



NEYVELI UTTAR PRADESH POWER LIMITED
(A JOINT VENTURE OF NLC INDIA LTD. and UP RAJYA VIDYUT UTPADAN NIGAM LTD.)

OFFICE OF THE CHIEF GENERAL MANAGER/PROJECT HEAD
PACHWARA SOUTH COAL MINE PROJECT,
Shanta Bhavan, Behind SBI Bank, LIC Colony
DUMKA- 814 101, JHARKHAND, INDIA,
CIN: U40300UP2012GOI053569 GSTIN: 09AAECN3221F1Z8
E-Mail: pachwara.south@nlcindia.in, TEL: 06434-236147.



Lr No. NUPPL/PSCMP/ CGM/FC/2023/12/ 05

Date: 14.12.2023

To,

The Divisional Forest Officer,
Dumka Forest Division,
Dumka- 814101,
Jharkhand, India.

Sub:	Compliance to the EDS raised by Forest Advisory Committee, Communicated through Letter No. 8-37/2022-FC; dt. 9.11.2023 in respect of the FC proposal of Pachwara South Coal Block.
Ref:	Proposal No. FP/JH/MIN/59823/2020 Dated 20/11/2020 for seeking prior approval of Central Government under Section 2 of the Forest (Conservation) Act,1980 for diversion of forest area.

Dear Sir,

Vide letter no 8-37/2022-FC dated 09.11.2023 from MoEF & CC and DFO, Dumka letter no 3730 dated 14.12.2023, we are hereby submitting the point wise compliance as under:-

Sl No	ADS points	Compliance
1	The components of the area proposed are not commensurate with the approved mining plan. The State shall ensure that the proposal is in conformity with the approved mining plan and submit the revised mining plan/proposal accordingly.	The Mining Plan including Mine Closure Plan was prepared in the year 2020 where Land schedule utilised was certified by the revenue department. Later on during the scrutiny of the Forest Diversion Proposal, involvement of Forest Land was found more and accordingly the FC proposal was modified. This issues has been addressed through Minor Revision of the Mining Plan as per the provision of the Ministry of Coal's Guideline (Pt. No. 1.3 B)(Annexure – IA) for Preparation of Mining Plan and Mine Closure Plan. The revised Part of Mining Plan is furnished as Annexure-IB .
2	The forest area proposed for diversion is situated within the Elephant Migration route. The State government was asked to submit the detail of the existing and proposed elephant corridors in the landscape which has not been provided. A	To be complied by DFO, Dumka.


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Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)



	detailed report in this regard shall be submitted.	
3	<p>Out of the total proposed forest land an area of 10.313 ha forest land is earmarked for infrastructure which is a non-site-specific activity. Therefore, the State Govt. shall explore the possibility to shift the 10.313 ha infrastructure development to non-forest land and revise the requirement of forest land accordingly.</p>	<p>The whole of the project area of Pachwara South Coal Mine is coal bearing. The mine has been designed in such a way that it doesn't involve any additional land outside the allotted Geological Block boundary for Dumping and Infrastructure laying. The infrastructure area shown in the approved mining plan is actually above the backfilled (backfilled after extraction of coal) area whose nature of land is forest.</p> <p>However, addressing to the observation, the same infrastructure area comprising 10.313 ha is now relocated in the backfilled area where the nature of land is non forest and included in the Revised Mining Plan (Minor Revision) and necessary changes are made in the proposal.</p> <p>Revised location of the Infrastructure is attached as Annexure – II.</p>
4	<p>The details of the special purpose vehicle created for the purpose of conveyor belt and requirement of additional forest land for the transportation of the coal shall be submitted along with a KML file showing the proposed route and involvement of forest land.</p>	<ul style="list-style-type: none">➤ A SPV was created for construction of railway siding to transport the coal from Pachwara coal blocks consisting of WBPDC, PSPCL & NUPPL to the respective end use Plants.➤ An overhead conveyor system was planned for coal transportation up to the railway siding from Pachwara South Coal Block.➤ DPR was approved by the Eastern Railway and submitted to Railway Board on 28/11/2022 vide letter no TW535/520 for approval with a time schedules for construction of railway siding of 36 months starting from 1st April, 2023.➤ But, vide letter no TW/535/520, dated-05.04.2023 Indian Railway has communicated that Nagarnabi/Pakur-Godda new rail line project will be constructed by Indian Railways with its own budget. (Letter attached as Annexure-III A)➤ A meeting between Eastern Railways and Stake holders (WBPDC, PSPCL, NUPPL) held on 22.05.2023. In the meeting PCOM, Eastern Railway has asked the stake holders for their assurance in agreement to transport their coal through Nagarnabi/Pakur-Godda New Line alignment (MoM dated 22.05.2023 attached as Annexure -IIIB) which has been confirmed by the stakeholders along with traffic projection. M/s WBPDC, M/s PSPCL and M/s NUPPL has also signed the one agreement for the construction of private siding taking off from proposed Ambadiha station in Nagarnabi/Pakur – Godda new rail line alignment. (Signed agreement as Annexure - IIIC). The stakeholders also shared the draft DPR with ER for the Nagarnabi-Pachwara portion of the proposed alignment.➤ The DPR of the proposed Nagarnabi/Pakur-Godda New Line is currently under consideration of Project Evaluation Committee of Indian Railways. On approval of the final alignment and confirmation by Eastern Railways the three stakeholders (WBPDC, PSPCL, NUPPL) will finalize the


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		<p>alignment & location of the proposed joint railway siding (SPV) with loading bulb under GCT policy.</p> <ul style="list-style-type: none">➤ Accordingly the conveyor route for transportation of coal from Pachwara South Coal Block (PSCB) to railway siding (SPV) will be finalized. Therefore, the requirement of additional land including forest land will come only after the finalization of new proposed location for railway siding by Railways Board.➤ On approval of the rail route by Railway Board, details of the forest land will come into figure. Until then, M/s NUPPL will transport the coal by road up to Kurwa siding and from there by railways wagon.➤ In this regard, construction of a bridge over the Bonslai River is planned from the extreme North Eastern part of the PSCB block. It will join the existing metaled road falling in northern side of the river which will be used for coal transportation till the construction of permanent railway siding. Once the siding is constructed this bridge will be used for conveyor route. Bridge layout plan is attached herewith as Annexure –IIID.➤ No forest land is involved in the construction of overhead bridge.
5	The Compensatory Afforestation areas shall be revisited and the State shall ensure that the same are free from encroachments and all encumbrances. Smaller patches with an area of less than 5 ha will not be appropriate for management and therefore the same needs revision. Therefore, in such cases revised CA patches along with revised CA Scheme and other details shall be submitted.	To be complied by DFO, Dumka.
6	The correct KML file indicating the different components of the project including those proposed to be taken on non-forest land shall be submitted.	Soft copy of the KML file (In CD format) has been submitted to DFO, Dumka.
7	With regard to current status of	To be complied by DFO, Dumka.


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NUPPL, Dumka (Jharkhand)



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OFFICE OF THE CHIEF GENERAL MANAGER/PROJECT HEAD

PACHWARA SOUTH COAL MINE PROJECT,
Shanta Bhavan, Behind SBI Bank, LIC Colony
DUMKA- 814 101, JHARKHAND, INDIA,

CIN: U40300UP2012GOI053569

GSTIN: 09AAECN3221F1Z8

E-Mail: pachwara.south@nlcindia.in, TEL: 06434-236147.



<p>progress of the settlement proceedings after notification under section 4 of the IFA, the State Government has informed that the section 4 notification is of the year 1944 and status of settlement proceedings is not available with the State Government. In this regard, the State shall submit a copy of the notification as asked by the Ministry earlier.</p>	
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Please find above compliance report for your kind perusal and further necessary actions.

Thanking you.

Yours faithfully,

For Neyveli Uttar Pradesh Power Ltd.

Chief General Manager/Project Head,
PSCMP, NUPPL
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

F. No. 34011/28/2019-CPAM
Government of India
Ministry of Coal

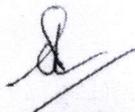
Shastri Bhawan, New Delhi
The 23rd May 2020

Office Memorandum

Subject: Guidelines for Preparation, Formulation, Submission, Processing, Scrutiny, Approval and Revision of Mining plan for the coal and lignite blocks.

Undersigned is directed to state that the guidelines for formulation of Mining plan and Mine Closure Plan has been amended. It has been decided by the Government that all coal (including lignite) mining operations in India shall henceforth be governed as per modified guidelines enumerated below.

1. **Mining Plan:** All coal (including Lignite) mining operation in India shall henceforth be governed as per these modified guidelines listed below and henceforth, the Mine Closure Plan and Final Mine Closure Plan shall be integral part of Mining Plan. Separate approval of Mine Closure Plan/ Final Closure Plan has been done away with. The Guideline/format for formulation of Mining plan is enumerated at **Appendix - I**.
- 1.1. **Implementation of the approved Mining Plans shall be sole responsibility of the mine owner.** Mining operations shall be undertaken in accordance with the duly approved mining plan. The mining plan once approved shall be valid for the balance life of the Mine, provided that any modification(s) of the mining plan is approved by the competent authority and such approval of the modified mining plan shall remain valid for the estimate balance life of the mining plan. Modification of the approved mining plan during the operation of a mining lease also requires prior approval.
- 1.2. The mining plan shall cover prescription for different phases of life of the mine as stage plan. The Stage plan for 1st year, 3rd year, 5th year, year of achieving rated capacity of the mine, Final year (i.e. at the end of mine life) and post closure shall be submitted at the time of initial submission of mining plan. The project proponent shall submit a **report/information** consisting a. compliance status with respect to approval condition of mining plan and grounds specified at para 1.3A; b. stage plan for next five years; c. revised balance life of the mine; and d. revised calculation of ESCROW amount with respect to revised balance life, to Coal Controller, CCO, Kolkata with a copy of the same to Administrative Section dealing with the allocation/allotment of the block and section dealing with approval of mining plan at MoC/CCO, **for information**. Such report/information must be submitted at least 180(one hundred eighty) days before the expiry of 5 (five) year, starting from the commencement of the Mineral Concession (Amendment) Rules, 2020 or the date of execution of the duly executed mining lease deed, whichever is later. Information desired above must bear certificate of **Qualified Person/ Accredited Mining Plan preparing Agency** and have approval of the respective company board. Non submission of such information during the stipulated time may result in withdrawal of mine opening permission or cancellation of the approved mining plan, as may be decided by CCO.
The Mining Plan approved prior to issue of this Guideline will qualify for submission of such report/information at least 180(one hundred eighty) days prior to expiry of 5 (five) year from the date of notification of the Mineral Concession Amendment Rules 2020.
- 1.3.(A) The mining plan may be modified for a. for change in method of mining; b. for facilitating increase in sanctioned peak capacity that is in excess of one hundred and fifty per cent of the


SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

sanctioned rated capacity; **e.** change in leased area; **d.** in the interest of safe and scientific mining; **e.** conservation of minerals; **f.** for the protection of environment; **g.** addition of reserve by way of proving of reserve in the existing lease area; **h.** for changes in final mine closure conditions; or **i.** and such other change that may be determined by the Central Government. While submission of revision/ modification of mining plan the reason for revision/ modification shall be specified in writing by the lessee.

