

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

Mahadev Ghat Road, Raipura Chowk,

Raipur-492 013 (C.G)

CIN: U45203CT2013GOI000729

email: cerlcewrl@gmail.com

Phone: 0771-2970338

CERL/2020-21/18

Date: 08.01.2021

To,
Divisional Forest Officer
Dharamjaygarh & Raigarh
Division Dharamjaygarh,
District – Raigarh

Sub: - Diversion of 36.943 ha. Of Forest Land for non-forest purpose under Forest Conservation Act, 1980 proposed for construction of three new feeder lines taking off from east Railway line from Kharsia to Dharamjaygarh for transportation of coal, District – Raigarh, in the state of Chhattisgarh –regarding.

Ref: - 1. Letter F.No . FC-II/CH-131/2020-NGP/7200 dated 16th September 2020.
2. Letter No /MA. Chi. /4142 Dharamjaygarh Dated 09/10/2020.

Dear Sir,

We are in receipt of letter no FC-II/CH-131/2020-NGP/7200, Dated 16th September 2020 after recommendation of regional empowered committee the central government accorded in principle approval under section -2 of the forest conservation Act, 1980 for diversion of 36.943 ha. of forest land for non-forest purpose in favor of Chhattisgarh East Railway Limited for construction of three new feeder lines taking off from east railway line from Kharsia to Dharamjaygarh for transportation of coal, district Raigarh in state of Chhattisgarh.

The Compliance stipulated in the referred letter is under:-

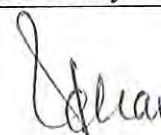
Sl.No	Condition	Compliance of Condition
i	. Legal status of the forest land shall remain unchanged;	We hereby give undertaking that legal status of the forest land will remain Unchanged. CERL Undertaking is attached and marked as Annexure -1
ii	. Compensatory afforestation	
	a. Compensatory afforestation shall be taken up by the Forest Department over 74.00 ha degraded forest land (Comp. No. 591/P area 46.62 ha., OA 501/1A area 6.39 ha, Orange Area 70/1, 69/1 area 11.70 and Orange Area 501/1A area 9.29 all in Dharamjaygarh Forest Division) at the cost of the user agency. As far as possible, a mixture of local indigenous species shall be planted, 10% of which shall be RET species of Raigarh District and monoculture of any species may be avoided;	The Compensatory afforestation Amount of Rs. 5,37,43,980.00/- as per the demand note issued by the DFO Dharamjaygarh, has been Deposited in Chhattisgarh CAMPA ACCOUNT No 150645941849387, Corporation Bank, New Delhi Through NEFT and Payment UTR No. IDIBR5202011221564896 dated 12-11-2020. A copy of the payment receipt is herewith attached and marked as Annexure -2
	b. The Orange Area proposed for CA shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval. A copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest	The proposed CA land is Orange Area (OA 70/1 & 69/1, OA 501/1A) and Protected Forest (PF 591/P). Based on the request of DFO Dharamjaygarh to District Collector Raigarh vide letter no. SLNo/4689 dated 11.11.2020, for

Chief Operating Officer
Chhattisgarh East Railway Ltd
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2nd Floor, Raipura,
Raipur (C.G.)

	Act as the case may be, will be submitted by the State Government prior to Stage-II approval;	Mutation of Orange Area in favor of Forest Department, the District Collector Raigarh has provided the No Objection Certificate (NOC) Letter. The NOC letter is herewith attached and marked as Annexure-3
iii	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;	The Compensatory Afforestation (CA) amount of Rs. 5,37,43,980.00/- as per the demand note issued by the DFO Dharamjaygarh, has been Deposited in Chhattisgarh CAMPA ACCOUNT No 150645941849387, Corporation Bank, New Delhi through NEFT and Payment UTR No. IDIBR52020111221564896 dated 12-11-2020. A Copy of the payment receipt is herewith attached and marked as Annexure -2.
iv	. NPV:	
	a. The State Government shall charge the Net Present Value(NPV) for the 36.943 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5- 1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007 -FC dated 05/02/2009 in this regard;	The NPV Amount of Rs.2,94,34,952.00/- as per the demand note issued by the DFO Dharamjaygarh, has been Deposited in Chhattisgarh CAMPA ACCOUNT No 150645941849246, Corporation Bank, New Delhi Through NEFT and Payment UTR No. IDIBR52020112021611511 dated 20-11-2020. A copy of the receipt is herewith attached As and marked as Annexure -2
	b. Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect;	CERL agrees to comply with the said condition, and hereby gives undertaking. The undertaking letter is attached and marked as Annexure-4
v	User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department;	CERL has chosen the route through the forest area which has minimum number of trees to be felled. A total of 4866 Nos of trees are to be felled in both divisions. In Dharamjaygarh 4559 Nos & in Raigarh division 307 Nos. The Tree cost of Rs.26,34,782.00/- towards the tree felling, as per the demand note issued by the DFO Dharamjaygarh, has been deposited with the DFO Dharamjaygarh vide demand draft No 174054 dated 02-12-2020 drawn from Indian bank, branch Tatibandh in Raipur and for Raigarh division the cost of Rs. 1,47,473.00/- towards the tree felling has been deposited vide demand draft no. 174065 dated 05.01.2021. The CERL letter along with copy of Demand draft deposited is herewith attached and marked as Annexure -5

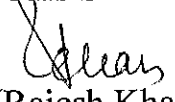

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 Raipur (C.G.)

vi	All the funds received from the user agency under the project shall be transferred/ deposited to CAMPA fund only through <i>e-portal</i> (https://parivesh.nic.in/);	CERL Deposited the funds of compensatory afforestation (CA) and Net Present Value (NPV) in CAMPA Account through e-portal. A copy of the payment receipt is herewith attached and marked as Annexure -2.
vii	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector;	CERL has already submitted the documentation w.r.t FRA process. The complete compliance as per FRA 2006 is completed and the FRA certificate has been issued by the Raigarh District collector.
viii	Speed regulating signage will be erected along the road at regular intervals in the Protected Areas/ Forest Areas;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-6
ix	User Agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable;	Not Applicable, As Per EIA Notification it is not falling under list of projects required prior Environmental Clearance. Attached is MoEF guideline marked as EIA notification, Annexure-6A .
x	Roadside plantation shall be done by the User Agency in all possible available stretches under the consultation with State Forest Department for reclamation of public roads which are used for coal transportation; further, State Government shall ensure that roadside plantations has been carried out in all road stretches used for coal transportation by covering them under any plantation scheme. Details of plantation along with scheme shall be submitted to Regional Office along with Stage-I approval;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-7. CERL has initiated the identification and survey of road patches (that are used for coal transportation) where plantation can be carried out. The plantation scheme will be prepared in- coordination with Forest Department and CERL wishes to submit undertaking for making the payment for the cost of road-side plantation
xi	All recommendations as suggested by Wildlife Institute of India, Dehradun in Wildlife Management Plan shall binding on the User Agency and the State Government shall ensure that all recommendations are compiled by User Agency within stipulated time. A detailed report in this regard shall be submitted along with Stage-I compliance report.	Wildlife Institute of India has Submitted the draft wild life plan to PCCF (Wild life, GoCG) vide letter no. WII/Ele.Cell/Dharamjaigarh Railway Mitigation dated 23/10/2020 with specific their recommendation (copy enclosed as Annexure 8). WII has asked for feedback from PCCF/Wild life, GoCG. CERL hereby confirm that all the recommendation of WII and PCCF/ Wild life will be complied.
xii	User Agency shall develop a separate nursery at one or more places to raise at least 25,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for better relation with local people residing in vicinity of proposed proposal, User Agency shall voluntary distribute remaining 50% of seedlings to them free of cost. A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Regional Office of MoEF&CC;	CERL hereby gives undertaking that the cost of raising the nursery shall be deposited with the State Forest department based on the recommendation of the State Nodal officer (Land Management) or the Divisional Forest Officer Dharamjaygarh. The letter of undertaking in this regard is herewith attached and marked as Annexure-9
xiii	The layout plan of the proposal shall not be changed	CERL hereby wishes to submit an undertaking in


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2nd Floor, Raipura,
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	without prior approval of Central Government;	this regard and the letter of undertaking is attached marked as annexure-10
xiv	No labour camp shall be established on the forest land;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-11
xv	Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-12
xvi	The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-13
xvii	No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-14
xviii	The period of diversion under this approval shall be co- terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less;	CERL agrees to comply with the said condition.
xix	The forest land shall not be used for any purpose other than that specified in the project proposal;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-15
xx	The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-16
xxi	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-17
xxii	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife;	CERL agrees to comply with the said condition and hereby gives undertaking letter in this regard and the letter is marked as Annexure-18
xxiii	The compliance report shall be uploaded on <i>e-portal</i> (https://parivesh.nic.in/);	CERL Uploaded to compliance report through e- portal.

Yours Sincerely


(Rajesh Khare)
Chief Operating Officer
CERL & CEWRL

Copy To:

1. Addl. Principal Chief Conservator of forest (LM), CG Govt., Naya Raipur – For information please.
2. The Chief Conservator of forest, Bilaspur (C.G.) - For information please.
3. CGM/CGRP, IRCON, Bilaspur - For information please.

