 49' 02.202" N	86° 59' 34.007" E
G-59	23° 49' 01.595" N	86° 59' 35.676" E

A31	23° 49' 23.018" N	86° 57' 49.458" E
A31'	23° 49' 22.953" N	86° 57' 49.087" E
A32	23° 49' 20.796" N	86° 57' 45.553" E
A32'	23° 49' 21.491" N	86° 57' 44.665" E
A33	23° 49' 21.691" N	86° 57' 44.448" E
A34	23° 49' 22.095" N	86° 57' 44.089" E
A35	23° 49' 24.237" N	86° 57' 42.779" E
A36	23° 49' 25.572" N	86° 57' 42.015" E
A37	23° 49' 27.063" N	86° 57' 41.506" E
A38	23° 49' 29.832" N	86° 57' 41.483" E
A39	23° 49' 30.768" N	86° 57' 41.243" E
A40	23° 49' 31.897" N	86° 57' 41.595" E
A41	23° 49' 32.218" N	86° 57' 45.563" E
A42	23° 49' 34.774" N	86° 57' 47.583" E
A43	23° 49' 35.284" N	86° 57' 49.189" E
A44	23° 49' 35.286" N	86° 57' 53.294" E
A45	23° 49' 35.896" N	86° 57' 55.085" E
A46	23° 49' 36.475" N	86° 57' 57.739" E
A47	23° 49' 36.564" N	86° 57' 58.446" E
A48	23° 49' 36.563" N	86° 57' 59.456" E
A49	23° 49' 36.429" N	86° 58' 00.881" E
A50	23° 49' 36.069" N	86° 58' 00.852" E
A51	23° 49' 36.173" N	86° 58' 02.528" E
A52	23° 49' 36.224" N	86° 58' 04.278" E
A53	23° 49' 36.066" N	86° 58' 06.512" E
A54	23° 49' 35.757" N	86° 58' 08.539" E
A55	23° 49' 34.946" N	86° 58' 10.918" E
A56	23° 49' 34.379" N	86° 58' 14.285" E
A57	23° 49' 33.579" N	86° 58' 18.634" E
A1	23° 49' 33.001" N	86° 58' 22.156" E

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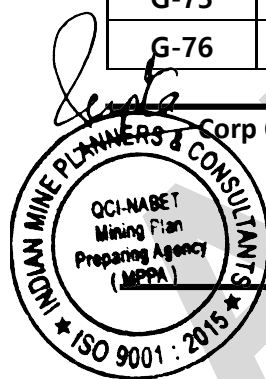
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G-60	23° 49' 00.924" N	86° 59' 37.766" E
G-61	23° 49' 00.537" N	86° 59' 38.931" E
G-62	23° 48' 59.582" N	86° 59' 44.712" E
C9'	23° 48' 59.304" N	86° 59' 46.153" E
G-63	23° 48' 57.771" N	86° 59' 54.087" E
G-64	23° 48' 55.749" N	86° 59' 59.387" E
G-65	23° 48' 55.572" N	87° 00' 00.021" E
G-66	23° 48' 55.418" N	87° 00' 00.962" E
G-67	23° 48' 55.233" N	87° 00' 02.007" E
G-68	23° 48' 55.147" N	87° 00' 03.207" E
G-69	23° 48' 55.022" N	87° 00' 04.474" E
C20	23° 48' 54.919" N	87° 00' 05.605" E
C21	23° 48' 54.794" N	87° 00' 07.204" E
C22	23° 48' 54.673" N	87° 00' 07.953" E
G-70	23° 48' 54.045" N	87° 00' 08.738" E
C22'	23° 48' 54.174" N	87° 00' 09.655" E
C23	23° 48' 53.882" N	87° 00' 10.384" E
G-71	23° 48' 53.469" N	87° 00' 10.982" E
G-72	23° 48' 52.712" N	87° 00' 12.003" E
C24	23° 48' 51.008" N	87° 00' 13.219" E
C24'	23° 48' 50.764" N	87° 00' 14.038" E
C24''	23° 48' 49.477" N	87° 00' 14.998" E
C25	23° 48' 50.319" N	87° 00' 10.911" E
C25'	23° 48' 49.059" N	87° 00' 05.694" E
C26	23° 48' 48.649" N	87° 00' 04.302" E
C26'	23° 48' 48.006" N	87° 00' 02.534" E
C27	23° 48' 47.349" N	87° 00' 00.481" E
C27'	23° 48' 46.005" N	86° 59' 56.109" E
C27''	23° 48' 44.008" N	86° 59' 52.626" E
C28	23° 48' 44.467" N	86° 59' 51.605" E
G-73	23° 48' 43.424" N	86° 59' 47.095" E
G-74	23° 48' 41.896" N	86° 59' 43.158" E
G-75	23° 48' 41.477" N	86° 59' 41.767" E
G-76	23° 48' 41.068" N	86° 59' 40.054" E

BLOCK - C PROJECT CO-ORDINATES

ID	LATITUDE	LONGITUDE
C1	23° 49' 28.619" N	86° 59' 04.672" E
C1'	23° 49' 27.878" N	86° 59' 10.126" E
C2	23° 49' 27.052" N	86° 59' 14.465" E
C3	23° 49' 23.956" N	86° 59' 21.797" E
C4	23° 49' 14.458" N	86° 59' 25.614" E
C4'	23° 49' 07.644" N	86° 59' 29.205" E
C4''	23° 49' 04.095" N	86° 59' 31.175" E
C5	23° 49' 03.299" N	86° 59' 31.616" E
C6	23° 49' 01.514" N	86° 59' 35.268" E
C7	23° 49' 00.327" N	86° 59' 38.084" E
C7'	23° 48' 59.069" N	86° 59' 41.047" E
C8	23° 48' 58.068" N	86° 59' 44.129" E
C9	23° 48' 58.473" N	86° 59' 44.999" E
C9'	23° 48' 59.304" N	86° 59' 46.153" E
C10	23° 48' 59.519" N	86° 59' 46.383" E
C11	23° 49' 01.423" N	86° 59' 48.003" E
C12	23° 49' 06.081" N	86° 59' 49.786" E
C13	23° 49' 08.488" N	86° 59' 52.218" E
C14	23° 49' 09.192" N	86° 59' 57.119" E
C15	23° 49' 08.482" N	87° 00' 02.254" E
C16	23° 49' 07.111" N	87° 00' 05.404" E
C17	23° 49' 06.122" N	87° 00' 06.062" E
C18	23° 49' 04.487" N	87° 00' 07.461" E
C19	23° 49' 01.777" N	87° 00' 07.461" E
C20	23° 48' 54.919" N	87° 00' 05.605" E
C21	23° 48' 54.794" N	87° 00' 07.204" E
C22	23° 48' 54.673" N	87° 00' 07.953" E
C22'	23° 48' 54.174" N	87° 00' 09.655" E
C23	23° 48' 53.882" N	87° 00' 10.384" E
C24	23° 48' 51.008" N	87° 00' 13.219" E
C24'	23° 48' 50.764" N	87° 00' 14.038" E
C24''	23° 48' 49.477" N	87° 00' 14.998" E