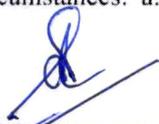
(B) Notwithstanding anything contained in clause (A) above, for other minor changes, the project proponent is empowered to make modification with the approval of the respective company board. These minor changes shall cover **a.** changes in land type within the leased area; **b.** changes in HEMM deployment plan; and **c.** changes in location of infrastructure within the leased area. The project proponent shall submit specific report of such minor changes to Coal Controller, CCO, Kolkata with a copy of the same to Administrative Section dealing with the allocation/allotment of the block and section dealing with approval of mining plan at MoC/CCO, for information.

- 1.4. The Mining Plan submitted for approval shall have prior approval of the concerned Board of the Company.
- 1.5. The base date of the Mining Plan should be taken as cut-off date on which the extractable reserve, balance life etc. has been quantified.
- 1.6. The proposed leased area in the Mining Plan shall include the area specified in the mining lease within which mining operations can be undertaken and includes the non-mineralized area required and approved for the activities falling under the definition of mine as referred in The Mines Act 1952. Evacuation route, R&R and Employee Township area outside the block will not be part of the Mining plan.
- 1.7. Pre-mining land ownership/land type furnished in the mining plan will be of indicative in nature along with data source at its footnote (viz. from topo sheet, cadastral plan etc.).
- 1.8. The excavation/ mining area envisaged in the mining plan must be restricted within the allotted/vested geological block boundary/existing mining lease and if the project area is confined within the allotted block boundary/existing mining lease, a certificate to this effect is to be provided by the **Qualified Person/ Accredited Mining Plan preparing Agency** preparing the mining plan. The certificate must be made on the Conceptual Plan depicting Cardinal Point Co-ordinates (shape co-ordinates) of the project boundary, Lease boundary and Geological Block boundary (binding co-ordinates given in the vesting order).
- 1.9. Under provisions of Rule 16 of MCR 1960, State Government is custodian of the exploration data. As such in the cases, where the project area extends beyond the block boundary/existing mining lease the Mines and Geology Department of the concerned State Government shall issue a certificate specifying (a) intent of the State Government for grant of lease beyond the vested geological boundary; (b) non-existence of coal/ lignite in the area beyond the vested/allotted geological block boundary/existing mining lease to rule out the issue of encroachment. The application for issue of certificate from the Mines and Geology Department of the State Government must be supported with proof of the non-existence of coal/lignite in the area under reference (along with their Cardinal Point coordinates) duly certified by custodian agency viz. CMPDIL/ SCCL in case of coal and NLCIL in case of lignite.

Where the project area extends beyond the block boundary/existing mining lease, the certificate issued by the Mines and Geology Department of the concerned State Government must be attached in the Mining Plan.

- 1.10. In case of allotted/auctioned coal/lignite blocks, the mining plan may be revised for extraction of more coal on year to year basis.

Provided that the mining plan shall be revised for extraction of less coal on year on year basis only under following circumstances: **a.** if the remaining extractable reserve of the coal mine is less than


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Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

नेयवेलीउत्तरप्रदेशपावरलिमिटेड

NEYVELI UTTAR PRADESH POWER LIMITED

(एन.एल.सी इंडिया लिमिटेड एंव यू.पी.राज्य विद्युत उत्पादन निगम लिमिटेड का संयुक्त उपक्रम)
(A JOINT VENTURE OF NLCINDIA LTD. & UP RAJYA VIDYUT UTPADAN NIGAM LTD.)

घाटमपुर थर्मल पावर प्रोजेक्ट साइट आफिस, लहुरीमऊ गाँव के पास-काशिमपुर, तहसील-घाटमपुर

समूहि (डाकघर)-208001, जिला-कानपुरनगर, उत्तरप्रदेश

GHATAMPUR THERMAL POWER PROJECT SITE OFFICE,
NEAR VILLAGE LAHURIMAU - KASIMPUR, GHATAMPUR TEHSIL, P.O.: SAMUHI-208001,
KANPUR NAGAR DISTRICT, UTTAR PRADESH

(IN: U40300UP2012GOI053569, GSTIN: 09AAECN3221F1ZS)

E-Mail: ceo.nuppl@nlcindia.in, ts.nuppl@nlcindia.in



Lr. No. NUPPL/PSCB/CEO/ CCO-MoC /Mining Plan/2023/ 1951

Date: 29.11.2023

To,

Coal Controller,
Coal Controller Office (CCO).

Sub: Submission of specific report of minor changes in Mining Plan of Pachwara South Coal Block, Dumka/Jharkhand – Information Reg.

Ref : - Ministry of Coal circular No F. No. 34011/28/2019-CPAM dated – 29.05.2020.

Sir,

As per Ministry of Coal circular No F. No. 34011/28/2019-CPAM, Government of India dated 29.05.2020 point no 1.3.(B) states "Notwithstanding anything contained in clause (A) for minor changes, the project proponent is empowered to make modification with the approval of the respective company board. The minor changes shall cover a. change in land type; b. change in HEMM deployment plan; c. change in location in infrastructure within the leased area. The project proponent shall submit specific report of such minor changes to Coal Controller, CCO, Kolkata with a copy of the same to Administrative Section dealing with the allocation/allotment of the block and section dealing with approval of mining plan at MoC/CCO, for information."

In this regard a Revised Mining Plan of Pachwara South Coal Block duly approved by M/s Neyveli Uttar Pradesh Power Limited Board is hereby submitted along with the copy of Board Resolution, incorporating the revised minor changes, within the scope of the circular mentioned above.

Thanking you,

Yours faithfully,

for Neyveli Uttar Pradesh Power Limited,

Surajit Das

31/11/23 का कार्यालय
कोयला निर्यंत्रक संयंत्र
कोयला मंत्रालय
स्कोप मीनार, 5वां तल, फौर-11
लखनौ नगर, दिल्ली-110002

Surajit Das
29/11/2023
Chief Executive Officer

Copy to:
Administrative Section, MoC/CCO.

निबद्ध कार्यालय 6/42, विपुल खंड, गोमती नगर, लखनऊ-226010 (उ.प्र.) फैक्स-0522-4951065
Regd. Office: 6/42, VipulKhand, Gomti Nagar, Lucknow-226010 (U.P.)-Tele Fax:0522-4951065

Surajit Das
SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)



NEYVELI UTTAR PRADESH POWER LIMITED

A Joint Venture Company of NLCIL & UPRVUNL - A Government Company & Subsidiary of NLCIL)
Regd. Office : KH 419, G.N. Ext., Gomti Nagar, Lucknow-226 010, Uttar Pradesh, Telefax: 0522-3502053.
Project Office : Ghatampur Thermal Power Project Site office, Near village Lahurimau-Kasimpur,
Ghatampur - 209206, Kanpur Nagar District, Uttar Pradesh, Phone: 0512-2989228.
CIN: U40300UP2012GOI053569, e-mail: ceo.nuppl@nclindia.in.

PART MINUTES OF THE 84TH MEETING OF THE BOARD OF DIRECTORS OF NEYVELI UTTAR PRADESH POWER LIMITED HELD AT 17.00 HOURS ON THURSDAY, THE 23RD NOVEMBER, 2023 AT THE "THANGAM MEETING HALL", ADMINISTRATIVE OFFICE BUILDING, GHATAMPUR THERMAL POWER PLANT, GHATAMPUR TEHSIL, GHATAMPUR-209206, KANPUR NAGAR, UTTAR PRADESH.

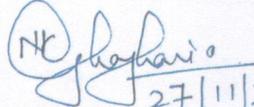
84.09 Approval for minor revision in Mine Plan of Pachwara South Coal Block as per the decisions made by the Advisory Committee in the Forest Committee meeting held on 20.10.2023.

* * * * *

The Board after deliberation passed the following resolution:

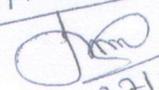
"Resolved that the approval of the Board of Directors of the Company be and is hereby accorded for the Revised Mining Plan of Pachwara South Coal Block, as annexed to the Board Note."

-/CERTIFIED TO BE TRUE/-


27/11/23

Company Secretary
Neyveli Uttar Pradesh Power Limited

To,
The Chief Executive Officer

CAM / PSCB

27/11/23



SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

NOTE FOR THE MEETING OF THE BOARD OF DIRECTORS

ITEM NO. ON THE AGENDA

Sub: Approval for minor revision in Mine Plan of Pachwara South Coal Block as per the decisions made by the Advisory Committee in the Forest Appraisal Committee meeting held on 20.10.2023.

Ref: 1. Forest Proposal No- P/JH/MIN/59823/2020

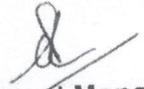
2. Minutes of Meeting of Advisory Committee meeting dated 20.10.2023.