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Raipur-492 013 (C.G)

CIN: U45203CT2013GOI000729

email: cerlcewrl@gmail.com

Phone: 0771-2970338

Annexure -1

UNDERTAKING

MoEF&CC condition No (i) **Legal Status of Diverted Forest Land shall Remain Unchanged.**

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)
Chief Operating Officer
CERL & CEWRL



Ministry of Environment, Forest and Climate Change
Government of India

My Account ▾ My Proposals Environment Clearance ▾ Only CRZ Clearance ▾ My Proposals Forest Clearance ▾ My Proposals Wildlife Clearance ▾ Help ▾

4:50:26 PM

Online payment history made by User Agency under CAMPA

Help



Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CIN: CERL U45203CT2013GOI000729cerlcewrl@gmail.com

No.CERL/20-21/ 475

Date: 13.11.2020

To,
DFO, Dharamjaygarh,
Dharamjaygarh (C.G.).

Sub: Deposition of amount of Rs.5,37,43,980.00/- in CAMPA Account towards the Compensatory Afforestation for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

Ref.:

1. Your Letter No. 4142 dated 09.10.2020.

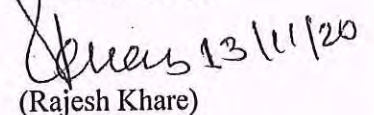
Dear Sir,

With reference to the above subject matter, this is to inform that CERL has made the Payment of Rs.5,37,43,980.00/- in the CAMPA Account - 150645941849387 with Corporation Bank, Lodhi Complex Branch, New Delhi, through UTR No. IDIBR52020111221564896 dated 12.11.2020 against your above referred letter for further necessary action at your end.

This is for your kind information.

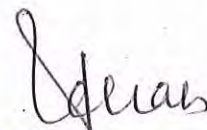
Thanking You.

Yours Sincerely,


(Rajesh Khare)Chief Operating Officer
CERL & CEWRL

Copy to:

1. Addl. Principal Chief Conservator of forest (LM), CG Govt., Naya Raipur - For information please.
2. The Chief Conservator of forest, Bilaspur (C.G.) - For information please.
3. Divisional Forest Officer, Raigarh - For information please.
4. CEO/CERL & CEWRL, Raipur - For information please.
5. CGM/PPP, IRCON, Bilaspur - For information please.
6. CFO/CERL, Raipur - For information please.



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छत्तीसगढ़ शासन, वन विभाग



भारतीय वन अधिनियम 1927(NO. XVI Of 1927) के अन्तर्गत
अधिसूचना प्रस्ताव

संस्थान का नाम :- छत्तीसगढ़ ईस्ट रेल्वे लाईन लिमिटेड में क्षतिपूर्ति वृक्षारोपण हेतु

वनमंडल	— धरमजयगढ़
परिक्षेत्र	— छाल, धरमजयगढ़
राजस्व वन भूमि की संख्या	— 02


वनमण्डलाधिकारी
वनमंडल धरमजयगढ़

छत्तीसगढ़ शासन, वन विभाग

धरमजयगढ़ वनमंडल राजस्व वन भूमि (C.J.B.J) क्षेत्र ईकाई - छाल

धरमजयगढ़ वनमंडल के परिक्षेत्र छाल के राजस्व वन भूमि में बनाये गये वन खंडों की धारा - 4 में अधिसूचना के लिये प्रस्ताव के अभिलेखों की अनुसूची :-

अ.क्र.	विवरण	पृष्ठ संख्या
1	राजस्व वन भूमि (C.J.B.J.) (हिन्दी में)	
2	धारा - 04 में अधिसूचना का प्रारूप (हिन्दी में)	
3	धारा - 04 में अधिसूचना का प्रारूप (अंग्रेजी में)	
4	राजस्व वन भूमि (C.J.B.J.) के मानचित्र 1:15000 स्केल में	


परिक्षेत्राधिकारी
छाल


उपवनमंडलाधिकारी
धरमजयगढ़


वनमंडलाधिकारी
वनमंडलधरमजयगढ़

अधिसूचना किये जाने वाले राजस्व वन भूमि (C.J.B.J.) की सूची एवं मानचित्र

((भ.व. अधि. 1927 (क्र. 16 सन् 1927) की धारा 4 की उपधारा (1))

जिला — रायगढ़

तहसील — धरमजयगढ़

वनमंडल — धरमजयगढ़

परिक्षेत्र — छाल

क्र.	प्रस्तावित राजस्व वन भूमि का नाम	ग्राम का नाम एवं प.ह. नं.	क्षेत्रफल (हे.मे.)
1	सिथरा	सिथरा प.ह.न. 41	11.700
2	सिथरा	सिथरा प.ह.न. 41	15.680
योग:—			27.380


परिक्षेत्राधिकारी
छाल


उपवनमण्डलाधिकारी
धरमजयगढ़


वनमण्डलाधिकारी
वनमंडलधरमजयगढ़

छत्तीसगढ़ शासन, वन विभाग

मंत्रालय रायपुर

अधिसूचना

क्रमांक.....

रायपुर, दिनांक

भारतीय वन अधिनियम 1927 (क्रमांक 16 सन 1927) की धारा 4 की उपधारा (1) द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए राज्य सरकार एतद् द्वारा यह घोषित करती है, कि नीचे दी गई अनुसूची विनिर्दिष्ट भूमि को अनुसूची के कालम (6) में यथा विनिर्दिष्ट अवस्थित तथा सीमाओं सहित "संरक्षित वन" के रूप में बनाने का विनिश्चय कर लिया गया है, अर्थात् :-

अनुसूची

जिला - रायगढ़, तहसील - धरमजयगढ़, वनमंडल - धरमजयगढ़, परिक्षेत्र - छाल					
स. कं.	वनखण्ड का नाम	प.ह.नं. एवं राजस्व ग्राम जहाँ वनखण्ड अवस्थित है	खसरा नंबर	क्षेत्रफल हैक्टेयर में	अवस्थिति / सीमायें
1	2	3	4	5	6
1	केराकोना नारंगी वनखंड 70/1,69/1	प.ह.नं. - 41, सिथरा	70/1,69/1	11.700	उत्तर-खसरा नं 489,68(River) पूर्व-खसरा नं 481,479 दक्षिण-खसरा नं 83,82,69/5 पश्चिम-खसरा नं 75/1
	योग :-			11.700	
2	जिंग्गडान्ड नारंगी वनखंड 501/1क	प.ह.नं. - 41, सिथरा	501/1क	15.680	उत्तर - खसरा नं. 474,477/2,501/5, 484/1,485 पूर्व - खसरा नं. 501/1K दक्षिण - खसरा नं. 532,533,531,530, 503,505,703,719/1 पश्चिम - खसरा नं. 69/7,470/1
	योग :-			15.680	
	कुल योग:-			27.380	

छत्तीसगढ़ के राज्यपाल के नाम से
तथा आदेशानुसार


परिक्षेत्राधिकारी
छाल


उपवनमंडल अधिकारी
धरमजयगढ़


वनमंडलाधिकारी
वनमंडलधरमजयगढ़

मुख्य वन संरक्षक
बिलासपुर वृत्त
बिलासपुर (छ.ग.)

अपर प्रधान मुख्य वन संरक्षक,
(भू-प्रबंध/व.सं.अ.)

एवं

नोडल अधिकारी-वन संरक्षण अधिनियम
छत्तीसगढ़ रायपुर

FOREST DEPARTMENT
Mantralaya, Mahanadi Bhawan, Naya Raipur - 492002

S.No.....

Raipur,

Dated

No..... In exercise of the power conferred by sub-section (1) section 4 of the Indian Forest Act. 1927 (Central Act. No. XVI of 1927), the State Government hereby declares that it has been decided to constitute the lands specified in the schedule below with the situation and limits as specified in column (6) of the schedule as **Protected forest** namely :-

SCHEDULE

District - Raigarh
Tehsil - Dharmjaigarh

Forest, Division – Dharmjaigarh
Forest, Range - Chhal

S.No.	Name of Forest Block	Patwari Halka No. and Revenue Village where Block situated	Khasara Nos	Area in Hectare	situation / limit
1	2	3	4	5	6
1	Kerakona Orange AREA 70/1,69/1	P.H.N.- 41, Sithara	70/1, 69/1	11.700	North – Khasra No. 489,68(River) East – Khasra No. 481,479 South - Khasra No 83,82,69/5 West - Khasra No. 75/1
	Total			11.700	
2	Jinganada nd Orange Area 501/1K	P.H.N.- 41, Sithara	501/1K	15.680	North – Khasra No. 474,477/2, 501/5, 484/1,485 East – Khasra No. 501/1K South - Khasra No. 532,533,531,530, 503,505,703,719/1 West - Khasra No. 69/7,470/1
	Total			15.680	
	Grand Total			27.380	