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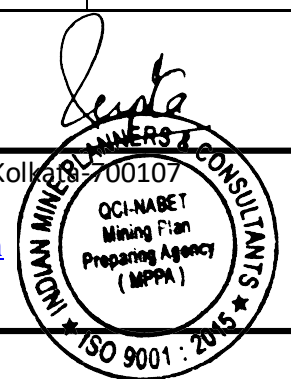


G-77	23° 48' 40.466" N	86° 59' 38.459" E	C25	23° 48' 50.319" N	87° 00' 10.911" E
G-78	23° 48' 39.831" N	86° 59' 35.981" E	C25'	23° 48' 49.059" N	87° 00' 05.694" E
G-79	23° 48' 38.594" N	86° 59' 31.808" E	C26	23° 48' 48.649" N	87° 00' 04.302" E
G-80	23° 48' 37.553" N	86° 59' 28.346" E	C26'	23° 48' 48.006" N	87° 00' 02.534" E
G-81	23° 48' 36.574" N	86° 59' 25.202" E	C27	23° 48' 47.349" N	87° 00' 00.481" E
G-82	23° 48' 35.509" N	86° 59' 21.894" E	C27'	23° 48' 46.005" N	86° 59' 56.109" E
G-83	23° 48' 34.412" N	86° 59' 18.492" E	C27''	23° 48' 44.008" N	86° 59' 52.626" E
G-84	23° 48' 33.778" N	86° 59' 16.727" E	C28	23° 48' 44.467" N	86° 59' 51.605" E
G-85	23° 48' 32.575" N	86° 59' 14.443" E	C29	23° 48' 46.417" N	86° 59' 47.997" E
G-86	23° 48' 33.522" N	86° 59' 11.425" E	C30	23° 48' 47.303" N	86° 59' 45.025" E
G-87	23° 48' 34.008" N	86° 59' 10.018" E	C31	23° 48' 47.725" N	86° 59' 42.792" E
G-88	23° 48' 34.748" N	86° 59' 08.225" E	C32	23° 48' 47.038" N	86° 59' 40.548" E
G-89	23° 48' 35.501" N	86° 59' 06.332" E	C32'	23° 48' 35.377" N	86° 59' 18.667" E
G-90	23° 48' 36.081" N	86° 59' 05.022" E	C33	23° 48' 34.302" N	86° 59' 16.189" E
G-91	23° 48' 37.178" N	86° 59' 03.105" E	C34	23° 48' 33.871" N	86° 59' 13.043" E
G-92	23° 48' 38.812" N	86° 59' 00.907" E	C35	23° 48' 34.861" N	86° 59' 10.017" E
G-93	23° 48' 40.404" N	86° 58' 58.593" E	C35'	23° 48' 43.306" N	86° 58' 54.797" E
G-94	23° 48' 42.167" N	86° 58' 55.974" E	C36	23° 48' 43.995" N	86° 58' 53.496" E
G-95	23° 48' 43.221" N	86° 58' 54.408" E	C37	23° 48' 45.035" N	86° 58' 52.007" E
C36	23° 48' 43.995" N	86° 58' 53.496" E	C37'	23° 48' 49.321" N	86° 58' 52.617" E
C37	23° 48' 45.035" N	86° 58' 52.007" E	C37''	23° 48' 52.753" N	86° 58' 53.075" E
G-96	23° 48' 45.931" N	86° 58' 51.228" E	C38	23° 48' 54.345" N	86° 58' 53.028" E
G-97	23° 48' 46.425" N	86° 58' 50.363" E	C39	23° 48' 57.511" N	86° 58' 52.513" E
G-98	23° 48' 46.941" N	86° 58' 49.241" E	C40	23° 49' 01.314" N	86° 58' 52.858" E
G-99	23° 48' 47.285" N	86° 58' 48.376" E	C41	23° 49' 07.236" N	86° 58' 57.643" E
G-100	23° 48' 47.801" N	86° 58' 46.482" E	C41'	23° 49' 13.007" N	86° 59' 01.034" E
G-101	23° 48' 48.855" N	86° 58' 42.578" E	C42	23° 49' 14.373" N	86° 59' 01.387" E
G-102	23° 48' 49.736" N	86° 58' 39.094" E	C43	23° 48' 54.174" N	87° 00' 09.655" E
G-103	23° 48' 50.058" N	86° 58' 37.715" E	C44	23° 48' 53.882" N	87° 00' 10.384" E
G-104	23° 48' 50.789" N	86° 58' 33.857" E	C45	23° 48' 51.008" N	87° 00' 13.219" E
G-105	23° 48' 51.283" N	86° 58' 30.116" E	C46	23° 48' 50.764" N	87° 00' 14.038" E
G-106	23° 48' 51.498" N	86° 58' 28.527" E	C1	23° 48' 49.477" N	87° 00' 14.998" E
G-107	23° 48' 51.777" N	86° 58' 26.633" E			
G-108	23° 48' 52.001" N	86° 58' 24.505" E			

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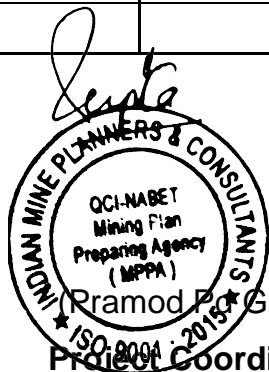
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A25'	23° 48' 52.873" N	86° 58' 16.557" E
A26	23° 48' 53.108" N	86° 58' 12.465" E
A26'	23° 48' 52.914" N	86° 58' 08.888" E
G-109	23° 48' 52.617" N	86° 58' 04.515" E
G-110	23° 48' 55.501" N	86° 58' 03.014" E
G-111	23° 48' 58.896" N	86° 58' 01.406" E
G-112	23° 49' 01.553" N	86° 58' 00.037" E
G-113	23° 49' 03.885" N	86° 57' 58.731" E
G-114	23° 49' 09.162" N	86° 57' 56.159" E
G-115	23° 49' 14.053" N	86° 57' 53.064" E
G-116	23° 49' 17.135" N	86° 57' 51.997" E
G-117	23° 49' 21.004" N	86° 57' 50.066" E
G-118	23° 49' 22.299" N	86° 57' 49.465" E
A31'	23° 49' 22.953" N	86° 57' 49.087" E
G-119	23° 49' 23.997" N	86° 57' 48.483" E
G-120	23° 49' 24.479" N	86° 57' 48.094" E
G-121	23° 49' 26.462" N	86° 57' 46.923" E
G-122	23° 49' 28.346" N	86° 57' 45.789" E



(Rajmod P. Gupta)