1. Online application for Forest Clearance (FC) Proposal in respect of Pachwara South Coal Block (PSCB) was submitted in PARIVESH portal on 20.11.2020. (Application no cited in reference – 1above)
2. After fulfilling all the queries and shortcomings raised by Forest Division the FC proposal was accepted by MoEF & CC and the proposal for the non-forest use of 455.1108 ha of the forest land for Pachwara South Coal Block in favour of M/s Neyveli Uttar Pradesh Power Ltd (NUPPL), Dumka, Jharkhand, was placed before the Forest Advisory Committee (FAC), MoC, 20.10.2023 as an Agenda No. -9.
3. The Advisory Committee had detailed discussion and deliberation with the Dy. DGF (Central), RO, Ranchi and Dy. Director, O/o Nodal Officer, FCA, Government of Jharkhand. After going through the facts of the proposal and submissions made by the Dy. DGF (Central), RO, Ranchi and Dy. Director, O/o Nodal Officer, FCA, Government of Jharkhand, the Committee deferred the proposal for non-forest use of 455.1108 ha of forest land for Pachwara South Coal Block project and has raised some queries in Minutes of Meeting (MoM) dated 03.11.2023, cited in reference no - 2 above.
4. The Advisory Committee has sought queries related to Mine Plan of Pachwara South Coal Block as mentioned in MoM point no 5 (i) which states "*The components of the area proposed are not commensurate with the approved mining plan. The State shall ensure that the proposal is in conformity with the approved mining plan and submit the revised mining plan/proposal accordingly.*"
5. Mine Plan was prepared and approved in 2020 for an area of 715 Ha out of which 398.3243 Ha was forest land based on Haal(recent) survey 1991 provided by Circle Officer/Gopikandar Block, Dist-Dumka. After approval of Mine Plan by MoC application for Forest Clearance was submitted in PARIVESH PORTAL in November 2020 for 398.3243 Ha Forest land. Later on DFO/Dumka has provided revised land schedule based on section 4 of IFA 1944 annexing GM/JJ/Waste land as notified forest. As a result revised forest land stands at 455.1108 Ha.



6. Secondly, in query no 5(iii) the Advisory Committee suggested to shift the infrastructure to non-forest area. Query no 5(iii) states "Out of the total proposed forest land an area of 10.313 ha forest land is earmarked for infrastructure which is a non-site-specific activity. Therefore, the State Govt. shall explore the possibility to shift the 10.313 ha infrastructure development to non-forest land and revise the requirement of forest land accordingly."
7. The area of 10.313 ha was earmarked for construction of infrastructure likes site office, storage room, canteen, service yard and maintenance rooms etc, falls under forest land as per the approved mining plan. Therefore shifting of 10.313 ha of forest land in non-forest land will also attract revision in mining plan.
8. Hence, as per the decisions made by the Advisory Committee mentioned in serial no. 5 (i) and (iii) of MoM dated 20.10.2023, the Mine Plan of Pachwara South Coal Block needs to be revised.
9. As per the Ministry of Coal (MoC) circular dated 29th May, 2020 (**Annexure-I**), point no 1.3.(B) states "Notwithstanding anything contained in clause (A) for minor changes, the project proponent is empowered to make modification with the approval of the respective company board. The minor changes shall cover a. change in land type; b. change in HEMM deployment plan; c. change in location in infrastructure within the leased area. The project proponent shall submit specific report of such minor changes to Coal Controller, CCO, Kolkata with a copy of the same to Administrative Section dealing with the allocation/allotment of the block and section dealing with approval of mining plan at MoC/CCO, for information."
10. Accordingly a draft revised Mine Plan has been prepared and placed herewith as **Annexure -II** and specific changes are attached as **Annexure -IIA & IIB**.
11. There is no financial implication due to the change in land use pattern in revised Mining Plan.
12. Finance has concurred in.
13. Board of Directors may consider the following resolution for adoption with or without modification.
"Resolved that the approval of the Board of Directors be and hereby accorded,

i. For Revised Mining Plan of Pachwara South Coal Block."


Chief General Manager/PSCMP


CEO/NUPPL

APPLICANT
NEYVELI UTTAR PRADESH POWER LIMITED

6/42, Vipul Khand.Gomti Nagar, Lucknow-226010, Uttar Pradesh.
Tele-Fax: 0522-4951065, CIN: U40300UP2012GOI053569.



Mining Plan and Mine Closure Plan

For

Pachwara South Coal Block

Project area 714.8553 ha(≈715 ha)

Rajmahal Coalfield, Dumka District, Jharkhand

Targeted Capacity 9.00 MTPA

Peak Rated Capacity – 13.50 MTPA

November, 2023

Prepared by
United Exploration India Private Limited
Unit-402, 4th Floor, Axis Mall, Block-C
Action Area-I, Newtown-700056
Kolkata, West Bengal



SURAJIT DAS

Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

Chapter-6: Land Requirement

6.1 Land Requirement:

Parameters	Details																																													
6.1.1 Total Land requirement for the mine in "Ha"	<p>The Project area consists of 714.8553 ha(≈715 ha). The land distribution as per the Land records Obtained from the State Government both from revenue department and Forest department are furnished in Table No. 6.1 below.</p> <p style="text-align: center;">Table No. 6.1 Pre-Mining Land Distribution of Pachwara South Coal Deposit.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Pre Mining Land Use "ha"</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="8">Tenancy</td> <td>Agricultural</td> <td>122.7345</td> </tr> <tr> <td>Township</td> <td>134.06</td> </tr> <tr> <td>Grazing</td> <td>2.27</td> </tr> <tr> <td>Barren</td> <td>-</td> </tr> <tr> <td>Water Bodies</td> <td>0.68</td> </tr> <tr> <td>Road</td> <td>-</td> </tr> <tr> <td>Community</td> <td>-</td> </tr> <tr> <td>Others</td> <td>-</td> </tr> <tr> <td rowspan="6">Govt. Non Forest</td> <td>Agricultural</td> <td>-</td> </tr> <tr> <td>Township</td> <td>-</td> </tr> <tr> <td>Grazing</td> <td>-</td> </tr> <tr> <td>Barren</td> <td>-</td> </tr> <tr> <td>Water Bodies</td> <td>-</td> </tr> <tr> <td>Road</td> <td>-</td> </tr> <tr> <td>Forest</td> <td>Notified Forest</td> <td>455.1108</td> </tr> <tr> <td>Free Hold</td> <td></td> <td>-</td> </tr> <tr> <td>Total =</td> <td></td> <td>714.8553</td> </tr> </tbody> </table> <p>* Break up of Notified forest as per notifications is furnished in Table No.1.1 below</p>		Pre Mining Land Use "ha"					Tenancy	Agricultural	122.7345	Township	134.06	Grazing	2.27	Barren	-	Water Bodies	0.68	Road	-	Community	-	Others	-	Govt. Non Forest	Agricultural	-	Township	-	Grazing	-	Barren	-	Water Bodies	-	Road	-	Forest	Notified Forest	455.1108	Free Hold		-	Total =		714.8553
	Pre Mining Land Use "ha"																																													
Tenancy	Agricultural	122.7345																																												
	Township	134.06																																												
	Grazing	2.27																																												
	Barren	-																																												
	Water Bodies	0.68																																												
	Road	-																																												
	Community	-																																												
	Others	-																																												
Govt. Non Forest	Agricultural	-																																												
	Township	-																																												
	Grazing	-																																												
	Barren	-																																												
	Water Bodies	-																																												
	Road	-																																												
Forest	Notified Forest	455.1108																																												
Free Hold		-																																												
Total =		714.8553																																												

Prepared by
United Exploration India Pvt. Ltd.


SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

Ch6_Page 1 of 5

Table No. 6.1.1 Break up of Notified forest as per notifications			
Forest	Notified Forest as per notification No. 2014-VIF-27R Dated – 16.05.1944 & 9316-VIF-81 R Dated – 30.11.1945		324.045 ha
	Notified forest according to section – 4 of IFA (as per notification No. 2014-VIF-27R Dated – 16.05.1944 & 9316-VIF-81 R Dated – 30.11.1945) Forest Land		96.4134 ha
	Notified forest according to section – 4 of IFA (as per notification No. 2014-VIF-27R Dated – 16.05.1944 & 9316-VIF-81 R Dated – 30.11.1945) Waste Land		34.6524 ha
Total			455.1108 ha

6.1.2 During mining Land use details:

Land use pattern during mining, end of mining and post closure are given below in table No. 6.3.

Table No. 6.2

Land Use Pattern of Pachwara South in proposed and end of life.

Type	Land Use (proposed)	land use (End of Life)	Land Use (Post Closure)						Total
			Agricultural Land Land	Plantation	Water Body	Public/ Company Use	Forest Land (Returned)	Undisturbed	
Excavation Area	643.76								0.00
Backfilled Area		523.62	51.16	100.70			371.76		523.62
Excavated Void		120.14			44.5692		75.5708		120.14
Without Plantation									0.00
Top Soil Dump.	6.53	6.53		6.53					6.53
External Dump /surface dump									0.00

Prepared by

United Exploration India Pvt. Ltd.

Ch6_Page 2 of 5


SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

Mining Plan and Mine Closure Plan (Minor Revision)
Pachwara South Coal Block
Dumka District, Jharkhand



Safety Zone	10.84	10.84									
Haul road between quarries	17.13	17.13			3.06				7.78		10.00
Road Diversion.	3.31	3.31			17.13						17.13
Diversion/ Below River / Nala / Canal.								3.31			3.31
Settling Pond	0.04	0.04									0.00
Road & Infrastructure area.							0.04				0.04
Rationalisation Area.	18.47	18.47			17.84		0.63				18.47
Garland Drains.	4.89	4.89									0.00
Embankment.	3.56	3.56					4.89				4.89
Green Belt.	3.06	3.06					3.56				3.56
Water Reservoir Near Pit					3.06						3.06
UG Entry.											0.00
Undisturbed / Mining Rights for UG.											0.00
Resettlement.	3.2653	3.2653									0.00
Pit Head Power Plant									3.2653		3.2653
Water Harvesting											0.00
Agricultural Land											0.00
Total	714.8553	714.8553	51.16	148.32	44.5692	12.43	455.1108	3.2653	714.8553	0.00	0.00

6.1.3 Surface features over the block area

The project site covering an area of 714.8553 ha (≈ 715 ha) is dominated by forest land covering about 64% (455.1108 ha) of the project site. The present landuse pattern of the Project area is given below in Table No. 6.4 below.

Table No. 6.3
Present Land Use Pattern of Pachwara South Coal Block.

Classification	Area In Ha
Forest	455.1108
Settlement	134.06
Agricultural Land	122.7345
Grazing Land	2.27
Waterbodies	0.68
Total	714.8553

Prepared by
United Exploration India Pvt. Ltd.


SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

Ch6 Page 3 of 5



Mining Plan and Mine Closure Plan (Minor Revision)
Pachwara South Coal Block
Dumka District, Jharkhand



6.1.4	No. of villages/Houses to be shifted.	About 314 number of families to be shifted from three number of villages.
6.1.5	Population to be affected by the project.	Shifting of about 1806 number of Project Affected Persons is involved in Pachwara South Coal Project.
6.1.6	Proposed Rehabilitation Programme.	At present detail SIA is ongoing under the guidance of the District Administration. Based on the outcome of the survey, a detail R & R plan will be prepared and implemented after duly vetted by the State Government of Jharkhand.

6.2 Details of the Lease:

6.2.1	Status of Lease	The Development of this Block comes under CBA, 1957. Request for notification under section-11 (1) has already been published by Ministry of Coal vide Gazette Notification S.O 343 dated 21 st May,2021.
6.2.2	Existing Lease Area "Ha"	Nil.
6.2.3	Period for which Mining Lease has been granted/is to be renewed/ is to be applied for.	The area will be vested as per CBA Act.
6.2.4	Date of expiry of earlier Mining Lease, if any	NA
6.2.5	Whether the lease boundary/required boundary is same as mentioned in the allotment order.	The applied project area is same as the Allotted Block.
6.2.6	Lease Area (applied/required) as per the Mining Plan under consideration (Ha).	714.8553 ha(≈715 ha)
6.2.7	Whether the applied lease area falls within the allotted block.	Yes. The applied project area falls well within the allotted block boundary.
6.2.8	Area (Ha) of lease which falls outside the delineated block/sub-block	Nil.
6.2.9	Details of outside area:	Not applicable.

Prepared by
 United Exploration India Pvt. Ltd.

Ch6_Page 4 of 5


SURAJIT DAS

Chief General Manager/Project Head
 Pachwara South Coal Mine Project
 NUPPL, Dumka (Jharkhand)



	<input type="checkbox"/> Whether forms part of any other coal block	NA
	<input type="checkbox"/> Whether it contains any coal/lignite reserves	NA
	<input type="checkbox"/> Purpose for which it is required, e.g. roads/ OB dumps / service buildings/ colony/ safety zone/ others (specify)	NA
6.2.10	Whether some part(s) of the allotted block has not been applied for mining lease.	Not applicable.
	- Total area in Ha of such part(s).	NA
	- Total reserves in such part(s). (Mt)	NA
	- Brief reasoning leaving for such part(s)	NA



SURAJIT DAS
Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

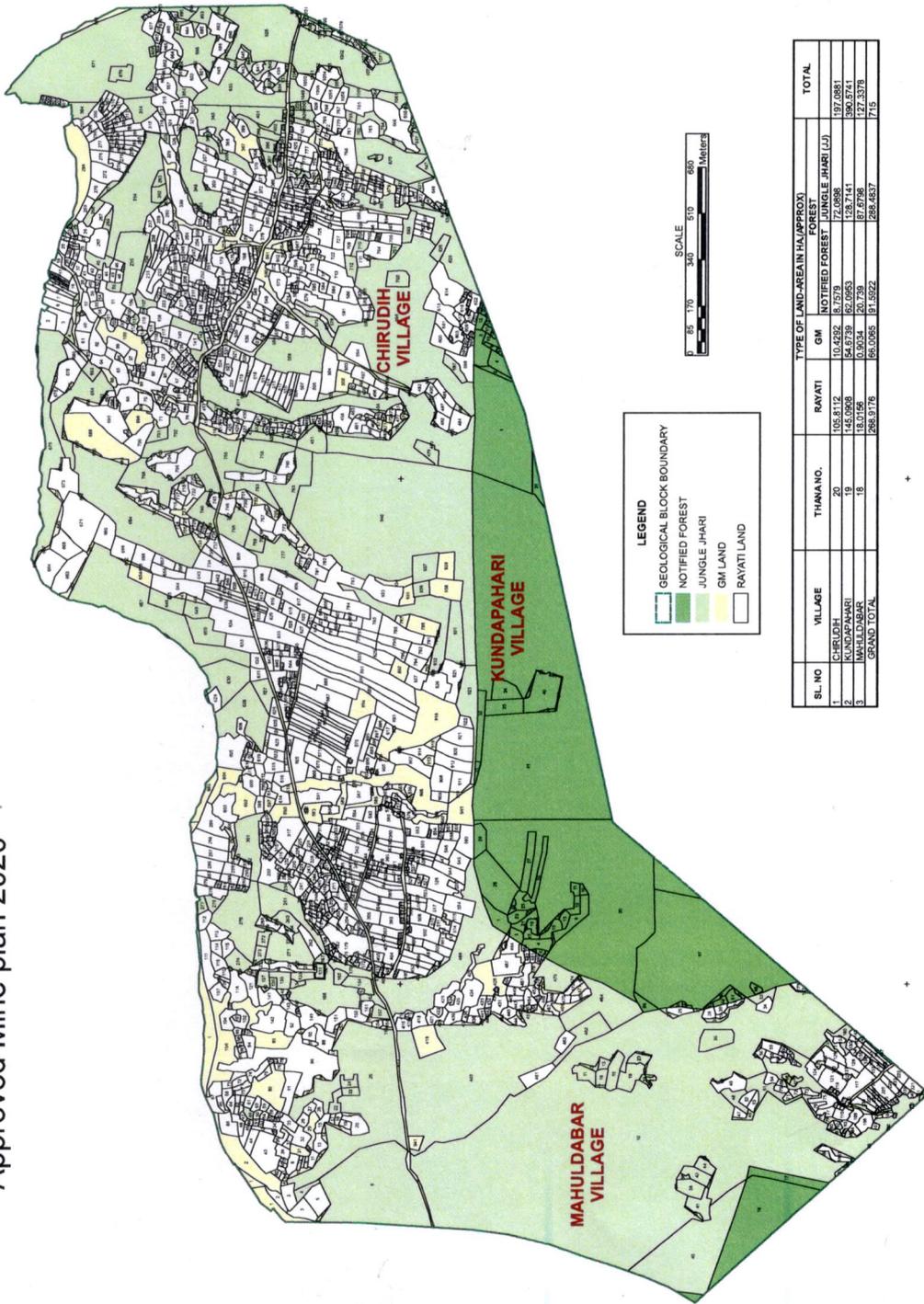
Prepared by
United Exploration India Pvt. Ltd.

87°28'0"E

87°29'0"E

87°30'0"E

Approved Mine plan 2020



LEGEND

- GEOLOGICAL BLOCK BOUNDARY
- NOTIFIED FOREST
- JUNGLE JHARI
- GM LAND
- RAVAT LAND



Sl. NO	VILLAGE	THANA NO.	RAYATI	TYPE OF LAND-AREA IN HA (APPROX)		TOTAL
				GM	NOTIFIED FOREST	
1	CHIRUDIH	20	105.8.12	10.4292	8.7579	197.0881
2	KUNDAPAHARI	19	145.0968	54.6739	62.0953	390.6741
3	MAHULDABAR	18	18.0156	0.9334	20.739	127.3378
GRAND TOTAL				268.5178	191.5822	686.6537

87°28'0"E

87°29'0"E

87°30'0"E

NEVELI UTTAR PRADESH POWER LIMITED

PLATE VIII

JOB TITLE: MINING PLAN FOR PACHWARA SOUTH COAL BLOCK, DISTRICT DUMKA, RAJMAHAL COALFIELD, JHARKHAND

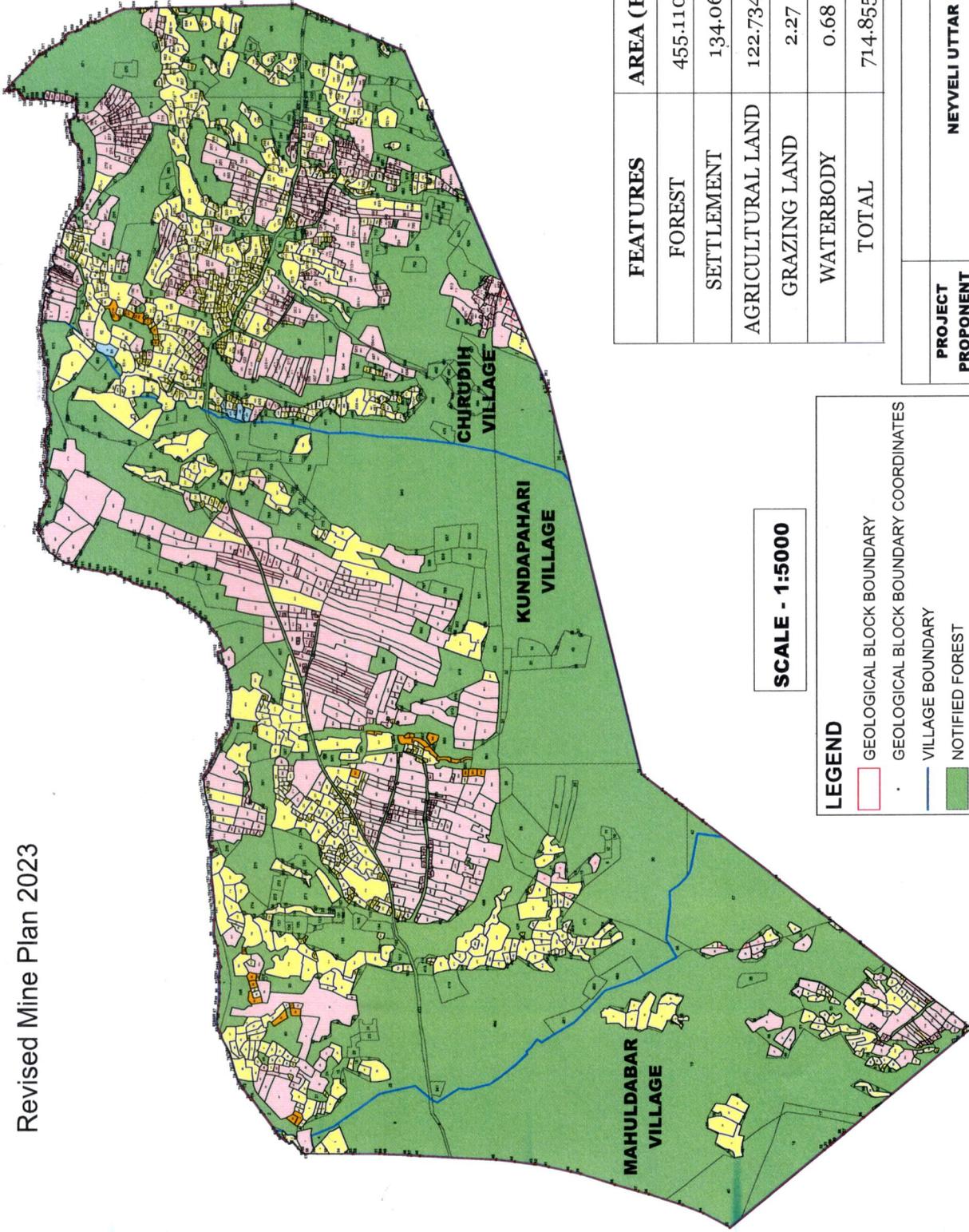
SUBJECT: PLAN SHOWING FOREST, GOVT & TENANCY LAND