By order of Governor of Chhattisgarh


Range Officer
Chhal


Sub-Divisional Forest Officer
Dharmjaigarh


Divisional Forest Officer
Division Dharmjaigarh

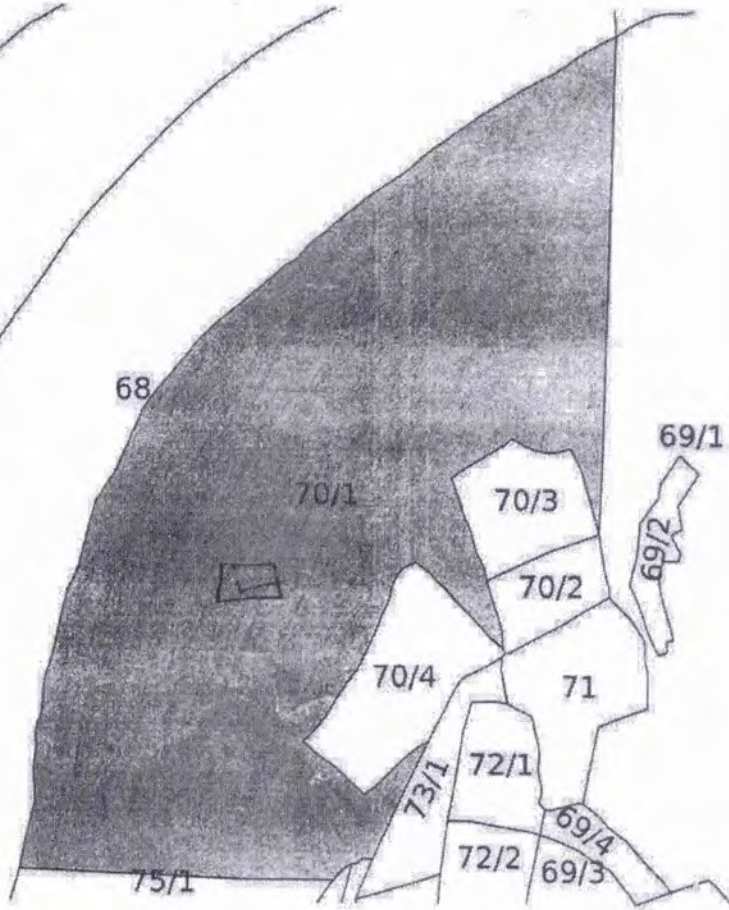
Conservator of Forest
Bilaspur Circil Bilaspur

Addl. Principal Chief Conservator of Forests
(Land Managment), Chhattisgarh, Raipur

खसरा नक्शा

दिनांक : 30/05/2020 10:36:59 AM

ग्राम : सिधरु राजस्व निरीक्षक मण्डल : धरमजयगढ़ तहसील : धरमजयगढ़ जिला : रायगढ़



मापमान 1:4000

खसरा नंबर : 70/1

धारणाधिकार : शासकीय भूमि

रकबा : 8.4660 हेक्टेयर

सिंचित रकबा : 0.0000

असिंचित रकबा : 0.0000

नाम : शासकीय भूमि

पिता का नाम :

पता :

वन परिक्षेत्राधिकारी
छाल परिक्षेत्र
मनमण्डल, धरमजयगढ़

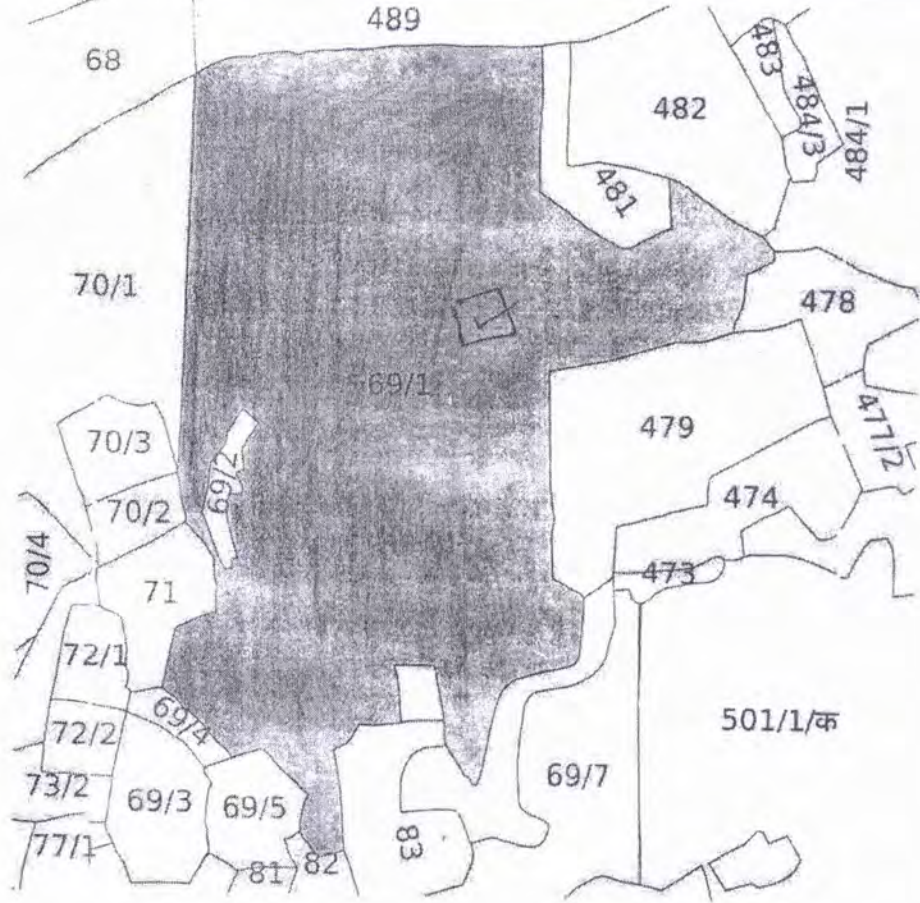
H.N. Palkara
P.O.N.
Teh. Dharamajyagar
Dist. Raigarh

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

खसरा नक्शा

दिनांक : 30/05/2020 10:36:25 AM

ग्राम : सिथरा राजस्व निरीक्षक मण्डल : धरमजयगढ़ तहसील : धरमजयगढ़ जिला : रायगढ़



मापमान 1:5000

खसरा नंबर : 69/1
धारणाधिकार : शासकीय भूमि
रकबा : 13.5290 हेक्टेयर
सिंचित रकबा : 0.0000
असिंचित रकबा : 0.0000

नाम : शासकीय भूमि
पिता का नाम :
पता :

वन परिक्षेत्राधिकारी
छाल परिक्षेत्र
मनमण्डल, धरमजयगढ़

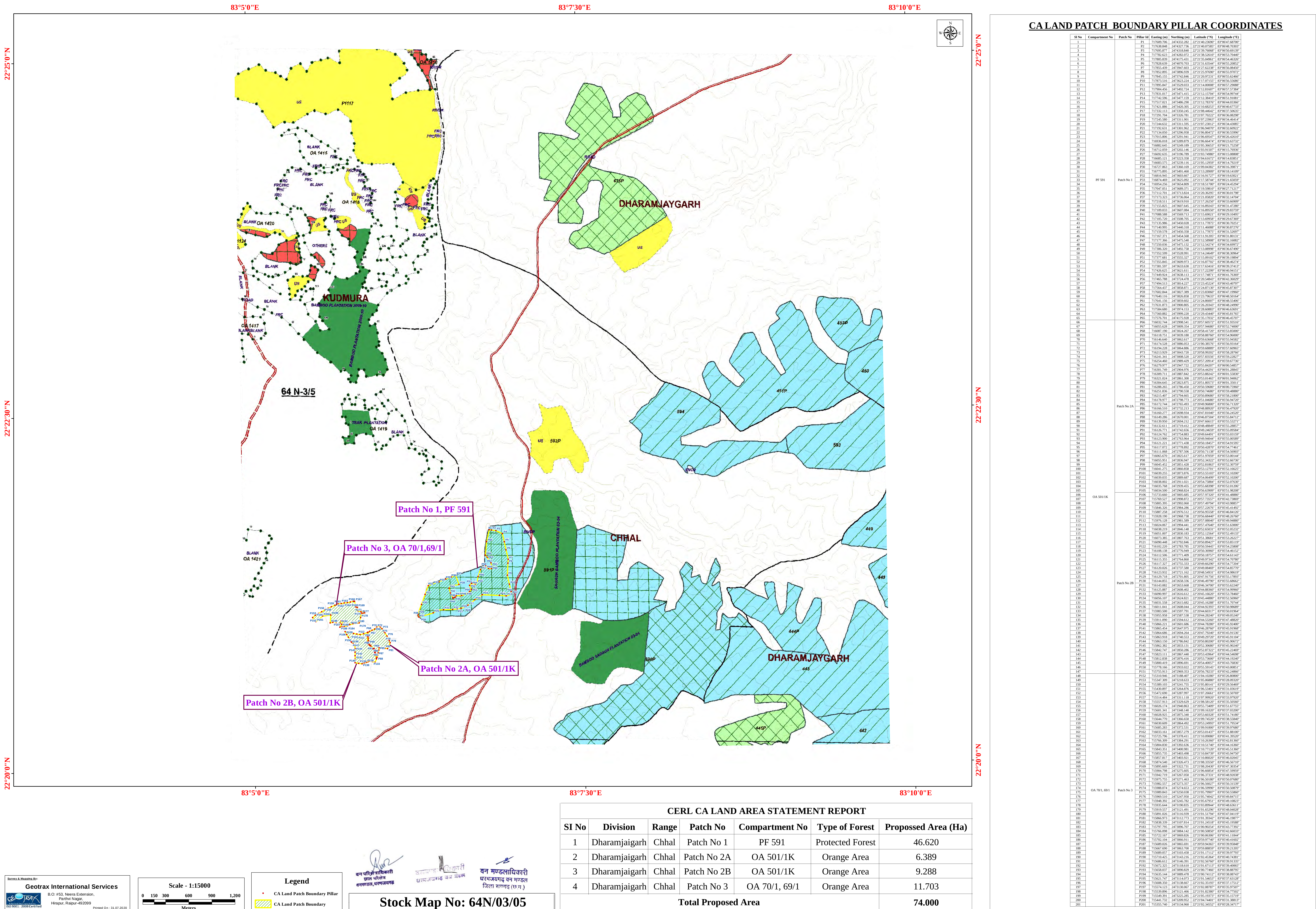
H.M. Patkara
P.C.N. 41
Teh.-Dharamjaya
Dist.-Raigarh(C.G.)

