

FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act,1980 for
Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details

A- 1. Project Details

(i). Proposal No. : FP/JH/MIN/48598/2020

(ii). Name of Project for which Forest Land is required : Diversion of forest land for development of
Rajbar E&D Coal mines 564.90 Ha in the State of Jharkhand by TVNL

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required : The
Rajbar E & D Coal Mine in Auranga Coalfield, lies in Latehar District of Jharkhand State. It has been
allotted to M/s Tenughat Vidyut Nigam Ltd. (TVNL), Government of Jharkhand Undertaking for power
generation; vide Order No. 103/19/2015/NA dated 30.06.2015 by MoC, Gol.

(iv). State : Jharkhand

(v). Category of the Proposal : Mining

(vi). Shape of forest land proposed to be diverted : Non Linear

(vii). Estimated cost of the Project(Rupees in lacs) : 419573

(viii). Area of forest land proposed for diversion(in ha.): 564.9

(ix). Non-forest land required for this project(in ha.): 786.1

(x). Total period for which the forest land is proposed to be diverted(in years): 48

A- 2. Details of User Agency

(i). Name : TENUGHAT VIDYUT NIGAM LIMITED


(ii). Address1 : Tenughat Vidyut Nigam Limited

(iii). Address2 : Hinoo, Doranda, Ranchi

(iv). State : Jharkhand

(v). District : Ranchi

(vi). Pin : 834002


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(vii). Landmark : NIL

(viii). Email address : ranjantvnl@gmail.com

(ix). Landline Telephone No. : 651-2252160

(x). Fax No. : 651-2253841

(xi). Mobile No. : 9835346525

(xii). Website (if any) : www.tunlonline.com

(xiii). Legal status of User Agency : State Government

**A-
3. Details of Person Making Application**

(i). First Name: Rajesh

(ii). Middle Name: NIL

(iii). Last Name: Ranjan

(iv). Gender: Male

(v). Designation: SE

(vi). Address 1: TVNL, Hinoo, Doranda, Ranchi

(vii). Address 2: NIL

(viii). State: Jharkhand

(ix). District: Ranchi

(x). Tehsil: Khunti

(xi). Pin: 834002

(xii). Landmark: NIL


(xiii). Email Address: ranjantvnl@gmail.com

(xiv). Landline Telephone No.: 651-2252160

(xv). Fax No.: 06512253841

(xvi). Mobile No.: 9835346525


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(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: 

B. Details of land required for the Project

B- Details of proposal seeking prior approval of Central Government under the Act for
1. diversion of forest land for the Project already submitted in the past

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In- Principle Approval	Date of Final Approval
NIL							

B-
2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Latehar	564.9	786.1
Total		564.9	786.1

B-2.2 Details of Districts involved


District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Latehar	564.9	786.1
Total		564.9	786.1

B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	LEJANG	0	7.16
2	RAJBAR	298.47	199.24
3	SERAK	7.17	1.26
4	DAREA	57.2	173.11
5	RENCHI	65.86	258.64
6	JERANG	136.2	146.69
Total		564.9	786.1





















B-2.4 Component wise breakup

Component wise breakup

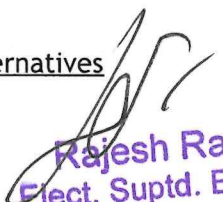

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S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Excavation Area	520.36	741.64
2	Road	4.88	6.12
3	Garland Drain	2.21	2.09
4	Embankment	5.98	3.52
5	E.T.P., Magazine & Sed. Tank	2.8	0
6	CHP with Coal Storage area	12.7	0
7	Safety Zone	6.84	6.43
8	Green Belting Area	4.16	11.47
9	Electrical Substation	0	2
10	Work Shop	0	2.9
11	Store	0	1.9
12	Office	0	1.9
13	Township	3.97	6.13
14	Undisturbed Area	1	0
Total		564.9	786.1