Project Coordinator, MPPA

Indian Mine Planners and Consultants

NABET/APA-MPPA/IA/002 Dated Jan 28 2021

Corp Office: GE-61, Rajdanga Main Road, Behind Gateway Hotel, EM Bye Pass, Kolkata-700107

Phone: (033) 40733609; Cell: , 09836003124, 7909060885

Website: www.impcon.co.in, E-mail: impcon.kolkata@gmail.com



অতিরিক্ত জেলা শাসক এবং জেলা ভূমি
ও
ভূমি সংস্কার আধিকারকের করণ
পশ্চিম বর্ধমান
বিবেকানন্দ সরণি, রামকৃষ্ণ মিশন, কন্যাপুর
আসানসোল, পিন - ৭১৩৩০৫
ইমেল - dlropaschimbardhaman@gmail.com



Enclosure-3
Office of the Additional District Magistrate
And
District Land & Land Reforms Officer
Paschim Bardhaman
Vivekananda Sarani, Ramkrishna Mission, Kan
Asansol, PIN - 713305
Email - dlropaschimbardhaman@gmail.com

Memo No. 1716 /DLRO-PAB/2023

Date: 11.05.23

To
The Chairman & Managing Director
West Bengal Mineral Development &
Trading Corporation Ltd.

**Sub :- Regarding availability of non- forest land for dumping of Overburden of
Gourangdih ABC Coal mine.**

Ref :- His Office Memo no.MDTC/PM-5/144(F)/Pt-II/1083 dated 27/04/2023

Sir,

Reference above, this is to inform You, that as per report of BL&LRO Barabani vide his
Office memo no. 752 dated 04/05/2023, no such encumbrance free land is available in the adjoining area.
This is for his kind information and necessary action.

Your's faithfully

District Magistrate
Paschim Bardhaman

ANNEXURE-4

Report of Compliance/Clarification of the observations of the FAC Sub-Committee field visit dated 20.06.2023 in connection with Diversion of 109.459 Ha of forest land for Open Cast Mining project at Gourangdih ABC Coal Mine in favour of West Bengal Mineral Development and Trading Corporation under Durgapur Forest Division, West Bengal

A. Para – wise comments / reply on the observations made by the FAC Sub- Committee in the site inspection report of 29.05.2023.		
Para No.	Observation	Comments
7.A.	The FAC in its meeting held on 31.03.2022 had sought the comments of the Chief Wildlife Warden, West Bengal on the likely impact of the project on the wildlife and the mitigation measures required to be taken if any. As informed by Nodal Officer West Bengal, the Wildlife Conservation Plan has been prepared and approved by PCCF (Wildlife) and submitted to State Environment Impact Assessment Authority (SEIAA), Department of Environment, Government of West Bengal vide Memo no. 3362/WL/2M-33(Pt-II)/2021 dated 23.11.2022 and also to IRO Kolkata on 27.03.2023 (Annexure 1).	<p>The approved Wildlife Conservation Plan is uploaded at Sl. No. 10 of Additional information Details in FORM-A (Part-I).</p> <ul style="list-style-type: none"> • WBMTDCL undertakes that Wildlife Conservation Plan would be implemented and the mitigation measures as stated would be followed. • WBMTDCL undertakes to spend the capital investment for activities which contribute to wildlife conservation as given in the Wildlife Conservation Plan.
7.B.	There appears to be a contradiction between the area as approved by the Ministry of Mining, Government of India and the area mentioned in the instant proposal. As informed by the user agency, a total of 370 ha area of the Coal Block comprising of 92.53 ha of forest land was allocated by the Ministry of Coal, Government of India for Gourangdih ABC Coal Mine. However as informed by the user agency, the revised proposal of the coal block from 370 ha to 356.575 ha and increasing the forest area from 92.53ha of the forest land to 109.459 ha is yet to be approved by the Coal Ministry.	Necessary modifications with regard to the requirement for diversion of 109.459 ha forest land and other land details have been made in the Approved Mining Plan (AMP-2023) which has been duly approved by the Ministry of Coal, Government of India. The said Approved Mining Plan -2023 is uploaded at Sl. No. 9 of Additional information Details, FORM-A in PARIVESH Portal.
7.C.	Regarding adequacy of existing road infrastructure to accommodate the increased transportation of coal, the response of the State Government may be examined.	<p>Compliance on the same observation was replied to the previously raised observation of FAC dated 31.03.2022, the same is reproduced below:</p> <p>Detailed report of the traffic density survey both in up and down direction at three locations namely Baradang (0.9 km from the proposed mine in S direction), Majandih (1.6 km from the proposed mine in NE direction) and Dharaspur (3.5 km from the proposed mine in WSW direction) was carried out. Report of the survey is given at Enclosure-1.</p> <p>It will appear from the said report that the current road width is sufficient to sustain the present and additional traffic.</p>

7.D.	Regarding suggestion of the FAC, to explore the possibility of evacuation of coal using common, closed / pipe conveyor, the financial implications of the proposal as per the study conducted through transaction advisor M/s KPMG International as provided by the State Government is high and is not financially viable.	Observations of the Sub-Committee. No comments required.
7.E.	Since, the revised mining plan is yet to be approved by the Ministry of Coal, the tabular statement indicating various types of land use including dumping area also needs be revised and the revised map to be uploaded on PARIVESH portal accordingly.	The mining plan has since been approved by Ministry of Coal on 09.10.2023 and copy of the Approved Mining Plan 2023 has been uploaded at Sl. No. 9 of Additional information Details, FORM-A (Part-I). The tabular statement indicating various types of land use including dumping area has been revised. The land use map is uploaded at Sl. No. 11 of Additional information Details in FORM-A (Part-I).
B. In addition to the above observations made by the FAC, the following other observations mentioned at page-4 of Field Inspection Report of the Sub-Committee.		
i.	The extent of the boundary of the forest area as marked in the uploaded map has to be in consonance with the records of the Forest Department, West Bengal. The user agency may be advised to revise the land use map as per the revised approved mining plan after verification and certification by the Forest Department and upload the same on the PARIVESH portal.	Land use map as per the revised approved mining plan – 2023 has been uploaded on the PARIVESH portal in FORM-A at S. No.11 under Additional Information.
ii.	The user agency may also be advised to submit the schedule of Forest land of the said area as per the revised plan.	Schedule of Forest land is enclosed [Enclosure -2].
iii.	The safety zone along the periphery of the proposed mining area has not been marked by the user agency.	Safety zone along the periphery of the proposed mining area as per Plate No. 08 of approved revised mining plan-2023 is uploaded at S. No. 12 under Additional Information in Form-A.
iv.	The user agency may be advised to explore the possibilities of identifying the dumping areas outside the forest area and may also revise tabular statement regarding redistribution of area accordingly.	Vide Memo No. 1716/DLRO-PAB/2023 dated 11.05.2023 [Enclosure-3] of the District Magistrate, Paschim Bardhaman, West Bengal, it has been clarified that no such alternative non-forest land is available in the adjoining area of the Gourangdih ABC Coal Mine.

v.	No mining activity was observed on the proposed site on the date of inspection.	Observations of the Sub-Committee. No comments required.
vi.	There is no overlapping of boundaries with the adjoining mine on the eastern boundary of the proposed area.	
vii.	No instance of violation of FC Act, 1980 was observed during the inspection.	