PREPARED BY:	ACTIVITY	NAME	SIGNATURE	DATE
UNITED EXPLORATION INDIA PVT LTD.		SRI A.K SINHA		
	RQP NO.	34012(1)/2011-CPAM		
		DT: 22.2.2011		
		VALID UPTO 10 YEARS		

BLOCK 2A, 5TH FLOOR,
ECOSPACE BUSINESS PARK,
NEWTOWN, WEST BENGAL, 700156

RF:-1/6000

Revised Mine Plan 2023



SCALE - 1:5000

LEGEND

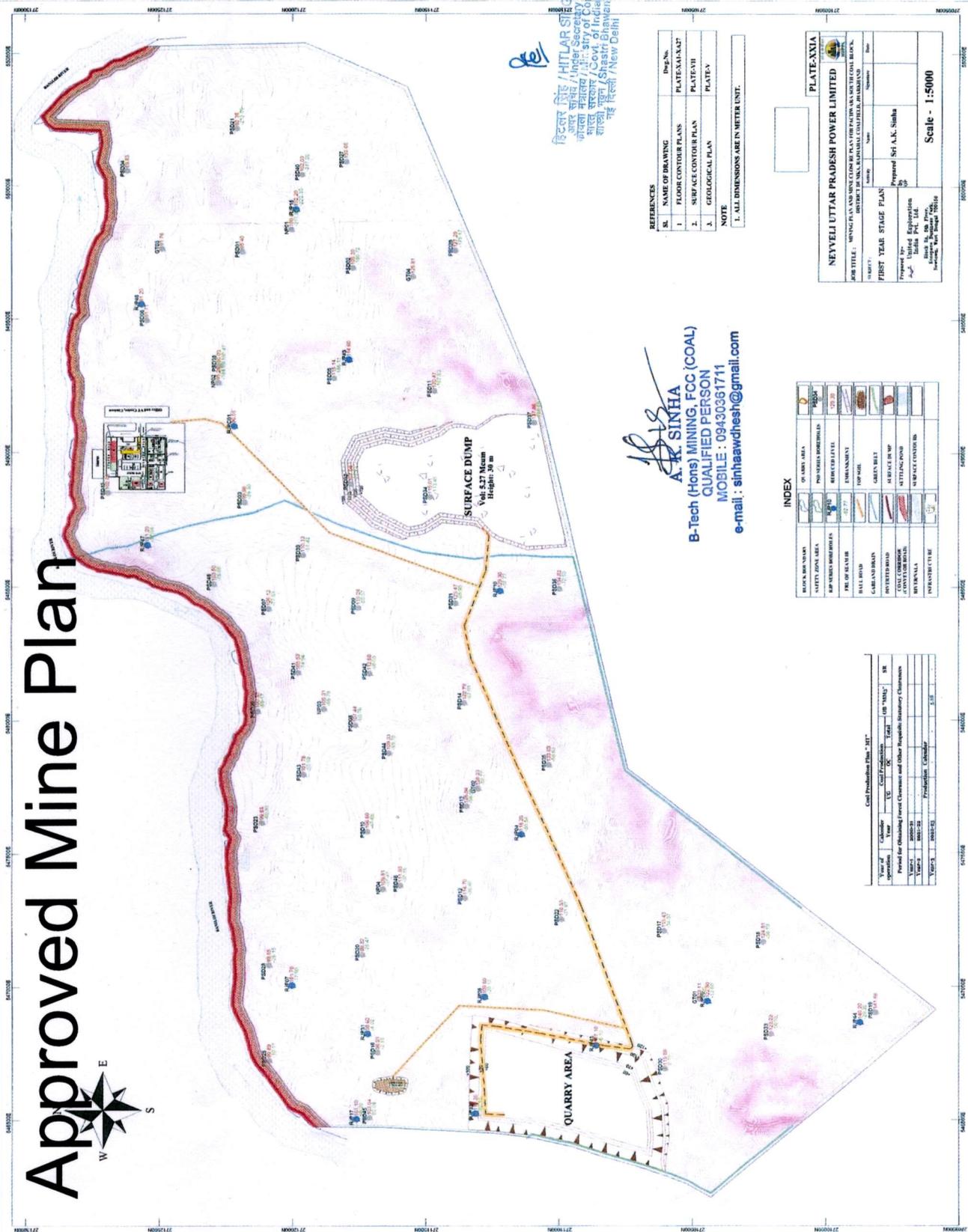
- GEOLOGICAL BLOCK BOUNDARY
- GEOLOGICAL BLOCK BOUNDARY COORDINATES
- VILLAGE BOUNDARY
- NOTIFIED FOREST
- AGRICULTURE
- GRAZING
- SETTLEMENT
- WATERBODY

FEATURES	AREA (Ha)
FOREST	455.1108
SETTLEMENT	134.06
AGRICULTURAL LAND	122.7345
GRAZING LAND	2.27
WATERBODY	0.68
TOTAL	714.8553

Sl. No.	Block No.	Block Name	Area (Ha)	Category
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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89	89
90	90
91	91
92	92
93	93
94	94
95	95
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99	99
100	100

PLATE- IX	
PROJECT PROponent	NEYVELI UTTAR PRADESH POWER LIMITED
JOB TITLE	MINE PLAN AND MINE CLOSURE PLAN FOR PACHWARA SOUTH COAL MINE, DUMKA RAJMAHAL COALFIELD, JHARKHAND
SUBJECT	TENTATIVE LANDUSE PLAN
SCALE	0 0.1 0.2 0.4 0.6 0.8 Kilometers
PREPARED BY	UNITED EXPLORATION INDIA PVT. LTD.

Approved Mine Plan




A. K. SINHA
 Director / HILAR Singh
 Joint Mining / Under Secretary
 Director General / Ministry of Coal
 Government of India
 New Delhi


A. K. SINHA
 B-Tech (Hons) MINING, FCC (COAL)
 QUALIFIED PERSON
 MOBILE : 09430361711
 e-mail : sinhaawdesh@gmail.com

REFERENCES

Sr.	NAME OF DRAWING	Drawn No.
1.	FLOOR CONTOUR PLANS	PLATE-XXI
2.	SURFACE CONTOUR PLAN	PLATE-VI
3.	GEOLOGICAL PLAN	PLATE-V

NOTE

1. ALL DIMENSIONS ARE IN METRE UNIT.

INDEX

BLOCK NO./PART	DESCRIPTION	SCALE	DATE
01	QUARRY AREA	1:5000	10/01/2018
02	SAFETY ZONE AREA	1:5000	10/01/2018
03	MINING PLAN	1:5000	10/01/2018
04	REINFORCED LEVEL	1:5000	10/01/2018
05	EMBANKMENT	1:5000	10/01/2018
06	TOP SOIL	1:5000	10/01/2018
07	GRAVEL BELT	1:5000	10/01/2018
08	GRAVEL BELT	1:5000	10/01/2018
09	PROTECTED ROAD	1:5000	10/01/2018
10	SEWERAGE	1:5000	10/01/2018
11	NETTING FENCE	1:5000	10/01/2018
12	WATER TOWER	1:5000	10/01/2018
13	INFRASTRUCTURE	1:5000	10/01/2018