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

दिनांक : 30/05/2020 10:37:47 AM

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

MAP SHOWING 74 HA LAND PROPOSED FOR COMPESATORY AFFORESTATION (CA) FOR CERL, IN CHHAL RANGE, DIVISION DHARAMJAI GARH, C.G





कार्यालय कलेक्टर भू-अभिलेख शाखा जिला-रायगढ़(छ.ग.)

क्रमांक / 1440 / स.अ.भू.अ. / 2020
प्रति,

रायगढ़ दिनांक 02/12/2020

वनमण्डलाधिकारी
वनमण्डल धरमजयगढ़
जिला-रायगढ़(छ.ग.)

विषय :- वैकल्पिक वृक्षारोपण हेतु प्रस्तावित केराकोना नारंगी वनखण्ड खसरा नं. 70/1, 69/1 एवं जिगाडांड नारंगी वनखण्ड 501/1क को आर.एफ/पी.एफ में अधिसूचित करने बाबत।
संदर्भ :- कार्यालय वनमण्डलाधिकारी धरमजयगढ़ जिला रायगढ़ के पत्र क्रमांक/मा.वि./4689 धरमजयगढ़ दिनांक 11.11.2020।

—00—

विषयांतर्गत संदर्भित पत्र का अवलोकन करने का कष्ट करें। प्रकरण में भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय, नागपुर द्वारा प्रथम चरण की स्वीकृति प्रदान की गई है। स्वीकृति में अधिरोपित शर्तों के क्रमांक ii(b) अनुसार आवेदक संस्थान द्वारा वैकल्पिक वृक्षारोपण के लिये प्रस्तावित केराकोना नारंगी वनखण्ड खसरा नं. 70/1, 69/1 कुल रकबा 11.700 हे. एवं जिगाडांड नारंगी वनखण्ड 501/1क रकबा 15.680 हे. को वन विभाग को हस्तांतरित एवं उक्त वनखण्डों को आर.एफ/पी.एफ में अधिसूचित करने हेतु निर्देशित किया गया है। पूर्व में दिनांक 10.06.2020 द्वारा उक्त प्रकरण में वैकल्पिक वृक्षारोपण किये जाने हेतु अनुमति प्रदान की जा चुकी है।

अतः प्रकरण में वैकल्पिक वृक्षारोपण के लिये प्रस्तावित केराकोना नारंगी वनखण्ड खसरा नं. 70/1, 69/1 कुल रकबा 11.700 हे. एवं जिगाडांड नारंगी वनखण्ड 501/1क रकबा 15.680 हे. को वन विभाग को हस्तांतरित एवं उक्त वनखण्डों को आर.एफ/पी.एफ में अधिसूचित करने हेतु इस कार्यालय को कोई आपत्ति नहीं है।

ह
कलेक्टर

रायगढ़ (छ.ग.)

पृ. क्रमांक / 1440 A / स.अ.भू.अ. / 2020
प्रतिलिपि:-

रायगढ़ दिनांक 02/12/2020

1. अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध-व.स.अ.) अरण्य भवन मेडिकल कॉलेज रोड रायपुर छ.ग. को सूचनार्थ।
- ✓ 2. मुख्य कार्यपरिचालन अधिकारी छ.ग. रेल्वे लि.मि.सी.एस.आई.डी.सी. कॉम्प्लेक्स महादेव घाट रोड रायपुर छ.ग. की ओर सूचनार्थ।

ह
कलेक्टर

रायगढ़ (छ.ग.)

Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

Mahadev Ghat Road, Raipura Chowk,

Raipur-492 013 (C.G)

CIN: U45203CT2013GOI000729

email: cerlcewrl@gmail.com

Phone: 0771-2970338

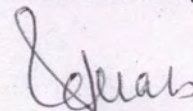
Annexure -3

UNDERTAKING

MoEF&CC condition No (iii) **The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority**

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)
Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CIN: CERL U45203GT2013GOI000729cerlcewrl@gmail.com

No.CERL/20-21/ 502

Date: 20.11.2020

To,
DFO, Dharamjaygarh,
Dharamjaygarh (C.G.).

Sub: Deposition of amount of Rs.2,94,34,952/- towards the NPV pertaining to the forest land diversion under FCA-1980 of 36.943 Ha. for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

Ref.:

1.Your Letter No. 4666 dated 10.11.2020.

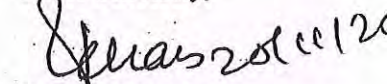
Dear Sir,

With reference to the above subject matter, this is to inform that CERL has made the Payment of Rs. 2,94,34,952.00/- in the CAMPA A/c No. 150645941849246 with Corporation Bank, Lodhi Complex Branch, New Delhi, through UTR No. IDIBR52020112021611511 dated 20.11.2020 towards the NPV pertaining to the forest land diversion under FCA-1980 of 36.943 Ha. for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

This is for your kind information and further necessary action please.

Thanking You.

Yours Sincerely,



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Copy to:

1. Addl. Principal Chief Conservator of forest (LM), CG Govt., Naya Raipur – For information please.
2. The Chief Conservator of forest, Bilaspur (C.G.) - For information please.
3. Divisional Forest Officer, Raigarh - For information please.
4. CEO/CERL & CEWRL, Raipur - For information please.
5. CGM/PPP, IRCON, Bilaspur - For information please.
6. CFO/CERL, Raipur - For information please.


Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)



Ministry of Environment, Forest and Climate Change
Government of India

- My Account ▾
- My Proposals Environment Clearance ▾
- Only CRZ Clearance ▾
- My Proposals Forest Clearance ▾
- My Proposals Wildlife Clearance ▾
- Help ▾

4:50:26 PM

Online payment history made by User Agency under CAMPA

[Help](#)



Dear

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

Mahadev Ghat Road, Raipura Chowk,

Raipur-492 013 (C.G)

CIN: U45203CT2013GOI000729

email: cerlcewrl@gmail.com

Phone: 0771-2970338

Annexure - 4

UNDERTAKING

MoEF&CC condition No (iv(b)) Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency.

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CIN: CERL U45203CT2013GOI000729cerlcewrl@gmail.com

No.CERL/20-21/523

Date: 02.12.2020

To,
DFO, Dharamjaygarh,
Dharamjaygarh (C.G.).

Sub: Deposition of amount of Rs.26,34,782.00/- towards the Demand Note for Tree Felling in Forest Land in connection with Diversion of 36.943 ha. of forest land for non-forest purpose under forest conservation act , 1980 proposed for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

Ref.:

- (i) DFO, Dharamjaygarh Letter No. 4723 dated 19.11.2020.
- (ii) Stage-I forest clearance, MoEF vide Letter No. F.No. FC-II/CH-131/2020-NGP/7200 dated 16.09.2020.

Dear Sir,

With reference to the above subject matter, please find enclosed herewith a demand draft bearing no. 174054 dated 02.12.2020 amounting to Rs. 26,34,782.00/- (Rupees Twenty-Six Lakhs Thirty-Four Thousand Seven Hundred Eighty-Two only) of Indian Bank, Tatibandh branch Raipur (C.G.) towards the Demand Note for Tree Felling in Forest Land in connection with Diversion of 36.943 ha. of forest land for non-forest purpose under forest conservation act , 1980 proposed for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

This is for your kind information and further necessary action please.

Thanking You.

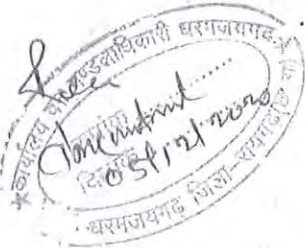
Enclos. As above.