C. Maps of forest land proposed to be diverted

Division 1. : Latehar																										
<p>(i). Area of forest land proposed to be diverted(in ha.) : 564.9</p> <p>(ii). Nature of the Project: Non Linear</p> <p>(a). No. of patches : Six</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="3" style="text-align: center; padding: 5px;">Patch wise details</th> </tr> <tr> <th style="width: 10%;">Patch No.</th> <th style="width: 20%;">Area of Patch(in ha.)</th> <th style="width: 70%;">Kml File of PatchesTo view KML file on google the same may be downloaded and then open if in google earth install in your computer.</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>0</td> <td style="text-align: center;">  View File </td> </tr> <tr> <td>2.</td> <td>298.47</td> <td style="text-align: center;">  View File </td> </tr> <tr> <td>3.</td> <td>7.17</td> <td style="text-align: center;">  View File </td> </tr> <tr> <td>4.</td> <td>57.2</td> <td style="text-align: center;">  View File </td> </tr> <tr> <td>5.</td> <td>65.86</td> <td style="text-align: center;">  View File </td> </tr> <tr> <td>6.</td> <td>136.2</td> <td style="text-align: center;">  View File </td> </tr> </tbody> </table> <p>(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: </p> <p>(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: </p>			Patch wise details			Patch No.	Area of Patch(in ha.)	Kml File of PatchesTo view KML file on google the same may be downloaded and then open if in google earth install in your computer.	1.	0	 View File	2.	298.47	 View File	3.	7.17	 View File	4.	57.2	 View File	5.	65.86	 View File	6.	136.2	 View File
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6.	136.2	 View File																								

D. Justification for locating the Project in forest land and details of alternatives examined:


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(i). Copy of note containing justification for locating the Project in forest land: 

E. Employment likely to be generated

(i). Whether the Project is likely to generate employment?: Yes

(ii). Permanent/Regular Employment(Number of persons): 1461

(iii). Temporary Employment(Number of person-days): 3000

F. Displacement of People due to the Project, if any

(i). Whether Project involves displacement?: Yes

(a). Total Number of families : 1660

(b). Number of Scheduled Caste families : 175

(c). Number of Schedule Tribes families : 612

(d). Number of other families : 873

(ii). Copy of Rehabilitation and Resettlement Plan: 

(a). Copy of approval to Ministry of Tribal Affairs, Government of India to Rehabilitation and Resettlement: 

G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: Yes

(a). Copy of Cost-Benefit analysis: 

H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986? : Yes

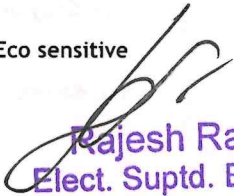
(a). Status of the Environmental Clearance to the Project: EC under process

(ii). Environmental Clearance File No.: IA-J-11015/44/2017-IA-II(M)

I. Status of Wildlife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone? : No

J. Applicability of special provisions governing Scheduled Areas


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(i). Whether the Project or a part thereof is located in a Scheduled Area? : Yes

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed? : No

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: No

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: No

(iii) . Reason for not providing Non-Forest Land: Others


M. Mining Details

M-
1. Details of Mineral Concessions

(i). Whether the forest land is acquired under Coal Bearing Areas Act: No

(a). Reference number of Letter of Intent for grant of mining lease.(approval letter of the State Mines and Geology Department): 2063

(b). Date of issue of the Letter of Intent(LOI) for grant of mining lease: 22 Dec 2021

(c). Copy the Letter of Intent(LOI): 


(d). Total area of the mining lease(in ha.): 1351

(e). Area of forest land located in the mining lease(in ha.): 564.9

M-
2. Details of Mining Plan

(i). Date of approval of mining plan: 13 Mar 2019

(ii). Approval authority: Ministry of Coal, Government of India


(iii). Copy of approval of mining plan: 

(iv). Copy of approved mining plan: 

(v). Nature of mining (underground/opencast): Opencast



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(vi). Copy of the detailed land use plan in 1:4,000 scale prepared by using GPS or Total Station :

(vii). Copy of map of the outer boundary of mining lease area:  [View file](#)

M-
3. Details of prospecting undertaken to assess mineral reserves

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken: Yes

prospecting undertaken to assess mineral reserves					
S.no	Designation of authority responsible for grant of the original prospecting licence	Date of grant of prospecting licence	Period of validity of extension prospecting licence From date	Period of validity of extension prospecting licence To date	Copy of prospecting licence
1	Department of Mines and Geology	14 May 2010	14 May 2010	13 May 2013	

M-
4. Details of extension (if any) of original prospecting licence issued in the past

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken: No

M-
5. Brief details of prospecting activities undertaken in the mining lease :

(i). Detail of prospecting activity under taken in the mining lease: Total 81 boreholes have been drilled by GSI and Dept. of Mines & geology, Govt. of Jharkhand for exploration purpose.