1. BASELINE STATUS OF TRAFFIC DENSITY

1.1 Monitoring location

The traffic density survey was conducted both in up and down direction at three locations namely Baradang (0.9 km from the proposed mine in S direction), Majandih (1.6 km from the proposed mine in NE direction) and Dharaspur (3.5 km from the proposed mine in WSW direction) on 03-04/01/2018, 07-08/01/2018 and 10-11/01/2018, respectively. The locations are shown in **Fig 1**.

1.2 Methodology

Traffic density was recorded continuously for 24 hours during the monitoring days by visual observation and counting of vehicles under six categories, viz., heavy motor vehicles (buses & truck), light motor vehicles, cycles, motor cycles & scooters, animal drawn vehicles and others. As traffic density on the road is low, one skilled person was deployed during each shift. At the end of each hour, fresh counting and recording was undertaken. Thus, total numbers of vehicles per hour under each category was determined. Report of the study is given at Annexure -1

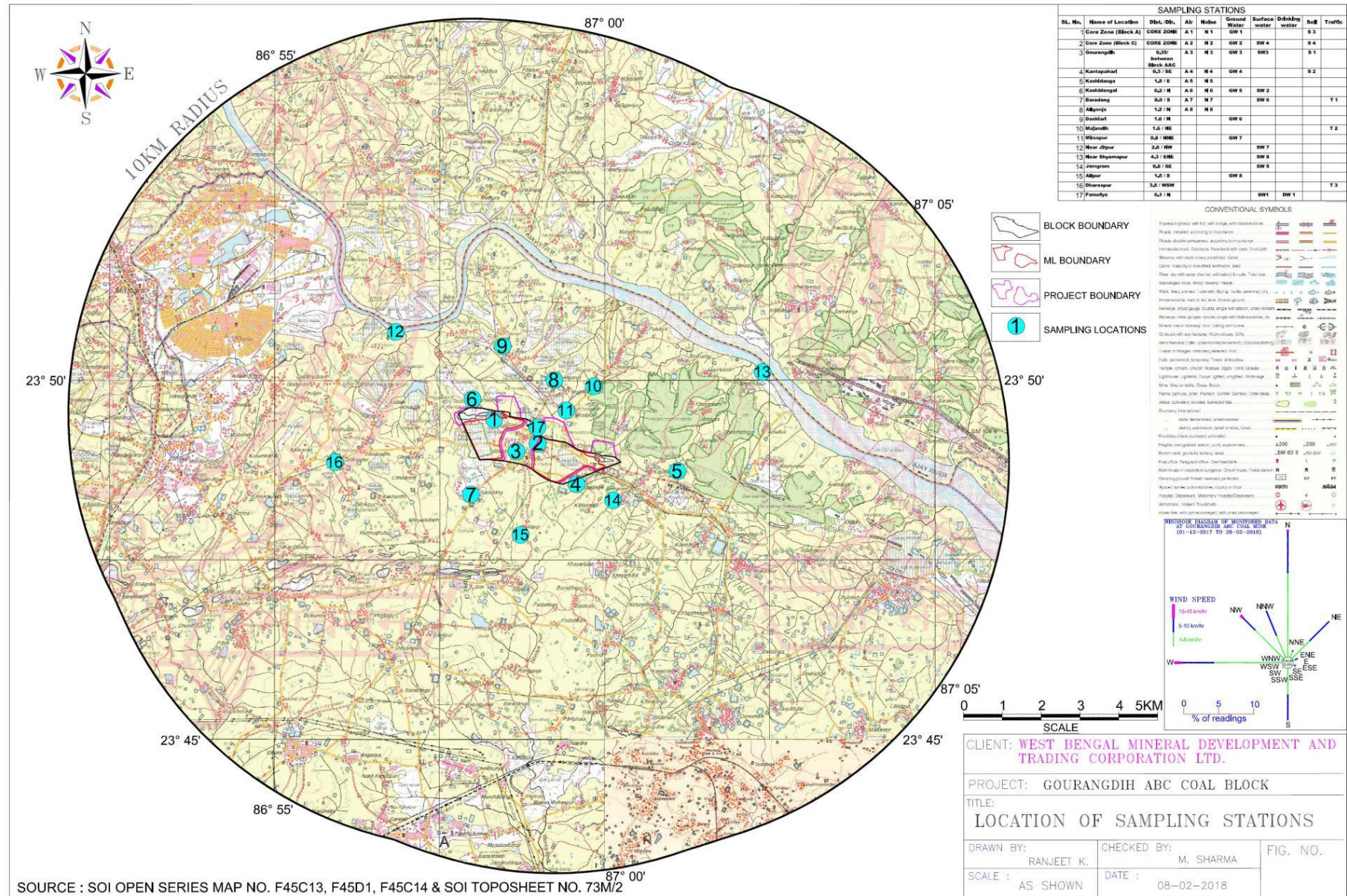
The result of presence of slow moving vehicles in traffic stream is that it affects the free flow of traffic. A way of accounting for the interaction of various kind of vehicles is to express the capacity of roads in terms of common unit. Therefore, the number of vehicles have been converted into “**passenger car units**” (PCUs) using the equivalency factor as per Table 1 of IRC: 64-1990 and the volume of traffic on the three routes are summarised in **Table 1**.

**TABLE 1
TRAFFIC DENSITY**

Code	T1		T2		T3	
Location	Baradang		Majandih		Dharaspur	
	Observed count (up+down)	Equivalent PCU	Observed count (up+down)	Equivalent PCU	Observed count (up+down)	Equivalent PCU
Cycles (E.F: 0.5)	857	429	1697	848.5	1350	675
Motor Cycles & Scooters (E.F: 0.5)	2606	1303	1716	858	1615	807.5
LMV (E.F: 1)	812	812	530	530	249	249
Buses (E.F: 3)	205	615	116	348	0	0
Trucks (E.F: 3)	557	1671	378	1134	71	213
Animal Drawn Vehicles (E.F: 8)	0	0	0	0	4	32
Others (E.F: 1.5)	218	327	151	226.5	175	262.5
Total	5255	5157	4588	3945	3464	2239
Width of Road	5.8 m		6.5 m		3 m	
DSV*(Table 3, 4, 5 and section 10.3 as per IRC:64-1990) in PCU/DAY	6000		6000		2000	
Maximum Capacity as per IRC 64-1990, section 6.1=	12000		12000		4000	
DSV*0.5 % Utilisation	43.0		32.9		56.0	

* **DSV(Design Service Volume):** it is defined as the maximum hourly volume (Vehicles per hour) at which vehicles can reasonably be expected to traverse a point or uniform section of a lane or roadway during a given time period under the prevailing roadway, traffic and control conditions while maintaining a designated level of service.