PLATE-XXIA

NEVELI UTTAR PRADESH POWER LIMITED

JOB TITLE: MINING PLAN AND SURFACE PLAN FOR PACTVA IN THE COAL BLOCK,
 DISTRICT OF UNNAO, KUNJIBALLI COLLEGE, UNNAO

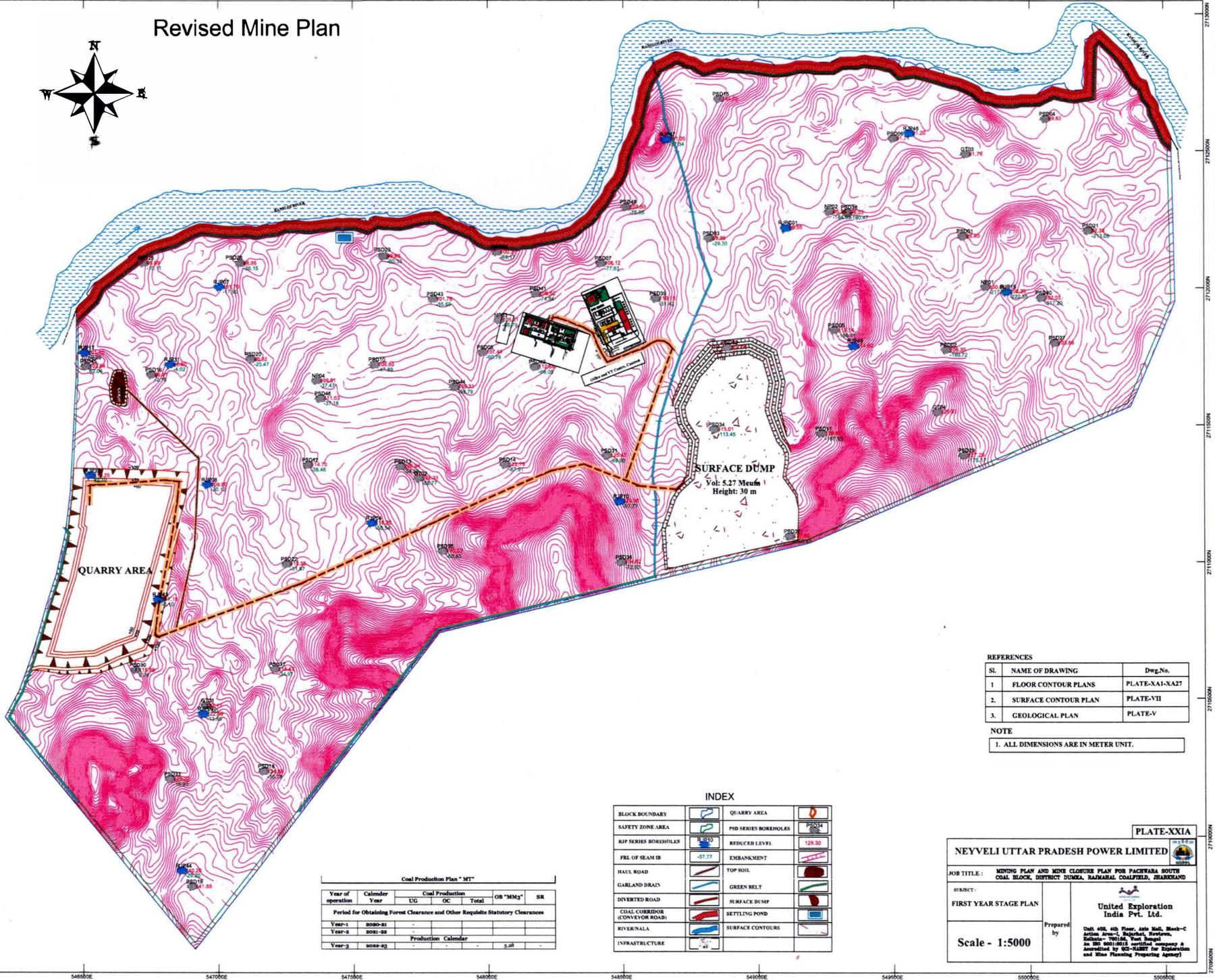
Name	Designation	Date
Prepared By:	Checked By:	Approved By:
United Exploration Private Pvt. Ltd.		Sri A.K. Sinha

Scale - 1:5000

Coal Production Plan "2018"

Year	Production	Coal Production	Total	Unit	SR
2017	200000	200000	400000	MT	
2018	200000	200000	400000	MT	
2019	200000	200000	400000	MT	

Revised Mine Plan



INDEX

BLOCK BOUNDARY		QUARRY AREA	
SAFETY ZONE AREA		PND SERIES BOREHOLES	
R/P SERIES BOREHOLES		REDUCED LEVEL	
FRL OF SEAM II		EMBANKMENT	
HAUL ROAD		TOP SOIL	
GARLAND DRAIN		GREEN BELT	
DIVERTED ROAD		SURFACE DUMP	
COAL CORRIDOR (CONVEYOR ROAD)		SETTLING POND	
RIVERNALA		SURFACE CONTOURS	
INFRASTRUCTURE			

Coal Production Plan "MT"

Year of operation	Calendar Year	Coal Production		OB "MM ³	SR
		UG	Total		
Period for Obtaining Forest Clearance and Other Requisite Statutory Clearances					
Year-1	2020-21	-	-	-	-
Year-2	2021-22	-	-	-	-
Production Calendar					
Year-3	2022-23	-	-	-	-

REFERENCES

Sl.	NAME OF DRAWING	Dwg.No.
1	FLOOR CONTOUR PLANS	PLATE-XA1-XA27
2	SURFACE CONTOUR PLAN	PLATE-VII
3	GEOLOGICAL PLAN	PLATE-V

NOTE

1. ALL DIMENSIONS ARE IN METER UNIT.

PLATE-XXIA

NEYVELI UTTAR PRADESH POWER LIMITED

JOB TITLE: MINE PLAN AND MINE CLOSURE PLAN FOR RAJIVRANA SOUTH COAL BLOCK, DISTRICT DUMKA, RAJIVRANA COALFIELD, JHARKHAND

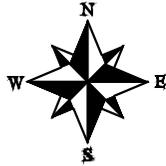
SUBJECT: FIRST YEAR STAGE PLAN

United Exploration India Pvt. Ltd.

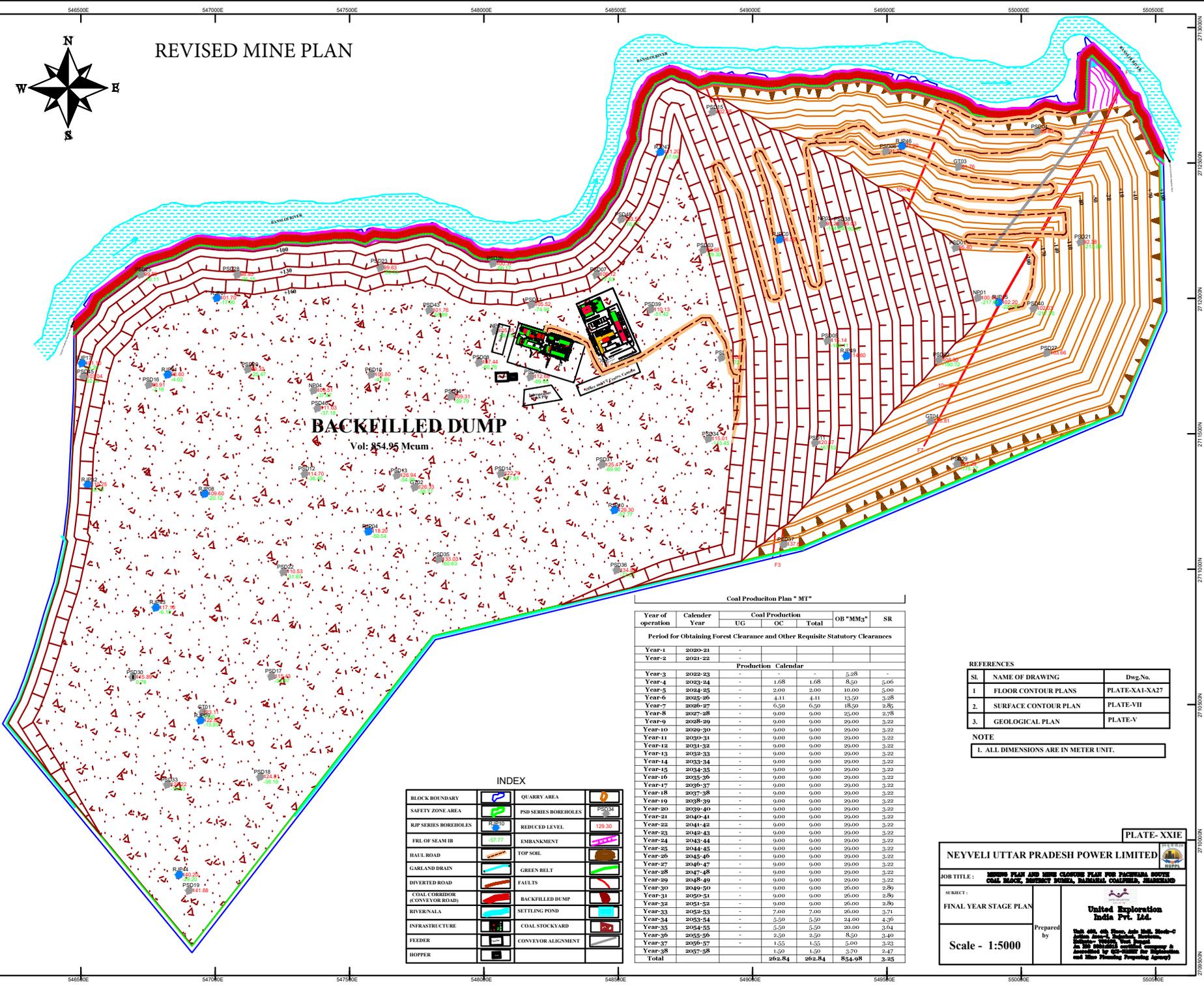
Scale - 1:5000

Prepared by

Unit 402, 4th Floor, Axis Mall, Block-C
Sector 10, Indira Park, Indraprastha,
Delhi - 110028, West Bengal
As per ISO 9001:2015 certified company &
Authorized by GCS-NABET for Exploration
and Mine Planning (Agency)



REVISED MINE PLAN



BACKFILLED DUMP
Vol: 854.95 Mcum

Coal Production Plan "MT"

Year of operation	Calendar Year	Coal Production			OB "MMt"	SR
		UG	OC	Total		
Period for Obtaining Forest Clearance and Other Requisite Statutory Clearances						
Year-1	2020-21	-	-	-	-	-
Year-2	2021-22	-	-	-	-	-
Production Calendar						
Year-3	2022-23	-	-	-	5.28	-
Year-4	2023-24	-	1.68	1.68	8.50	5.06
Year-5	2024-25	-	2.00	2.00	10.00	5.00
Year-6	2025-26	-	4.11	4.11	13.50	3.28
Year-7	2026-27	-	6.50	6.50	18.50	2.85
Year-8	2027-28	-	9.00	9.00	25.00	2.78
Year-9	2028-29	-	9.00	9.00	29.00	3.22
Year-10	2029-30	-	9.00	9.00	29.00	3.22
Year-11	2030-31	-	9.00	9.00	29.00	3.22
Year-12	2031-32	-	9.00	9.00	29.00	3.22
Year-13	2032-33	-	9.00	9.00	29.00	3.22
Year-14	2033-34	-	9.00	9.00	29.00	3.22
Year-15	2034-35	-	9.00	9.00	29.00	3.22
Year-16	2035-36	-	9.00	9.00	29.00	3.22
Year-17	2036-37	-	9.00	9.00	29.00	3.22
Year-18	2037-38	-	9.00	9.00	29.00	3.22
Year-19	2038-39	-	9.00	9.00	29.00	3.22
Year-20	2039-40	-	9.00	9.00	29.00	3.22
Year-21	2040-41	-	9.00	9.00	29.00	3.22
Year-22	2041-42	-	9.00	9.00	29.00	3.22
Year-23	2042-43	-	9.00	9.00	29.00	3.22
Year-24	2043-44	-	9.00	9.00	29.00	3.22
Year-25	2044-45	-	9.00	9.00	29.00	3.22
Year-26	2045-46	-	9.00	9.00	29.00	3.22
Year-27	2046-47	-	9.00	9.00	29.00	3.22
Year-28	2047-48	-	9.00	9.00	29.00	3.22
Year-29	2048-49	-	9.00	9.00	29.00	3.22
Year-30	2049-50	-	9.00	9.00	29.00	2.89
Year-31	2050-51	-	9.00	9.00	25.00	2.89
Year-32	2051-52	-	9.00	9.00	25.00	2.89
Year-33	2052-53	-	7.00	7.00	25.00	3.71
Year-34	2053-54	-	5.50	5.50	24.00	4.30
Year-35	2054-55	-	5.50	5.50	20.00	3.64
Year-36	2055-56	-	2.50	2.50	8.50	3.40
Year-37	2056-57	-	1.55	1.55	5.00	3.23
Year-38	2057-58	-	1.50	1.50	3.75	2.47
Total			262.84	262.84	854.98	3.25