M-5.1 Details of bore holes drilled for prospecting :

Bore holes drilled for prospecting				
S.no	No. of Bore holes (in forest land)	Diameters(in inch.) forest land	No. of Bore holes (in non-forest land)	Diameters(in inch.) non-forest land
1	38	3	43	3


M-5.2 Estimated Reserve along with accuracy and confidence level

Estimated Reserve along with accuracy and confidence level						
Minerals	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level
Coal and Lignite	287.13	90	80	567.01	90	80

M- Details of approval under the Forest (Consevation) Act,1980 obtained for undertaking
6. prospecting activities in the forest land located in the mining lease

(i).Whether approval under the Forest (Conservation) Act, 1980 for undertaking prospecting activities in the forest land located in the mining lease have been obtained No

Details of approval under the Forest(Consevation) Act,1980


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S.no	MoEF File No	Date of approval	Area of forest land diverted(in ha.)	From Date	To Date
NIL					

M-
7. Mineral wise details

(i). No. of minerals: NIL

Mineral wise details						
Minerals	Estimated reserve in non forest land(million tons.)	Estimated reserve in forest land(million tons.)	Estimated annual extraction(million tons.)	Estimated life of mine(Yrs.)	Total estimated extraction during mining lease period(million tons.)	Estimated mineral reserve at the end of mining lease(million tons.)
Coal and Lignite	279.88	287.13	10	48	420.2	146.81









M-
7.1 Proposed use of the minerals proposed to be raised from the mining lease

(i). Proposed use of the minerals proposed to be raised from the mining lease: Captive
























(a). Copy note containing details of the linked end-use Project:

(ii). Copy note containing details of the plan for the transportation of the minerals proposed to be raised from the mining lease:

Additional information Details

Documents		
S.No	Documents	Remarks
1		Annexure-2 (Allotment Order & Amendment of Allotment Order)
2		Annexure-5 (Detailed note on the Project)
3		Annexure-7 (Layout Plan of Rajbar E&D Coal Mines)
4		Annexure-8 (Checklist no.7 Statement showing Forest Land)
5		Annexure-9 (Checklist no.8 Statement showing Non-Forest Land)
6		Annexure-11 (Undertaking for Minimum Use of Forest Land)
7		Annexure-12 (Undertaking for Payment of CA)
8		Annexure-13 (Undertaking for Payment of NPV & Additional NPV)


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9		Annexure-14 (Undertaking for FRA Certificate & Settlements of Rights)
10		Annexure-18 (Undertaking for Environment Clearance)
11		Annexure-20 (Undertaking for Catchment Area Treatment Plan)
12		Annexure-21 (Reclamation Plan)
13		Annexure-23 (Geological Report)
14		Annexure-24 (Certificate issued by PCCF & Chief Wildlife Warden)
15		Annexure-26 (Undertaking for Mining Lease)
16		Annexure-27 (Undertaking for Safety Zone)
17		Annexure-30 (Muck Disposal Plan)
18		Annexure-32 (Undertaking for Conservation of Flora/Fauna during Mining)
19		Annexure-33 (Undertaking for No Changes in Statutory Position of Diverted Forest Land)
20		Annexure-34 (Undertaking for Payment of Any Other Cost & Condition)
21		Annexure-35 (Undertaking for Use of Forest Land)
22		Annexure-36 (Undertaking in respect of Establishment of Labour Camp)
23		Annexure-37 (Undertaking for conducting and submission of Gram Sabha Proceedings)
24		Annexure-38 (Certificate of NoC for GMJJ Land)
25		Annexure-39 (Item-wise Land Breakup)
26		Annexure-41 (Geological Coordinates of Rajbar E&D Coal Mine as per CMPDIL)
27		Annexure-46 (CS Forest Village Map of Village-Jerang, Rajbar, Darea, Renchi and Serak)
28		Annexure-47 (RS Forest Village Map of Village-Jerang, Rajbar, Darea, Renchi and Serak)
29		Annexure-48 (Index Map Showing Project)
30		Annexure-49 (Linear Map Showing Project)
31		Annexure-51 (Stage Plans)


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32		Annexure-52 (Prapatra I)
33		Annexure-53 (Prapatra II)

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**APPENDIX
(See Rule 6)
FORM – 'A'**

**Form for seeking prior approval under section 2 of the proposals
by the State Governments and other authorities**

PART-I

(to be filled up by user agency)

1. Project details:

(i) Short narrative of the proposal and project/scheme for which the forest land is required :-

The Rajbar E & D Coal Mine in Auranga Coalfield lies in Latehar District of Jharkhand State. It has been allotted to M/s Tenughat Vidyut Nigam Ltd. (TVNL), Government of Jharkhand Undertaking for power generation; vide Order No. 103/19/2015/NA dated 30.06.2015 by MoC, GoI. The coal produced from the mine will be for captive use of extension power units (660 MW x 2) of M/s TVNL. The TVNL, presently, have functional 210 MW x 2 units. 660 MW x 2 units are proposed for expansion in Lalpania village near Tenughat Reservoir in Bokaro District of the State of Jharkhand. Hence, requirement of diversion of 564.90 ha of Forest land is required to meet the requirement.