Fig - 1



The condition of the road at Baradang and Majandih is good and it is well maintained. Whereas the road near Dharaspur is having road width only 3 m, which needs widening and maintenance. From the perusal of Table 3.16, it is found that at Baradang, current utilisation is 43.0% of maximum capacity of the road, at Majandih the current utilization is 32.9% of maximum capacity of the road and at Dharaspur, the current utilization is 56.0% of maximum capacity of the road.

2. ANTICIPATED IMPACT DUE TO TRAFFIC AND MITIGATION MEASURES

There is only one outgoing material, which is coal. The transportation shall be carried out through road either directly to end user or till railway siding by tipping trucks/ dumper having capacity 25 T. Total material to be transported is estimated around 7576 TPD (assuming total working days as 330 and production 2.5 MT of coal in a year). Since the end users will be various industries across the different states, hence the direction of movement of trucks cannot be exactly identified. Certain assumptions have been made with respect to the routes shown in **Fig 2**. The assumptions made are as follows:

- (i) Transport of coal directly till end user by road via Asansol-Gourangdih road. 1 MTPA coal shall be transported through this road. Approximately 244 trucks (to and fro) will move through this road. This route has been called as “Route-2” in **Fig 2**.
- (ii) Transportation of coal via road to any of the four railway sidings, namely, Bonjemehari, Barabani, Charanpur or Chinchuria railway siding. Approximately 1.5 MTPA will be moved to consumers through this road-rail combination. Approximately 364 trucks will move on these routes called as Route 1, Route 3, Route 4 and Route 5 of **Fig 2**.

The traffic survey was conducted as per IRC: 9-1972 at three locations namely Baradang, Majandih and Dharaspur in the up and down directions. Baradang location falls on Gourangdih-Asansol road (Route-2) and Dharaspur location falls on Rupnarayanpur-Gourangdih road i.e connecting road (Route-1) to Bonjemehari railway siding through which coal transportation is proposed. There will be an impact on carrying capacity of these two roads due to additional traffic load. Therefore, the adequacy of the road to support the additional traffic, its maximum capacity and the percentage utilization of the maximum capacity has been calculated. This has been done with respect to existing and future traffic load and the increment in utilization of maximum capacity has been calculated in **Table 2**

FIG 2: THE PROPOSED RAILWAY SIDING AND CONNECTING ROADS TO BE USED FOR TRANSPORTATION OF COAL

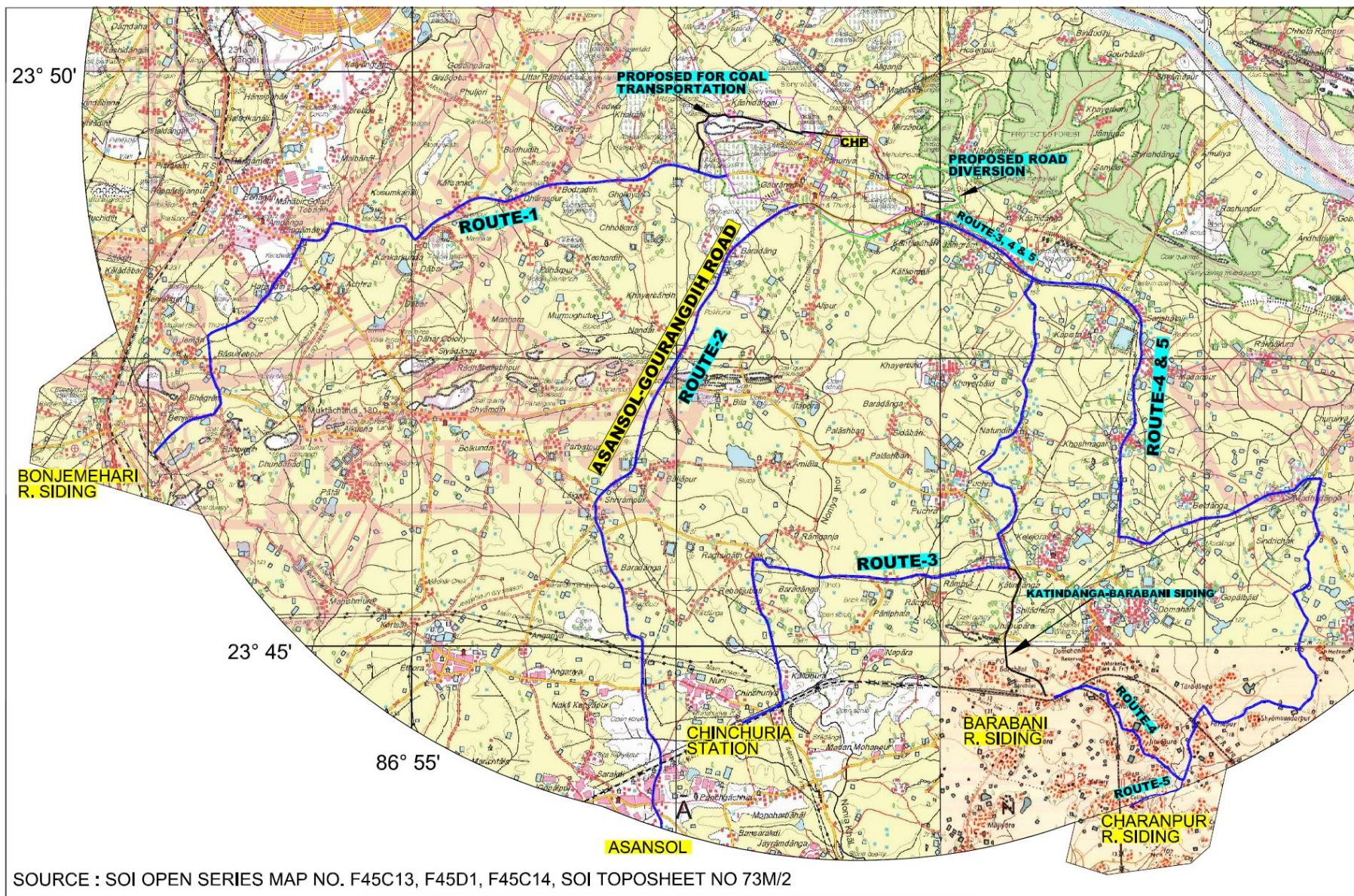


TABLE 2

OBSERVED EXISTING, ADDITIONAL TRAFFIC AND THEIR % UTILISATION

Code	Location	Existing Traffic (PCU/Day) in January, 2018	Additional traffic proposed (PCU/Day)	Resultant traffic (PCU/Day)	Width of road	DSV# PCU/day	Maximum capacity (MC)##			
							in PCU/day	% Utilization		
								Current in January, 2018	Resultant future	Increment
a	b	c	d	e=b+c	f	g	h	i w.r.t c	j w.r.t e	k=j-i
T1	Baradang	5157	732	5889	5.8 m	6000	12000	42.975	49.1	6.1
T3	Dharaspur	2239	1092	3331	3 m	2000	4000	55.9	83.8	27.3

Note-

Design Service Volume (DSV) in PCU/day as per Table 3&4 of IRC:64-1990

Maximum capacity as per IRC 64-1990, section 6.1 = DSV/0.5, in PCU/day

It can be seen in the above table that the resultant traffic load on Asansol-Gourangdih road (Route-2) at Baradang loacation will be 49.1 % of the Maximum capacity of the road. Where as on Rupnarayanpur-Gourangdih road (Route-1) at Dharaspur location, the resultant traffic load will be 83.8 % of Maximum capacity the roads. Thus it can be said that the current road width of both the location is sufficient to sustain the present and additional traffic.