Yours Sincerely,

Bondre 02/12/20
Chief Operating Officer
for CERL & CEWRL

Copy to:

1. Addl. Principal Chief Conservator of forest (LM), CG Govt., Naya Raipur – For information please.
2. The Chief Conservator of forest, Bilaspur (C.G.) - For information please.
3. Divisional Forest Officer, Raigarh - For information please.
4. CEO/CERL & CEWRL, Raipur - For information please.
5. CGM/PPP, IRCON, Bilaspur - For information please.
6. CFO/CERL, Raipur - For information please.



Chhat
Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)



इंडियन बैंक
Indian Bank

(जारीकर्ता शाखा/ ISSUING BRANCH)

Tatibanda
(2676)

केवल तीन महीने के वैध Valid for three months only

02122020

D D M M Y Y Y Y

मांगे जाने पर ON DEMAND PAY

Dfo, Dharamjaygarh

या उनके आदेश पर OR ORDER

रुपये RUPEES

Twenty six lakh thirty four thousand seven

hundred

eighty two only

मूल्य के लिये अदा करें FOR VALUE RECEIVED

₹

2634782

इंडियन बैंक की सभी शाखाओं में सममूल्य पर देय।

Payable at par at all branches of Indian Bank

Raigarh

(1793)

(अदाकर्ता शाखा/ Drawee Branch)

Applicant - Chhattisgarh East
Railway (Ltd)

अधिकृत हस्ताक्षरकर्ता
Authorised Signatory (S.S. No.)

अधिकृत हस्ताक्षरकर्ता
Authorised Signatory (S.S. No.)

Please sign above

T19/HDDC

174054 0000190001

16

Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CIN: CERL U45203CT2013GOI000729cerlcewrl@gmail.com

No.CERL/20-21/08

Date: 05.01.2021

To,
DFO, Raigarh,
Raigarh (C.G.).

Sub: Deposition of amount of Rs.1,47,473.00/- towards the Demand Note for Tree Felling in Forest Land in connection with Diversion of 36.943 ha. of forest land for non-forest purpose under forest conservation act, 1980 proposed for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

Ref.:

- (i) DFO, Raigarh Demand Letter No. 8841 dated 31.12.2020.
- (ii) Stage-I forest clearance, MoEF vide Letter No. F.No. FC-II/CH-131/2020-NGP/7200 dated 16.09.2020.

Dear Sir,

With reference to the above subject matter, please find enclosed herewith a demand draft bearing no. 174065 dated 05.01.2021 amounting to Rs. 1,47,473.00/- (Rupees One Lakhs Forty-Seven Thousand Four Hundred Seventy-Three only) of Indian Bank, Tatibandh branch Raipur (C.G.) towards the Demand Note for Tree Felling in Forest Land in connection with Diversion of 36.943 ha. of forest land for non-forest purpose under forest conservation act, 1980 proposed for construction of three new feeder lines taking off from Chhattisgarh East Railway Limited.

This is for your kind information and further necessary action please.

Thanking You.

Enclos. As above.

Yours Sincerely,

Rajesh Khare 5/1/21
(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Copy to:

1. Addl. Principal Chief Conservator of forest (LM), CG Govt., Naya Raipur – For information please.
2. The Chief Conservator of forest, Bilaspur (C.G.) - For information please.
3. Divisional Forest Officer, Dharamjaigarh - For information please.
4. CEO/CERL & CEWRL, Raipur - For information please.
5. CGM/PPP, IRCON, Bilaspur - For information please.
6. CFO/CERL, Raipur - For information please.

Rajesh Khare
Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)



कलन सेन मोहन के द्वारा Valid for three months only
05012021

मांगे जाने पर ON DEMAND PAY D/o Raigarh

रुपये RUPEES One lakh forty seven thousand four hundred

Seventy three only राधा मूल्य के लिये अदा करें FOR VALUE RECEIVED

Applicant - Chhattisgarh East Railway Ltd.

रायगढ़ 1793

श्रीरघु वेंकट की सभी शाखाओं में सममूल्य पर देय।
Payable at par at all branches of Indian Bank

अधिकृत/अधिकृतिका
Authorized Signatory (S.S. No.)

अधिकृत/अधिकृतिका
Authorized Signatory (S.S. No.)

प्लीज साइन अबाव

T19/HDDC

11 74065 000000000000

15

Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipur,
Raipur (C.G.)



PARIVESH
परिवेश

Ministry of Environment, Forest and Climate Change
Government of India

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Online payment history made by User Agency under CAMPA

Help

Sno.	Proposal Detail	Application_No	Application No (New)	Date of IN-PRINCIPLE	Amount to be Paid / Amount Paid (in Rs.)				Payment Status	Payment Detail	Demand Letter
1	FP/CG/RAIL/41849/2019 Division of 36.943 Ha of Forest land for construction of three new Feeder lines taking off from East corridor Railway line from Kharsia to Dharamjaygarh for transportation of coal	RAIL418492019246	5941849246	16 Sep 2020	CA: 0/- PCA: 0/- Safety Zone: 0/- NPV: 29434952/- Other Charges1: 0/- Other Charges2: 0/- Other Charges3: 0/- Total: 29434952/-	Addl CA: 0/- CAT: 0/- Addl PA: 0/- Other Charges: 0/-			Paid	Fund Demand Verified by Nodal Officer On Bank Name Mode of Payment Challan Generated On Transaction Date :18 Nov 2020 :Corporation Bank :NEFT/RTGS (Challan) :18 Nov 2020 :20 Nov 2020	Demand Letter Generated Challan
2	FP/CG/RAIL/41849/2019 Division of 36.943 Ha of Forest land for construction of three new Feeder lines taking off from East corridor Railway line from Kharsia to Dharamjaygarh for transportation of coal	RAIL418492019387	5941849387	16 Sep 2020	CA: 53743980/- PCA: 0/- Safety Zone: 0/- NPV: 0/- Other Charges1: 0/- Other Charges2: 0/- Other Charges3: 0/- Total: 53743980/-	Addl CA: 0/- CAT: 0/- Addl PA: 0/- Other Charges: 0/-			Paid	Fund Demand Verified by Nodal Officer On Bank Name Mode of Payment Challan Generated On Transaction Date :04 Nov 2020 :Corporation Bank :NEFT/RTGS (Challan) :05 Nov 2020 :12 Nov 2020	Demand Letter Generated Challan



कार्यालय कलेक्टर भू-अभिलेख शाखा रायगढ़ (छ.ग.)

क्रमांक / 455 / स.अ.भू.अ. / 2020
प्रति,

रायगढ़ दिनांक 31/3 / 2020

वनमण्डलाधिकारी
वनमण्डल धरमजयगढ़
जिला-रायगढ़ (छ.ग.)

- विषय:- विशेष रेल परियोजना खरसिया से धरमजयगढ़ (104 कि०मी०) रेल लाईन अंतर्गत प्रस्तावित दुर्गापुर फीडर रेल लाईन मार्ग में प्रभावित वन भूमि के व्यपवर्तन हेतु आदिम जाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत वन अधिकार प्रभावित न होने/स्थापित होने का प्रमाण पत्र फार्म-1 एवं प्रदर्श-“स” प्रदाय करने के संबंध में।
- संदर्भ:- मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल/सी.इ.डब्ल्यू.आर.एल.सी.एस.आई.डी.सी.भवन महादेव घाट रोड रायपुर का पत्र क्रमांक सीईआरएल/19-20/82 दिनांक 06.02.2020।

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विषयांतर्गत संदर्भित पत्र का कृपया अवलोकन करने का कष्ट करें। प्राप्त पत्र में मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल/सी.इ.डब्ल्यू.आर.एल.सी.एस.आई.डी.सी.भवन महादेव घाट रोड रायपुर द्वारा ग्राम रूपुंगा एवं बायसी तहसील धरमजयगढ़ में विशेष रेल परियोजना खरसिया से धरमजयगढ़ (104 कि.मी.) रेल लाईन अंतर्गत दुर्गापुर फीडर रेल लाईन निर्माण कार्य हेतु रायगढ़ जिले अनुविभाग धरमजयगढ़ के अंतर्गत ग्राम रूपुंगा स्थित भूमि खसरा नं० 435/1 कुल रकबा 22.663 में से रकबा 1.984 हे० म० बड़े छाड़ का जंगल एवं ग्राम बायसी स्थित भूमि खसरा नं० क्रमशः 80/1क/1,154/1,300/1क,528/1 कुल रकबा क्रमशः 198.085,24.366,139.284,35.976 हे० म० बड़े छाड़ के जंगल में से रकबा क्रमशः 0.661,1.471,7.171,3.741 हे० भूमि व खसरा नं० क्रमशः 166/1,166/4,178,229 कुल रकबा क्रमशः 0.688,0.090,0.049,0.696 हे० म० छोटे छाड़ के जंगल में से रकबा क्रमशः 0.280,0.080,0.047,0.405 हे० भूमि एवं खसरा नं० 241/1क& 460/1 कुल रकबा 67.704 हे० में से 1.694 हे० म० छोटे बड़े छाड़ जंगल भूमि कुल रकबा 17.507 हे० वन भूमि को वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव के लिये वन अधिकार अधिनियम 2006 के तहत निर्धारित प्रारूप प्रदर्श-“स” एवं लिनियर प्रकरण हेतु फार्म-1 में जानकारी चाही गई है। उक्त संबंध में अनुविभागीय अधिकारी (रा०) धरमजयगढ़ द्वारा उपखण्ड स्तरीय वन अधिकार समिति की अनुशंसा की गई है।

अतः उपरोक्तानुसार अनुविभागीय अधिकारी (रा०) धरमजयगढ़ से प्राप्त जानकारी के आधार पर छत्तीसगढ़ ईस्ट रेलवे लिमिटेड के अंतर्गत विशेष रेल परियोजना खरसिया से धरमजयगढ़ 104 कि.मी. दुर्गापुर फीडर रेल लाईन मार्ग निर्माण हेतु प्रभावित रकबा 17.507 हे० वनभूमि के लिये प्रदर्श ‘स’ तथा लिनियर प्रकरण हेतु प्रारूप फार्म-1 में जानकारी तैयार कर आपकी ओर ओर भेजी जा रही है।

संलग्न:-उपरोक्तानुसार

कलेक्टर
रायगढ़ (छ.ग.)