(ii) Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map :-Enclosed.

(iii) Cost of the project :-Estimated 4195.73 Crore.

(iv) Justification for locating the project in forest area :-

Rajbar E&D Coal Mine, in Auranga Coalfield, is a coal bearing zone having good quality coal reserve as established through details exploration done Tenughat Vidyut Nigam Limited (A Government of Jharkhand Undertaking). The coal mine has been allotted by Ministry of Coal, Government of India for mining of coal for captive use to meet the requirement of the proposed End Use Plants at Tenughat Thermal Power Station Extension of 2 x 660 MW at Lalpania, District Bokaro, Jharkhand.

About 41.87 % area of the coal mine is covered under forest land. Without forest land, mining activity cannot be taken up in the coal mine. The Mine Plan (Including Mine Closure Plan) has been approved by Ministry of Coal, Govt. of India. The coal to be produced from this coal mine would help in generation of power which ultimately shall promote the growth of industries and industrial production. This will help in economic development of and more income to the State of Jharkhand besides generating additional avenues for employment, further, mining operation in this area shall improve the infrastructure facilities and enhance the socio-economic condition of the local people.

(v) Cost-benefit analysis (to be enclosed) :- Being enclosed.

(vi) Employment likely to be generated :-

- a. Permanent/Regular Employment (Number of persons): 1461
- b. Temporary Employment (Number of person): 3000

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As per mine plan benefit to the population :

1. Directly -1461 (Annual Man shift $330 \times 1461=482130$)
2. Indirectly -about 3000 (Annual Man shift $330 \times 3000=990000$)
3. Employment generated on non-forest land in afforestation programme.
4. Locality people will have income opportunity in various ancillary work & other activities.

2. Purpose-wise break-up of the total land required:-

S.No.	Uses	Forest (Ha)	Non-Forest (Ha)	Total Area (Ha)
1	Excavation Area	520.36	741.64	1262.00
2	Road	4.88	6.12	11.00
3	Garland Drain	2.21	2.09	4.30
4	Embankment	5.98	3.52	9.50
5	E.T.P., Magazine & Sedimentation Tank	2.8	0	2.80
6	CHP with Coal Storage area	12.7	0	12.70
7	Safety Zone	6.84	6.43	13.27
8	Green Belting Area	4.16	11.47	15.63
9	Electrical Substation	0	2	2.00
10	Work Shop	0	2.9	2.90
11	Store	0	1.9	1.90
12	Office	0	1.9	1.90
13	Township	3.97	6.13	10.10
14	Undisturbed	1	0	1.00
Total Area - In Hectare		564.90	786.10	1351.00

3. Details of displacement of people due to the project, if any:- Yes (R&R Report preparation is in process).

i. Number of families – 1660.

ii. Number of Scheduled Castes/Scheduled Tribe families – SC : 175 / ST : 612.

iii. Rehabilitation plan - A draft R&R Plan was submitted to DC, Latehar as per RFCRTLARR Act 2013 and an R&R Committee as per section 45 of RFCRTLARR Act 2013 has been constituted. TVNL is submitting an Undertaking for submission of R&R Plan before getting final approval.

4. Whether clearance under Environment (Protection) Act, 1986 required? :- Yes.

ToR granted by MoEF&CC, GoI vide F.No.IA-J-11015/44/2017-IA-II(M), dt..28.03.2022.

Environment Clearance application vide No.IA/JH/CMIN/540550/2025 filed on 12.06.2025. The proposal was placed before the 30th Expert Appraisal Committee on 11.08.2025.

5. Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed) :- Undertaking is enclosed.


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6. Details of Certificates/documents enclosed as required under the instructions :-

The following certificates / documents are enclosed :-

- a) Form A (Part-1).
- b) Authorization.
- c) Justification.
- d) Project Description.
- e) Cost Benefit Analysis (CBA).
- f) Undertaking for CA.
- g) Undertaking for NPV.
- h) Undertaking for Itemwise land breakup.
- i) Undertaking for Transportation of Minerals Plan.
- j) NOC from PCCF & Wildlife Warden, Govt. of Jharkhand.
- k) DGPS maps.
- l) CS maps.
- m) Toposheet showing 1:50000 scale.

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Date:- ____/____/2025

Place:- RANCHI.


(RAJESH RANJAN)
Electrical Superintendent Engineer
Tenughat Vidyut Nigam Ltd.
JUPMI Building Premises in ABD Area,
Ranchi Smart City,
P.O. & P.S. – Dhurwa,
Ranchi – 834004, Jharkhand, India.

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T.V.N.L. Ranchi

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State serial No. of proposal _____
(To be filled up by the Nodal Officer with date of receipt)

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