2.2 Road diversion

There are two existing road passing through the core zone namely,

- (i) Road-1: **Asansol-Gourangdih road connecting Runakura ghat via Jamgram** is having width of about 7 m (PWD road), passing through the eastern part of proposed Gourangdih C quarry.
- (ii) Road-2: **Rupnarayanpur-Gourangdih road** is having width of about 3 m (Village road), connecting Gourangdih and Rupnarayanpur, passing through the western portion of Gourangdih-A quarry.

These two roads will get excavated during mining operation. Hence, for uninterrupted traffic flow, diversion of these roads is necessary which shall be as follows:

- (i) Road-1: Asansol-Gourangdih road, connecting Asansol to Runakuraghat via Jamgram village is proposed to be diverted towards further east of the Gourangdih quarry-C.

-
- (i) Road-2: The Rupnarayanpur-Gourangdih road is proposed to be diverted towards further west of the Gourangdih quarry-A and will be connected to Asansol-Gourangdih road.

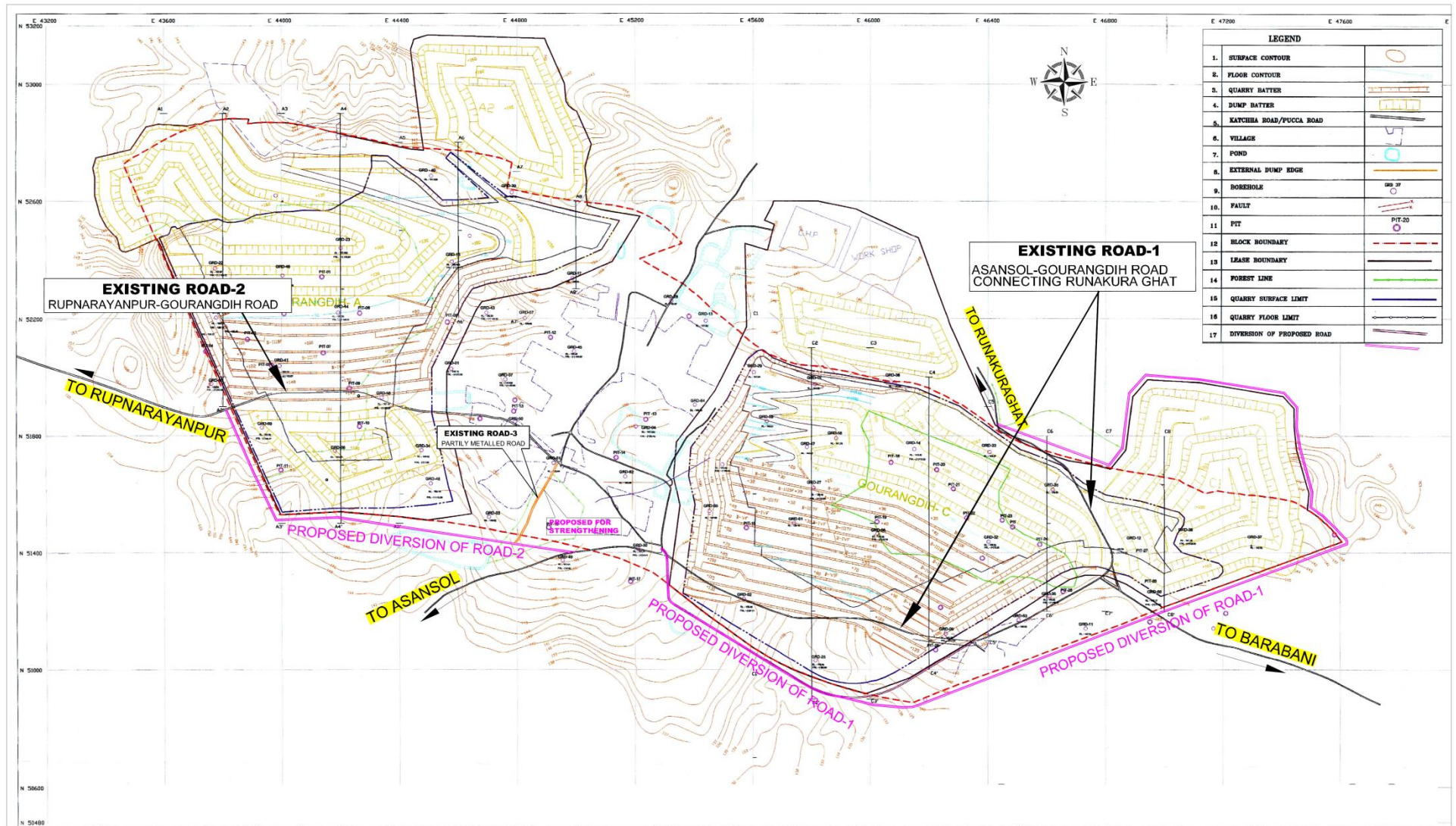
Both the roads will be reconstructed after diversion to a road width equivalent to their existing width.

Apart from the road diversion, road from Gourangdih village to proposed diversion of Rupnarayanpur-Gourangdih road (about 300 m in length), is also proposed to be made black topped/CC road (Road 3). Partly metalled road already exists on the road, which will have to be further strengthened.

The proposed diversion of Road-1 and 2 and strengthening of Road 3 are shown in 15th year stage plan given in **Fig 3**.

The impact will be there only on the path of the road due to alignment change but there will not be any adverse impact. Tree plantation is proposed along both the sides of the diverted road routes, which will act as an absorber of dust and noise pollution and also will improve the aesthetic view of the area.

FIG 3: 15TH YEAR STAGE PLAN SHOWING EXISTING ROADS (NO. 1&2) PASSING THROUGH ML AREA AND THE PROPOSED DIVERSION OF THESE ROADS AS WELL AS THE ROAD (NO. 3) TO BE STRENGTHENED



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GOURANDIH ABC COAL MINE

Summary of Involved Plots in Mining Lease Area for Gourangdih "A" & "C" Block Area

P.S-Baraboni, District- Paschim Burdwan.