पृ. क्रमांक / 455A / स.अ.भू.अ. / 2020
प्रतिलिपि:-

रायगढ़, दिनांक 31/3 / 2020

1. अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध/व.स.अ.) अरण्य भवन मेडिकल कॉलेज रोड रायपुर को सादर सूचनार्थ ।
2. मेसर्स मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल./सी.ई.डब्ल्यू.आर.एल.सी.एस.आई.डी.सी. भवन महादेव घाट रायपुर को सूचनार्थ ।

कलेक्टर
रायगढ़ (छ.ग.)



कार्यालय कलेक्टर भू-अभिलेख शाखा रायगढ़ (छ.ग.)

प्रदर्श 'स'

प्रमाण पत्र

विशेष रेल परियोजना खरसिया से धरमजयगढ़, घरघोड़ा से डोंगामौहा की लाईन सहित (104 कि.मी.) दुर्गापुर फीडर रेल लाईन जिला रायगढ़ तहसील धरमजयगढ़ वन मंडल अंतर्गत ग्राम बायसी एवं रूपुंगा के कुल वन भूमिXXX... हे. एवं राजस्व वन भूमि कुल रकबा 17.507 हे. भूमि के प्रकरण में व्यपवर्तन हेतु अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 का पालन प्रतिवेदन :-

1- प्रमाणित किया जाता है कि अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 में नियत सम्पूर्ण प्रक्रिया का पालन कर अधिकारों को स्थापित किया गया है, तथा संपूर्ण प्रस्तावित क्षेत्र की वन भूमिXXX... हे. एवं राजस्व वन भूमि 17.507 हे. जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम बायसी एवं रूपुंगा तहसील धरमजयगढ़ में स्थित है। तदनुसार यह कार्यवाही पूर्ण की गई है।

सहायक महानिरीक्षक वन भारत सरकार का पत्र क्रमांक/11-9/98-एफ.सी.(पी.टी.) वन एवं पर्यावरण मंत्रालय नई दिल्ली दिनांक 05.02.2013 के द्वारा जहां विलुप्तप्राय जनजाति समूह (पी.टी.जी.) एवं कृषि पूर्ण समुदायों के मान्यता अधिकार शामिल न हो वहां सड़क निर्माण, नहरों, पाईप लाईन, आर्टिकल फाइबर बिछाव एवं संचरण लाईनों जैसी परियोजनाओं का गमन (रैखिक व्यपवर्तन) के लिये ग्राम सभा की सहमति की आवश्यकता से छूट दी गई है।

2- यह प्रमाणित किया जाता है कि (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन भूमि पर निवासरत नहीं है। जिनका वन अधिकार "अनुसूचित जनजाति एवं अन्य परंपरागत" वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(1)(E) अंतर्गत विशेष रूप से संरक्षित रखना है।

अथवा

प्रस्तावित वन क्षेत्र में प्रदत्त वन अधिकार मान्यता पत्र धारकों की ग्रामवार विवरण निम्नानुसार है

क्रमांक	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	रकबा (हे. में)
1	बायसी	दीनदयाल पिता मंडल सिंह कंवर	0.240
2	बायसी	आन्नद सिंह पिता गाड़ाराय	0.500
3	बायसी	इंजोर पिता मानसिंह	0.320
4	बायसी	बनसराम पिता गाड़ाराय	0.408
5	बायसी	घसिया राम पिता गाड़ाराय	0.320
6	बायसी	कांशीराम पिता गाड़ाराय	0.480
7	बायसी	परशुराम पिता अनंतराम	0.275
8	बायसी	सुरेश पिता बालक राम	0.756
9	बायसी	कनसराम पिता गाड़ाराय	0.720

- 3— यह प्रमाणित किया जाता है कि संयुक्त सत्यापन प्रतिवेदन ऐसे विलुप्तप्राय जनजाति समूह (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन वन भूमि पर निवासरत नहीं है जिनका वन अधिकार अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(1)(e) अन्तर्गत विशेष रूप से संरक्षित रखना है।
- 4— संयुक्त सत्यापन प्रतिवेदन के संकल्पों के आधार पर यह प्रमाणित किया जाता है कि व्यपवर्तन के लिए प्रस्तावित वन भूमि पर अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी(वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(2) अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संलग्न:— उपरोक्तानुसार ।

कलेक्टर
एवं

अध्यक्ष—जिला वन अधिकार समिति
जिला—रायगढ़(छ.ग.)

FORM-1

(for linear project)

Government of Chhattisgarh
Office of the District Collector Raigarh

No

Date 31-3-2020**TO WHOWSOEVER IT MAY CONCERN**

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt) dated 3rd August 2009 where in the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **17.507 hectares** forest land proposed to be diverted in favour of **Chhattisgarh East Railway Limited** (Name of User Agency) CSIDC Comercial Complex, Mahadev Ghat Road Raipura Chowk Raipur for Special Rail Project Kharsia to Dharamjaigarh and Gharghoda to Dongamahua line (104 km) **Durgapur feeder Rail line** (purpose for Diversion of forest land) in Raigarh District falls within Jurisdiction of Baysi and Rupunga Villages in Dharamjaigarh Tehsil. It is further certified that:-

- (d) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **17.507 hectares** of Revenue forest land,XXX... hectares of forest land in total **17.507 hectares** forest land proposed for diversion. A copy of records of all consultations and meeting of the Forest Rights Committee (s), Gram Sabha (s), Sub-Division Level Committee (s) and the District Level Committee are enclosed as annexure.....to.....
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram sabhas have given their consent to it;
- (f) The proposal does not involve recognised rights of primitive Tribal Groups and Pre-agricultural communities.

(Yashwant kumar)
District Collector
Raigarh



कार्यालय कलेक्टर भू-अभिलेख शाखा रायगढ़ (छ.ग.)

क्रमांक/ 456 /स.अ.भू.अ./ 2020
प्रति,

रायगढ़ दिनांक 34 13 / 2020

वनमण्डलाधिकारी
वनमण्डल धरमजयगढ़
जिला-रायगढ़ (छ0ग0)

विषय:- विशेष रेल परियोजना खरसिया से धरमजयगढ़ (104 कि0मी0) रेल लाईन अंतर्गत प्रस्तावित छाल फीडर रेल लाईन मार्ग में प्रभावित वन भूमि के व्यपवर्तन हेतु आदिम जाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत वन अधिकार प्रभावित न होने/स्थापित होने का प्रमाण पत्र फार्म-1 एवं प्रदर्श- "स" प्रदाय करने के संबंध में ।

संदर्भ:- मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल/सी.इ.डब्लु.आर.एल.सी.एस.आई.डी.सी.भवन महादेव घाट रोड रायपुर का पत्र क्रमांक सीईआरएल/19-20/85 दिनांक 06.02.2020 ।

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विषयांतर्गत संदर्भित पत्र का कृपया अवलोकन करने का कष्ट करें। प्राप्त पत्र में मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल/सी.इ.डब्लु.आर.एल.सी.एस.आई.डी.सी.भवन महादेव घाट रोड रायपुर द्वारा ग्राम चीतापाली एवं पुसल्दा तहसील धरमजयगढ़ में विशेष रेल परियोजना खरसिया से धरमजयगढ़ (104 कि.मी.) रेल लाईन अंतर्गत छाल फीडर रेल लाईन निर्माण कार्य हेतु रायगढ़ जिले अनुविभाग धरमजयगढ़ के अंतर्गत ग्राम चीतापाली स्थित भूमि खसरा नं0 139/1,155/1,23/1,39 कुल रकबा क्रमशः 7.583,0.158,0.745,0.259 में से रकबा क्रमशः 0.729,0.158,0.036,0.060 हे0 मद छोटे छाड़ का जंगल एवं ग्राम पुसल्दा स्थित भूमि खसरा नं0 475/1,58/1 कुल रकबा क्रमशः 5.261,8.268 हे0 मद छोटे छाड़ के जंगल में से रकबा क्रमशः 2.007,0.016 हे0 भूमि व खसरा नं0 क्रमशः 481/1क, 484/1,486/1,457/1,451/1क,55,53/1 कुल रकबा क्रमशः 22.407,1.821,2.120,1.619,0.749,16.916,26.620 हे0 में से रकबा क्रमशः 0.713,1.011,1.022,1.315,0.064,0.238,2.991 हे0 मद बड़े छाड़ के जंगल एवं अरक्षित वन कक्ष क्र0 आर एफ 477 रकबा 6.592 हे0 कुल रकबा 16.952 हे0 वन भूमि को वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव के लिये वन अधिकार अधिनियम 2006 के तहत निर्धारित प्रारूप प्रदर्श- "स" एवं लिनियर प्रकरण हेतु फार्म-1 में जानकारी चाही गई है। उक्त संबंध में अनुविभागीय अधिकारी (रा0) धरमजयगढ़ द्वारा उपखण्ड स्तरीय वन अधिकार समिति की अनुशंसा की गई है।