INDEX

BLOCK BOUNDARY		QUARRY AREA	
SAFETY ZONE AREA		PSD SERIES BOREHOLES	
RIF SERIES BOREHOLES		REDUCED LEVEL	
FRL OF SEAM II		EMBANKMENT	
HAUL ROAD		TOP SOIL	
GARLAND DRAIN		GREEN BELT	
DIVERTED ROAD		FAULTS	
COAL CORRIDOR (CONVEYOR ROAD)		BACKFILLED DUMP	
RIVERS/NA		SETTLING POND	
INFRASTRUCTURE		COAL STOCKYARD	
FEDDER		CONVEYOR ALIGNMENT	
HOPPER			

REFERENCES

Sl.	NAME OF DRAWING	Dwg.No.
1	FLOOR CONTOUR PLANS	PLATE-XAI-XA27
2	SURFACE CONTOUR PLAN	PLATE-VII
3	GEOLOGICAL PLAN	PLATE-V

NOTE

1. ALL DIMENSIONS ARE IN METER UNIT.

PLATE-XXII

NEYVELI UTTAR PRADESH POWER LIMITED

JOB TITLE: MINE PLAN AND MINE CLOSURE PLAN FOR PACHARA NORTH COAL BLOCK, DISTRICT BUNDA, MADHARAJA COLLIERY, MADHARAJA

SUBJECT: FINAL YEAR STAGE PLAN

Prepared by

Scale - 1:5000

United Exploration India Pvt. Ltd.

Plot: 404, 4th Floor, 4th Main Road, Block-C, Indira Nagar, Hyderabad, Andhra Pradesh, India. (An ISO 9001:2015 certified company & an ISO 14001:2015 certified company & an ISO 45001:2018 certified company) (and also P. No. Reg. (Hydrabad, Andhra)

Eastern Railway

No. TW/535/520

Kolkata, date: 05.04.23

i) CMD, WBPDC, Bidyut Unnayan Bhaban, 3/C, Block-LA, Sector-II, Bidhannagar, Kolkata-700098

ii) CMD, Punjab State Power Corporation Ltd. PSEB Head office, The Mall, Patiala-147001, Punjab

iii) CEO/North Uttar Pradesh Power corporation Ltd., 6/42, Vipul Khand, Gomti Nagar, Lucknow -226010, U.P

Sub: - Construction of Nagarnabi/Pakur-Godda new line project under Railway investment.

Ref: - Railway Board's letter no. 2019/Infra/12/1 dt. 23.03.2023

Project Evaluation Committee of Railway Board while evaluating DPR of Godda-Pakur (Umra) (69.92Km), NL project on 03.03.2023 had advised to construct entire Godda-Pakur/Nagarnabi NL by Indian Railways with its own budget. Revised survey of the same is underway.

The portion of the New Line from Nagarnabi to Ambadiha (proposed) will be constructed in double line alignment with the provision of long-haul loop in enroute stations to cope with the large volume of anticipated traffic. Pachwara coal block can be connected by a siding taking off from the proposed Ambadiha station in double line alignment accordingly with the provision of long haul handling facilities in the loading bulb and constructed by the customers under GCT policy.

A copy of the Railway Board's above referred letter along with MOM is enclosed for your information and necessary action pl.

DA: as stated

(S. Biswas)

Chief Transportation Planning Manager

Copy to:-CMD, Rail Vikas Nigam Ltd., Plot no. 25, (1st Floor) August Kanti Bhawan, Bhikaji Cama Place, New-Delhi-110066-for information pl.

(S. Biswas)

Chief Transportation Planning Manager

SURAJIT DAS

Chief General Manager/Project Head
Pachwara South Coal Mine Project
NUPPL, Dumka (Jharkhand)

Amended I/A

W/c.

29



भारत सरकार/GOVERNMENT OF INDIA
रेल मंत्रालय/MINISTRY OF RAILWAYS
(रेलवे बोर्ड/RAILWAY BOARD)



No. 2019/Infra/12/11

Dated: 23.03.2023

PCOM,
Eastern Railway,
Fairly Place,
Kolkatta- 700001

Sub: Construction of Rail-Infrastructure of the portion of Pakur-Godda (108.920km) i.e from Nagarnabi to Pachhwara (47km) under JV Model of Participative Policy'2012.

Ref: (i) Eastern Railway letter No.TW/535/520 dated 28.11.2022.
(ii) RVNL letter No.PP&D/RVNL/SPV/WBPDCL/2019 dated 12.08.2022.

Copy of Minutes of Meeting of Project Evaluation Committee held on 03.03.2023 at Railway Board, for taking up the subject project on Railway's Budgetary support is enclosed herewith. Zonal Railway has to update the DPR for the project and submit to Gatishakti Directorate for required approvals.

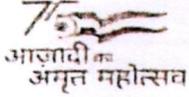
P.
(Priya Ranjan Parhi)
Executive Director (Infra)-1, Railway Board
Ph. No. 011-23782539 e-mail: edtppp@gmail.com

Copy: RVNL

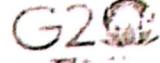
DA: As above.

S.
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भारत सरकार / Government of India
रेल मंत्रालय / Ministry of Railways
(रेलवे बोर्ड / Railway Board)



No. Gatishakti/PEC/DPR-MOM/2023

New Delhi, dated: 14/03/2023

The General Manager
SCR, CR, NWR, WR, NR, ECR, ER, WCR & ECoR

Sub: Part Minutes (Part-2) of Meeting of Project Evaluation Committee.

The Minutes of Meeting of the Project Evaluation Committee held on 03.03.2023 for examination of DPRs of various projects is attached herewith for information and further necessary action please.

DA: As above (28 pages)

Digitally signed by
ABHISHEK
ABHISHEK
JAGAWAT
Date: 2023.03.14
18:00:58 +05'30'
(Abhishek Jagawat)
Jt. Director/GS (Civil) II
Railway Board
Tele: 011-47844365

Copy to:

i) Chief Administrative Officer/Con/ SCR, CR, NWR, WR, NR, ECR, ER, WCR & ECoR

Copy forwarded to:

- (i) PED/GS, Railway Board
- (ii) ED(GS)C-I, ED(GS) E, ED(GS) S&T, ED(GS)T, ED(GS)F, ED/Plg., Eco Adviser,
Dir/GS/C-I Railway Board


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6. ROR: FIRR: (+) 0%, EIRR: (+) 12.90%

7. Allocation: Capital (GBS)

8. Railway- ER

The Details of project and estimated cost as submitted by Railway are as under:

Item	New Line between Godda- Pakur (Umra) (69.92 Km)-
Length (RKm)	69.92
Length (TKm)	101.20
Cost (Rs. in crore)	2080.46
Civil cost (Rs. in crore)	1848.80
Electrical Gen. Cost (Rs. in crore)	23.55
Electrical TRD Cost (Rs. in crore)	81.35
S&T cost (Rs. in crore)	126.77
ROR	FIRR: (+) 0% EIRR: (+) 12.90%
Completion period	NA
Land requirement	530.424Ha
Ruling gradient	1 in 150 (C)
Max curvature	3°
Speed potential	110 Kmph
No. of stations	10

Observations:

- Umra to Pakur has been shown to be constructed under JV. However, Infra Dte. of Railway Board has advised to examine the feasibility to construct Godda-Pakur new line by Indian Railway with its own budget & (i) Pachwara Coal Block can be connected by a siding taking off from this proposed line and constructed by the customer under GCT policy. (ii) Godda-Pakur /Nagarnabi can be used for passenger services as well. DPR needs to be revised and prepared accordingly.
- he proposed line is planned near Pachwara Coal block, but no freight traffic has been considered. This needs to be reviewed.
- The loop line length has been shown as 8.96 M, please verify it;
- The land rates has to be taken separate for private land, Govt. land and forest land and the factors should be dealt accordingly and not as a uniform factor of 1.5;


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Electrical TRD Cost (Rs. in crore)	73.88
S&T cost (Rs. in crore)	53.83
ROR	FIRR: (+) 12.43%
Completion period	03 years
Land requirement	8.069 Ha
Ruling gradient	1 in 100 (C) & 1 in 150 (C)
Max curvature	7°
Speed potential	60 Kmph
No. of stations	02 (Existing)

Observations:

- Estimates has been prepared with cost estimation of 3rd and 4th line shown separately. Combined estimate for both 3rd & 4th line to be submitted.
- Abstract estt as been submitted in place of Detailed estimate.
- Quantity of earthwork in filling is high as max bank height is shown as 5m only. It needs to be reviewed.
- Please review the completion time so as to reduce from 3 years to 2 years and revise IRR accordingly;
- Maximum degree of curvature is 7°, please review and examine to reduce it upto 4°;
- The track centre has been shown as 7.85M. As per SOD minimum track centre is 5.3M. Please examine and reduce the track centre so that requirement of land and cost can be reduced;
- Please find out line capacity utilisation after commissioning of the project;
- No additional traffic has been projected, but there is increase in freight trains which is needs to be clarified;
- Please review the cost of Bridges and FOB.
- Requirement of TSS should be reviewed.
- USSOR of 2019/2010 have been used. These need to be revised to USSOR 2021. Line capacity utilization does not justify the project. This aspect may be looked into.
- Railway is advised to review project cost and to submit DPR cum detailed estimate by 10.03.2023 for further examination by the committee

4. New Line between Godda- Pakur (Umra) (69.92 Km)-

Details of Project:-

1. Length -20.54 Km
2. Pink Book cost - 1723 Cr. for (80 Km section)
3. Mission 3000 MT: Yes
4. FLS Ref.: NA
5. Cost as per DPR- Rs. 2080.46 Cr.