Coal Block	Name of Mouza	Mouza J.L No	RAYTEE				ECL	FOREST	Govt/Vested	TOTAL (ACRE)
			Agri	Non Agri	Bastu	Water Body				
Gourangdih A	DASKIARI	3	12.584	5.665						
	PANURIA	10	99.403	56.197	7.781	6.029			0.201	18.4500
	ALIGANJ	11	4.52	0.939				159.057	53.817	382.2840
Gourangdih C	JAMGRAM	20	34.29	7.58	0.011	3.032	4.569	37.211	0.065	5.5240
	KATAPAHARI	9	20.207	8.455	0.466	0.552	10.164	57.673	17.345	104.0380
	PANURIA	10	110.646	13.644	11.598	14.188	0	16.538	24.164	121.6810
	Total (Acre)		281.65	92.48	19.856	23.801	14.733	270.479	82.525	249.1390
	Total (Ha)		113.982	37.426	8.036	9.632	5.962	109.461	72.083	356.583

Block Land & Land
Reforms Officer
Barabani, Burdwan



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GOURANDIH ABC COAL MINE(BLOCK-A & C)

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MOUZA:	PANURIA	J.L. NO:	X(TEN)	Sheet No :
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P.S. - BARABONI, DISTRICT- BURDWAN

INVOLVED PLOTS IN MINING LEASE AREA

SL No	Plot No		Class of Land	Total Area in	Required Area	RAYATEE				Govt./Vested	ECL	Forest	Total	Rema
	R.S.	L.R.				Agri	Non Agri	Bastu	Water Body					
1472	649		FOREST	0.4	0.393							0.393	0.393	
1473	2266P		FOREST	9.46	3.109							3.109	3.109	
1474	822P		FOREST	35.32	0.875							0.875	0.875	
1475	822P		FOREST	35.32	1.223							1.223	1.223	
1476	2218		FOREST	0.59	0.600							0.600	0.600	
1477	2209		FOREST	0.07	0.063							0.063	0.063	
1478	2208		FOREST	0.59	0.566							0.566	0.566	
1479	2207		FOREST	0.23	0.195							0.195	0.195	
1480	2201		FOREST	6.08	2.318							2.318	2.318	
1481	647		FOREST	0.91	0.862							0.862	0.862	
1482	644		FOREST	7.35	7.171							7.171	7.171	
1483	636		ROAD	1.23	1.122							1.122	1.122	
1484	633		FOREST	8.221	8.221							8.221	8.221	
1485	634		FOREST	8.14	4.216							4.216	4.216	
1486	632		FOREST	1.56	1.238							1.238	1.238	
1487	592		FOREST	0.88	1.829							1.829	1.829	
1488	2281P		FOREST	8.68	2.392							2.392	2.392	
1489	2270P		FOREST	2.55	0.937							0.937	0.937	
1490	2276P		FOREST	30.2	16.007							16.007	16.007	
1491	2268		FOREST	9.45	10.749							10.749	10.749	
1492	643		FOREST	4.73	4.732							4.732	4.732	
1493	638		FOREST	12.61	12.409							12.409	12.409	
1494	250/2702		FOREST	5.75	5.839							5.839	5.839	
1495	253P		FOREST	41.5	36.558							36.558	36.558	
1496	248P		FOREST	36.7	35.434							35.434	35.434	

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GOURANDIH ABC COAL MINE(BLOCK-A & C)

MOUZA:	PANURIA	J.L. NO:	X(TEN)	Sheet No :
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P.S. - BARABONI, DISTRICT- BURDWAN
INVOLVED PLOTS IN MINING LEASE AREA

SL No	Plot No		Class of Land	Total Area in	Required Area	RAYATEE				Govt./Vested	ECL	Forest	Total	Rema
	R.S.	L.R.				Agri	Non Agri	Bastu	Water Body					
1497	1357		FOREST	4.9	4.932							4.932	4.932	
1498	1373		FOREST	0.03	1.490							1.490	1.490	
1499	1367		FOREST	0.59	0.618							0.618	0.618	
1500	1366		FOREST	0.68	0.680							0.680	0.680	
1501	1757		FOREST	6.05	6.160							6.160	6.160	
1502	1371		FOREST	1.95	0.363							0.363	0.363	
1503	1366/2729		FOREST	1.38	1.428							1.428	1.428	
1504	1362/2728		FOREST	0.78	0.867							0.867	0.867	
					175.595	0.000	0.000	0.000	0.000	0.000	0.000	175.595	175.595	

B. Sengupta
05/05/17
Block Land & Land
Reforms Officer
Barabani, Burdwan



64

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GOURANDIH ABC COAL MINE(BLOCK-A & C)

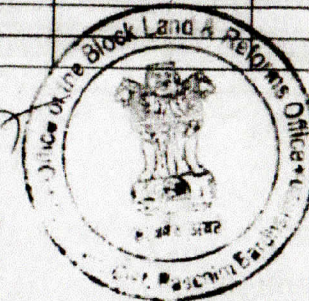
MOUZA:	KATAPAHARI	J.L. NO:	IX(NINE)	Sheet No :
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P.S. - BARABONI, DISTRICT- BURDWAN

INVOLVED PLOTS IN MINING LEASE AREA

SL No	Plot No		Class of Land	Total Area in	Required Area	RAYATEE				Govt./Vested	ECL	Forest	Total	Rem
	R.S.	L.R.				Agri	Non Agri	Bastu	Water Body					
1530	131P		BAID	0.69	0.574	0.574							0.574	
1531	127		BAID	0.67	0.688	0.688							0.688	
1532	124		DANGA	0.31	0.295		0.295						0.295	
1533	123		PUKUR	0.57	0.552				0.552				0.552	
1534	122		PUKUR PAR	0.05	0.078		0.078						0.078	
1535	221		BAID	0.05	0.043	0.043							0.043	
1536	120		KANALI	4.5	4.766	4.766							4.766	
1537	119		DANGA	0.16	0.166		0.166						0.166	
1538	118		BAID	0.82	0.811	0.811							0.811	
1539	117		BAID	0.17	0.17	0.17							0.17	
1540	116		BAID	0.14	0.155	0.155							0.155	
1541	115		BAID	0.3	0.342	0.342							0.342	
1542	114		BAID	0.15	0.153	0.153							0.153	
1543	113		BAID	1.8	1.81	1.81							1.81	
1544	111		DANGA	0.41	0.412		0.412						0.412	
1545	110		BAID	0.11	0.103	0.103							0.103	
1546	109		DANGA	0.4	0.396		0.396						0.396	
1547	108		DANGA	0.570	0.578		0.578						0.578	
1548	103P		BAID	4.560	3.689	3.689							3.689	
1549	99		DANGA	5.160	5.230		5.230						5.230	
1550	105		FOREST	2.320	2.427							2.427	2.427	
1551	102P		FOREST	5.560	5.214							5.214	5.214	
1552	98		FOREST	6.630	6.573							6.573	6.573	
1553	13		FOREST	0.610	0.600							0.600	0.600	
1554	12P		FOREST	18.850	18.056							18.056	18.056	