अतः उपरोक्तानुसार अनुविभागीय अधिकारी (रा.) धरमजयगढ़ से प्राप्त जानकारी के आधार पर छत्तीसगढ़ ईस्ट रेलवे लिमिटेड के अंतर्गत विशेष रेल परियोजना खरसिया से धरमजयगढ़ 104 कि.मी. छाल फीडर रेल लाईन मार्ग निर्माण हेतु प्रभावित रकबा 16.952 हे. वनभूमि के लिये प्रदर्श 'स' तथा लिनियर प्रकरण हेतु प्रारूप फार्म-1 में जानकारी तैयार कर आपकी ओर भेजी जा रही है।

संलग्न:-उपरोक्तानुसार

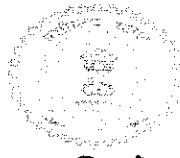
कलेक्टर
रायगढ़ (छ.ग.)

पू. क्रमांक/ 456A /स.अ.भू.अ./2020
प्रतिलिपि:-

रायगढ़, दिनांक 21 / 03 / 2020

1. अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध/व.स.अ.) अरण्य भवन मेडिकल कॉलेज रोड रायपुर को सादर सूचनार्थ ।
2. मेसर्स मुख्य कार्यपरिचालन अधिकारी सी.ई.आर.एल./सी.ई.डब्लू.आर.एल.सी.एस.आई.डी.सी. भवन महादेव घाट रायपुर को सूचनार्थ ।


कलेक्टर
रायगढ़ (छ.ग.)



कार्यालय कलेक्टर भू-अभिलेख शाखा रायगढ़ (छ.ग.)

प्रदर्श 'स'

प्रमाण पत्र

विशेष रेल परियोजना खरसिया से धरमजयगढ़, घरघोड़ा से डोंगामौहा की रेल लाईन सहित (104 कि.मी.) छाल फीडर रेल लाईन जिला रायगढ़ तहसील धरमजयगढ़ वन मंडल अंतर्गत ग्राम चीतापाली एवं पुसल्दा के कुल वन भूमि 6.592 हे. एवं राजस्व वन भूमि कुल रकबा 10.360 हे. कुल रकबा 16.952 हे. भूमि के प्रकरण में व्यपवर्तन हेतु अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 का पालन प्रतिवेदन :-

1- प्रमाणित किया जाता है कि अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 में नियत सम्पूर्ण प्रक्रिया का पालन कर अधिकारों को स्थापित किया गया है, तथा संपूर्ण प्रस्तावित क्षेत्र की वन भूमि 6.592 हे. एवं राजस्व वन भूमि 10.360 हे. कुल रकबा 16.952 हे. जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम चीतापाली एवं पुसल्दा तहसील धरमजयगढ़ में स्थित है। तदनुसार यह कार्यवाही पूर्ण की गई है।

सहायक महानिरीक्षक वन भारत सरकार का पत्र क्रमांक/11-9/98-एफ.सी.(पी.टी.) वन एवं पर्यावरण मंत्रालय नई दिल्ली दिनांक 05.02.2013 के द्वारा जहां विलुप्तप्राय जनजाति समूह (पी.टी.जी.) एवं कृषि पूर्ण समुदायों के मान्यता अधिकार शामिल न हो वहां सड़क निर्माण, नहरों, पाईप लाईन, आर्टिकल फाइवर बिछाव एवं संचरण लाईनों जैसी परियोजनाओं का गमन (रैखिक व्यपवर्तन) के लिये ग्राम सभा की सहमति की आवश्यकता से छूट दी गई है।

2- यह प्रमाणित किया जाता है कि (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन भूमि पर निवासरत नहीं है। जिनका वन अधिकार "अनुसूचित जनजाति एवं अन्य परंपरागत" वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(1)(E) अंतर्गत विशेष रूप से संरक्षित रखना है।

अथवा

प्रस्तावित वन क्षेत्र में प्रदत्त वन अधिकार मान्यता पत्र धारकों की ग्रामवार विवरण निम्नानुसार है

क्रमांक	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	रकबा (हे. में)
1	चीतापाली	निरंक	निरंक
2	पुसल्दा	निरंक	निरंक

3- यह प्रमाणित किया जाता है कि संयुक्त सत्यापन प्रतिवेदन ऐसे विलुप्तप्राय जनजाति समूह (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन वन भूमि पर निवासरत नहीं है जिनका वन अधिकार अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(1)(e) अन्तर्गत विशेष रूप से संरक्षित रखना है।

- 4- सयुक्त सत्यापन प्रतिवेदन के संकल्पों के आधार पर यह प्रमाणित किया जाता है कि व्यपवर्तन के लिए प्रस्तावित वन भूमि पर अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी(वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(2) अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संलग्न:- उपरोक्तानुसार ।

कलेक्टर

एवं

अध्यक्ष-जिला वन अधिकार समिति

जिला-रायगढ़(छ.ग.)

FORM-1

(for linear project)

Government of Chhattisgarh

Office of the District Collector Raigarh

No

Date 31-3-2020**TO WHOWSOEVER IT MAY CONCERN**

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt) dated 3rd August 2009 where in the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **16.952 Hact.** forest land proposed to be diverted in favour of **Chhattisgarh East Railway Limited** (Name of User Agency) CSIDC Comercial Complex, Mahadev Ghat Road Raipura Chowk Raipur for Special Rail Project Kharsia to Dharamjaigarh and Gharghoda to Dongamahua line (104 km) **Chhal feeder Rail line** (purpose for Diversion of forest land) in Raigarh District falls within Jurisdiction of Chitapali and Pusalda Villages in Dharamjaigarh Tehsil. It is further certified that:-

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **10.360** hectares of Revenue forest land, **6.592** hectares of forest land in total **16.952** hectares forest land proposed for diversion. A copy of records of all consultations and meeting of the Forest Rights Committee (s), Gram Sabha (s), Sub-Division Level Committee (s) and the District Level Committee are enclosed as annexure.....to.....
- (b) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram sabhas have given their consent to it;
- (c) The proposal does not involve recognised rights of primitive Tribal Groups and Pre-agricultural communities.

(Yashwant kumar)
District Collector
Raigarh



कार्यालय कलेक्टर(भू-अभिलेख शाखा) जिला-रायगढ़ (छ.ग.)

क्रमांक / 1626
प्रति,

/स.अ.भू.अ./ 2019

रायगढ़ दिनांक 24/12/2019

अपर प्रधान मुख्य वन संरक्षक
(भू-प्रबंध/व.स.अ.)

अरण्य भवन मेडिकल कालेज रोड
रायपुर (छ.ग.)

विषय:-

विशेष रेल परियोजना खरसिया से धरमजयगढ़ (104 कि.मी.) रेल लाइन अंतर्गत प्रस्तावित बरौद फीडर लाइन मार्ग में प्रभावित वन भूमि के व्यपवर्तन हेतु आदिम जाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत वन अधिकार प्रभावित न होने/स्थापित होने का प्रमाण पत्र फार्म-1 एवं प्रदर्श 'स' प्रदाय करने के संबंध में।

संदर्भ:-

छत्तीसगढ़ ईस्ट रेल्वे लिमिटेड का पत्र क्रमांक CERL/19-20/367 दिनांक 13.09.2019।

—00—

विषयांतर्गत संदर्भित पत्र का कृपया अवलोकन करने का कष्ट करें। मेसर्स मुख्य कार्यपालन अधिकारी सी. ई.आर.एल/सी.ई.डब्लू.आर.एल.सी. एस.आई.डी.सी.भवन महादेव घाट रायपुर द्वारा ग्राम फगुरम, कारीछापर तहसील घरघोड़ा में विशेष रेल परियोजना खरसिया से धरमजयगढ़ 104 कि.मी. रेल लाइन अंतर्गत बरौद फीडर लाइन निर्माण कार्य हेतु रायगढ़ जिले के अनुविभाग खरसिया से धरमजयगढ़ अंतर्गत ग्राम फगुरम स्थित भूमि खसरा न. 670/1क से प्रभावित रकबा 2.395 हे. एवं ग्राम कारीछापर स्थित भूमि ख.नं. 69/1 से प्रभावित रकबा 0.089 इस प्रकार कुल प्रभावित रकबा 2.484 हे. गैर खाते की भूमि को वन संरक्षण अधिनियम 1960 के अंतर्गत गैर वानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव के लिये वन अधिकार अधिनियम 2006 के तहत निर्धारित प्रारूप प्रदर्श 'स' एवं लिनियर प्रकरण हेतु फार्म-1 में जानकारी चाही गई है। उक्त संबंध में अनुविभागीय अधिकारी (रा.) घरघोड़ा द्वारा उपखण्ड स्तरीय वन अधिकार समिती की अनुशंसा की गई है।