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Minutes of Meeting held on 22.05.2023 with M/s WBDCL, M/s PSPCL & M/s NUPPL regarding construction of Pvt. Siding on GCT in Nagarnabi/Pakur-Godda project.

Members present:

<u>Eastern Railway</u> 1. Sri P.Dansana, PCOM. 2. Sri K.N. Chandra, CFTM. 3. Sri A.Kumar, CE/Con-1 4. Sri P.K.Bal, Dy.COM/Plg. 5. Sri P.K.Mishra, Dy.CE/C-IV/HWH	<u>WBDCL</u> 1.Sri A.K.Mukherjee, Director/project. 2. Sri S. Mitra, GM/Civil 3. Sri C. Goswami/Director/mines 4. Sri B. Chakraborty/ Adv. Rly. <u>NUPPL</u> 1. Sri S. Das, CGM/PH 2. Sri M. Mukherjee
<u>PSPCL</u> 1. Sri S.M.Chopra, Dy.CE/Fuel-1 2. Sri K.S.Dhillon, JE/Fuel	

The meeting has been convened to discuss proposed connectivity to Pachwara coal block through GCT policy from Ambadiha station of Nagarnabi/Pakur-Godda new line alignment.

1. PCOM started the deliberations mentioning that Nagarnabi/Pakur- Godda New Line project is to be undertaken by Railway. The alignment from Nagarnabi to Ambadiha would be double line. Connectivity of the Pachwara Coal block will be undertaken by construction of Pvt. siding through GCT policy from proposed Ambadiha station in the Nagarnabi/Pakur - Godda New Line alignment. Pvt. Siding may be constructed jointly by all the three stakeholders or otherwise.
2. Director Project/WBDCL & Dy. CE (Fuel)/PSPCL mentioned that they are willing to construct the rail connectivity portion including loading bulb area from Pachwara mines to Ambadiha station under deposit terms. The cost for construction of this section may be shared by all the constituents i.e WBDCL, PSPCL & NUPPL for which WBDCL has also written a letter to Railway.
3. PCOM mentioned that their request to construct connectivity work and Pvt. siding work on Pvt. land at Pachwara on deposit terms will be decided at the appropriate level under GCT policy guidelines framed by Railway Board. However, at first, the stake holders have to assure railways that they are in agreement to transport their coal in Nagarnabi/Pakur-Godda NL alignment. In reply, they submitted their consent jointly in writing.
4. PCOM further explained that TXR facility is being planned at Ambadiha station for examination of empty rakes nearer to loading point at Pachwara.


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Ambadiha station is planned 3 km ahead of earlier alignment. This will facilitate quick supply of empties for loading as Pvt. siding for loading of coal proposed to take off from Ambadiha station. He also mentioned that expansion plan of power plants of respective stake holders may be submitted to assess future requirement of coal.

5. Director/Projects, WBPDCCL mentioned that another coal block of Urma-Paharitola is forthcoming near Pachwara Coal block. Exploration of the block is under way. They may be considered along with Jitpur coal block in the alignment. PCOM advised Dy. COM/Planning to contact with authority of Urma-Paharitola & Jitpur so that projected traffic can be included in DPR of Pakur-Godda project.
6. CGM/PH, NUPPL mentioned about the timeline for completion of the new line project as excavation of coal from Pachwara coal block is increasing over the years and the loading bulb needs to come up early for transportation of coal by Rail. PCOM mentioned that Railway is also keen to undertake the project on priority.
7. Dy.CE/Con-IV/HWH enquired about soil investigation report and Topography survey report which were earlier conducted by RITES to be handed over to him for expediting preparation of DPR of the Project. Director/Projects, WBPDCCL in reply advised RITES to hand over the details to Dy.CE/Con-IV/HWH.
8. PCOM advised to form a nodal team comprising representative(s) from PSPCL, NUPPL, WBPDCCL and Eastern Railway for dealing with any pertinent issues.


(P.K.Bal)
Dy.COM/Planning

No. TW.700/2/Godda-Pakur

Kolkata, the 25th May' 2023.

Distribution:

1. CMD, West Bengal Power Development Corporation Ltd. (WBPDCCL), Bidyut Unnayan Bhawan, Plot no. 3/C, LA Block, Sector-III, Salt lake, Kolkata-700098.
2. CMD, Punjab State Power corporation Ltd.(PSPCL), PSEB Head Office, Patiala-147001.
3. Neyvelli Uttar Pradesh Power Ltd (NUPPL), Vipul Khand, Gomti Nagar,Lucknow- 226010.
4. CAO/Con/E.Railway/Kolkata,
5. DRM/E.Railway/Howrah, 6. Sr. DOM/E.Railway/Howrah.
7. Secretary to PCOM for kind information of PCOM.


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No.TW.700/2/Godda-Pakur

Dated 22nd May 2023.

On behalf of WBPDC, PSPCL & NUPPL respectively, we agree to construct our private siding, taking off from proposed Ambadiha station in Nagarnabi/Pakur-Godda new line alignment, under existing GCT Policy preferably or even as Deposit work if agreed to by Railways to facilitate loading of coal from our allotted coal blocks of Pachwara South (NUPPL), Pachwara North (WBPDC) and Pachwara Central (PSPCL).

We shall abide by the rules laid down in the existing GCT Policy of Rly. Board circulated vide L/No. 2021/TC(FM)/18/23 dated 06.12.2022 and any amendments to it.

S. Mitra
22/05/2023

WBPDC

(Name & Desig.)

S. MITRA, GM (Civil)

S. M. Chopra
22/5/23

PSPCL

(Name & Desig.)

S. M. Chopra
Dy. CE / Fuel-1
PSPCL

Surajit Das
22/05/2023

NUPPL

(Name & Desig.)

SURAJIT DAS
CGM / PH
PSCB / NUPPL

Accepted

Purbal

22.5.23

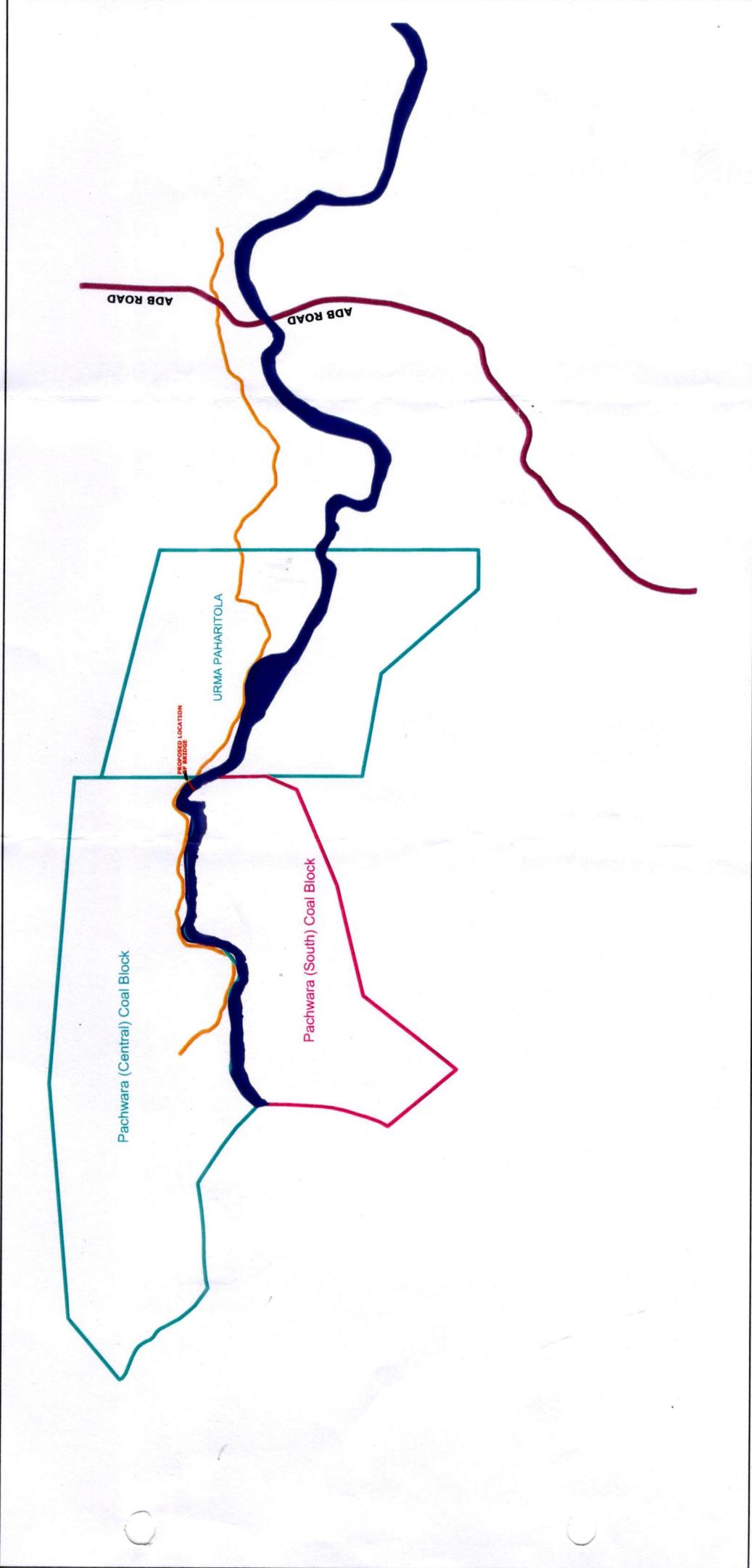
Dy. COM/Plg

Surajit Das

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Annexure - IIPD




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