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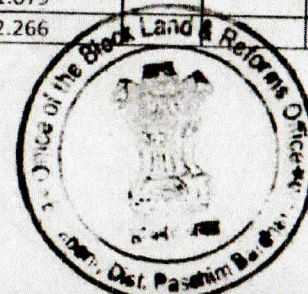
GOURANDIH ABC COAL MINE (BLOCK-A & C)

MOUZA:	KATAPAHARI	J.L. NO:	IX(NINE)	Sheet No :
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P.S. - BARABONI, DISTRICT- BURDWAN
INVOLVED PLOTS IN MINING LEASE AREA

SL No	Plot No		Class of Land	Total Area in	Required Area	RAYATEE				Govt./Vested	ECL	Forest	Total	Ren
	R.S.	L.R.				Agri	Non Agri	Bastu	Water Body					
1555	9		FOREST	18.180	18.288							18.288	18.288	
1556	7		FOREST	1.170	1.223							1.223	1.223	
1557	6		FOREST	0.060	0.054							0.054	0.054	
1558	4		FOREST	1.170	1.147							1.147	1.147	
1559	1		FOREST	4.080	4.092							4.092	4.092	
1560	746		MINES	5.240	5.474									
1561	749P		MINES	4.400	3.505						5.474		5.474	
1562	747P		HOSPITAL	1.150	1.185						3.505		3.505	
1563	106		VITI	0.200	0.203						1.185		1.185	
1564	93P		ROAD	3.470	1.260					0.203			0.203	
1565	93P		ROAD	1.187	1.187					1.260			1.260	
1566	748P		BASTU	0.010	0.014					1.187			1.187	
1567	710		K ROAD	0.220	0.261					0.014			0.014	
1568	700		BAID	0.800	0.807					0.261			0.261	
1569	701		BAID	0.660	0.798					0.807			0.807	
1570	141P		DANGA	1.260	0.328					0.798			0.798	
1571	350P		DANGA	1.240	0.947					0.328			0.328	
1572	133P		RAIL LINE	2.080	1.618					0.947			0.947	
1573	130P		BASTU	0.490	0.504					1.618			1.618	
1574	129		KANALI	1.230	1.312					0.504			0.504	
1575	125		BAID	1.660	2.503					1.312			1.312	
1576	128		PATH	0.370	0.365					2.503			2.503	
1577	107		PATH	0.370	0.300					0.365			0.365	
1578	104		RAILWAY	1.070	1.079					0.300			0.300	
1579	101		ABANDED MINE	2.250	2.266					1.079			1.079	
										2.266			2.266	

Block Land & Land
Reforms Officer
Barabani, Burdwan



West Bengal Mineral Development & Trading Corporation Limited

(A Government of West bengal Undertaking)

13, Nellie Sengupta Sarani, 2nd Floor, Kolkata- 700087

GOURANDIH ABC COAL MINE(BLOCK-A & C)

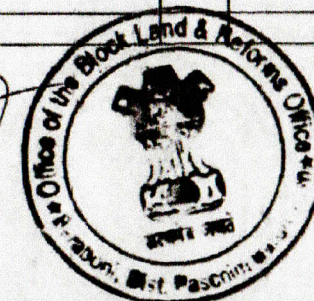
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P.S. - BARABONI, DISTRICT- BURDWAN
INVOLVED PLOTS IN MINING LEASE AREA

SL No	Plot No		Class of Land	Total Area in	Required Area	RAYATEE				Govt./Vested	ECL	Forest	Total	Rem
	R.S.	L.R.				Agri	Non Agri	Bastu	Water Body					
1663	192		BAID	0.820	0.839	0.839							0.839	
1664	188		BAID	0.750	0.743	0.743							0.743	
1665	185		BAID	1.240	1.204	1.204							1.204	
1666	180P		PUKUR PAR	0.520	0.272		0.272						0.272	
1667	179P		POND	4.620	2.548				2.548				2.548	
1668	219P		FOREST	5.840	2.634							2.634	2.634	
1669	176P		FOREST	23.455	23.455							23.455	23.455	
1670	178		FOREST	12.250	9.990							9.990	9.990	
1671	187		FOREST	1.410	1.132							1.132	1.132	
1672	227		BAID	0.250	0.281						0.281		0.281	
1673	190		MINES	0.950	0.981						0.981		0.981	
1674	189		MINES	0.210	0.205						0.205		0.205	
1675	184		MINES	0.110	0.118						0.118		0.118	
1676	183P		MINES	2.836	2.836						2.836		2.836	
1677	181P		GLP	2.270	0.148						0.148		0.148	
1678	5891		BAID	0.222	0.222	0.222							0.222	
1679	5893		BAID	0.159	0.159	0.159							0.159	
1680	5919		DANGA	0.291	0.291		0.291						0.291	
1681	5788		KANALI	0.062	0.062	0.062							0.062	
1682	5894		BAID	0.019	0.019	0.019							0.019	
1683	5789		KANALI	0.450	0.450	0.450							0.450	
1684	5891		BAID	0.020	0.020	0.020							0.020	
1685	5890		BAID	0.030	0.030	0.030							0.030	
1686	5895		KANALI	0.018	0.018	0.018							0.018	
1687	5743		KANALI	0.439	0.439	0.439							0.439	

BB 708/05/17

Block Land & Land
Reforms Officer
Barabani, Burdwan



অতিরিক্ত জেলা শাসক এবং জেলা ভূমি
ও
ভূমি সংস্কার আধিকারকের করণ
পশ্চিম বর্ধমান
বিবেকানন্দ সরণি, রামকৃষ্ণ মিশন, কন্যাপুর
আসানসোল, পিন - ৭১৩৩০৫
ইমেল - dlropaschimbardhaman@gmail.com



Enclosure-3
Office of the Additional District Magistrate
And
District Land & Land Reforms Officer
Paschim Bardhaman
Vivekananda Sarani, Ramkrishna Mission, Kan
Asansol, PIN - 713305
Email - dlropaschimbardhaman@gmail.com

Memo No. 1716 /DLRO-PAB/2023

Date: 11.05.23

To
The Chairman & Managing Director
West Bengal Mineral Development &
Trading Corporation Ltd.

**Sub :- Regarding availability of non- forest land for dumping of Overburden of
Gourangdih ABC Coal mine.**

Ref :- His Office Memo no.MDTC/PM-5/144(F)/Pt-II/1083 dated 27/04/2023

Sir,

Reference above, this is to inform You, that as per report of BL&LRO Barabani vide his
Office memo no. 752 dated 04/05/2023, no such encumbrance free land is available in the adjoining area.
This is for his kind information and necessary action.

Your's faithfully

District Magistrate
Paschim Bardhaman