अतः उपरोक्तानुसार अनुविभागीय अधिकारी (रा.) घरघोड़ा से प्राप्त जानकारी के आधार पर छत्तीसगढ़ ईस्ट रेल्वे लिमिटेड के अंतर्गत विशेष रेल परियोजना खरसिया से धरमजयगढ़ 104 कि.मी. बरौद फीडर लाइन/साईडिंग के मार्ग निर्माण हेतु प्रस्तावित रकबा 2.484 हे. भूमि के लिये प्रदर्श 'स' तथा लिनियर प्रकरण हेतु प्रारूप फार्म-1 में जानकारी तैयार कर आपकी ओर सादर सम्प्रेषित है।

संलग्न:- उपरोक्तानुसार।

पृ. क्रमांक / 1626 A
प्रतिलिपि:-

/स.अ.भू.अ./ 2019

रायगढ़ दिनांक 24/12/2019

कलेक्टर

रायगढ़ (छ.ग.)

- वन मंडलाधिकारी वन मंडल रायगढ़ को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
- मेसर्स मुख्य कार्यपालन अधिकारी सी. ई.आर.एल/सी.ई.डब्लू.आर.एल.सी. एस.आई.डी.सी. भवन महादेव घाट रायपुर को सूचनार्थ।

कलेक्टर

रायगढ़ (छ.ग.)

FORM-1
(for linear project)
Government of Chhattisgarh
Office of the District Collector Raigarh

No

Date 28.12.19**TO WHOWSOEVER IT MAY CONCERN**

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt) dated 3rd August 2009 where in the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th Fe

bruary 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that (m.g.r. railway line) of forest land **Two kh.no.in 670/1KA and 69/1 in 2.484 Hectares (total area)** Revenue forest land proposed to be diverted in favour of **Chief Executive officer C.E.R.L/C.I.W.R.L.C.S.I.D.C. Mhadevghat Bhawan** Raipur for the work of construction of Borod feeder line under special rail project kharsia to Dharamjaigarh 104 km railway line in village Faguram, Tehsil Gharghoda for forest and land diversion of Faguram, given application to Divisional level Van Adikar committee.

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **670/1 KA and 69/1 in 2.484** hectares of forest area proposed for diversion. A copy of records of all consultations and meeting of the Forest Rights Committee (s), Gram Sabha (s), Sub-Division Level Committee (s) and the District Level Committee are enclosed.
- (b) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram sabhas have given their consent to it;
- (c) The proposal does not involve recognised rights of primitive Tribal Groups and Pre-agricultural communities.

Encl: As above

(Yashwant kumar)
District Collector Raigarh



कार्यालय कलेक्टर भू-अभिलेख शाखा रायगढ़ (छ.ग.)

प्रदर्श 'स'

प्रमाण पत्र

मेसर्स मुख्य कार्यपालन अधिकारी सी.ई.आर.एल./सी.ई.डब्ल्यू.आर.एल.सी. एस.आई.डी.सी. भवन महादेवघाट भवन रायपुर द्वारा ग्राम फगुरम, कारीछापर तहसील घरघोड़ा में विशेष रेल परियोजना खरसिया से धरमजयगढ़ 104 कि.मी. रेल लाईन अंतर्गत बरौद फीडर लाईन निर्माण कार्य हेतु रायगढ़ जिला वनमंडल के अंतर्गत फगुरम, कारीछापर तहसील घरघोड़ा गांव के वन एवं भूमि व्यपवर्तन हेतु कुल रकबा 2.484 हे. राजस्व वन भूमि के प्रकरण में अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 का पालन प्रतिवेदन :-

- 1- प्रमाणित किया जाता है कि अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 में नियत सम्पूर्ण प्रक्रिया का पालन कर अधिकारों को स्थापित किया गया है, तथा संपूर्ण प्रस्तावित क्षेत्र की वन भूमि 0.00 हे. एवं /राजस्व वन भूमि 2.484 हे. जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम फगुरम, कारीछापर तहसील घरघोड़ा में स्थित है। तदनुसार यह कार्यवाही पूर्ण की गई है।

सहायक महानिरीक्षक वन भारत सरकार का पत्र क्रमांक/11-9/98-एफ.सी. (पी.टी.) वन एवं पर्यावरण मंत्रालय नई दिल्ली दिनांक 05.02.2013 के द्वारा जहां विलुप्तप्राय जनजाति समूह (पी.टी.सी.) एवं कृषि पूर्ण समुदायों के मान्यता अधिकार शामिल न हो वहां सड़क निर्माण, नहरों, पाईप लाईन, आर्टिकल फाइवर बिछाव एवं संचरण लाईनों जैसी परियोजनाओं का गमन (रैखिक व्यपवर्तन) के लिये ग्राम सभा की सहमति की आवश्यकता से छूट दी गई है।

- 2 यह प्रमाणित किया जाता है कि (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन भूमि पर निवासरत नहीं है। जिनका वन अधिकार "अनुसूचित जनजाति एवं अन्य परंपरागत" वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (1) (E) अंतर्गत विशेष रूप से संरक्षित रखना है।

अथवा

प्रस्तावित वन क्षेत्र में प्रदत्त वन अधिकार मान्यता पत्र धारकों की संख्या निम्नानुसार है :-

क्र	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	ग्राम का रकबा (हे.में.)
1	2	3	4
1	फगुरम	निरंक	निरंक
2	कारीछापर	निरंक	निरंक

3. यह प्रमाणित किया जाता है कि संयुक्त सत्यापन प्रतिवेदन ऐसे विलुप्तप्राय जनजाति समूह (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन वन भूमि पर निवासरत नहीं है जिनका वन अधिकार अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(1) (e) अन्तर्गत विशेष रूप से संरक्षित रखना है।

4. संयुक्त सत्यापन प्रतिवेदन के संकल्पों के आधार पर यह प्रमाणित किया जाता है कि व्यपवर्तन के लिए प्रस्तावित वन भूमि पर अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3(2) अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संलग्न :- उपरोक्तानुसार ।


कलेक्टर
एवं

अध्यक्ष— जिला वन अधिकार समिति
जिला—रायगढ़ (छ.ग.)

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

Mahadev Ghat Road, Raipura Chowk,

Raipur-492 013 (C.G)

CIN: U45203CT2013GOI000729

email: cerlcewrl@gmail.com

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Annexure - 6

UNDERTAKING

MoEF&CC condition No. (viii). Speed regulating signage will be erected along the road at regular intervals in the Protected Areas/ Forest Areas.

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

(Published in the Gazette of India, Extraordinary, Part-II, and Section 3, Sub-section (ii)
MINISTRY OF ENVIRONMENT AND FORESTS

New Delhi 14th September, 2006

Notification

S.O. 1533 Whereas, a draft notification under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986 for imposing certain restrictions and prohibitions on new projects or activities, or on the expansion or modernization of existing projects or activities based on their potential environmental impacts as indicated in the Schedule to the notification, being undertaken in any part of India¹, unless prior environmental clearance has been accorded in accordance with the objectives of National Environment Policy as approved by the Union Cabinet on 18th May, 2006 and the procedure specified in the notification, by the Central Government or the State or Union territory Level Environment Impact Assessment Authority (SEIAA), to be constituted by the Central Government in consultation with the State Government or the Union territory Administration concerned under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 for the purpose of this notification, was published in the Gazette of India, Extraordinary, Part II, section 3, sub-section (ii) vide number S.O. 1324 (E) dated the 15th September, 2005 inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from the date on which copies of Gazette containing the said notification were made available to the public;

And whereas, copies of the said notification were made available to the public on 15th September, 2005;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986, read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 and in supersession of the notification number S.O. 60 (E) dated the 27th January, 1994, except in respect of things done or omitted to be done before such supersession, the Central Government hereby directs that on and from the date of its publication the required construction of new projects or activities or the expansion or modernization of existing projects or activities listed in the Schedule to this notification entailing capacity addition with change in process and or technology shall be undertaken in any part of India only after the prior environmental clearance from the Central Government or as the case may be, by the State Level Environment Impact Assessment Authority, duly constituted by the Central Government under sub-section (3) of section 3 of the said Act, in accordance with the procedure specified hereinafter in this notification.

¹Includes the territorial waters

1
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Raipur (C.G.)

2. Requirements of prior Environmental Clearance (EC):- The following projects or activities shall require prior environmental clearance from the concerned regulatory authority, which shall hereinafter referred to be as the Central Government in the Ministry of Environment and Forests for matters falling under Category 'A' in the Schedule and at State level the State Environment Impact Assessment Authority (SEIAA) for matters falling under Category 'B' in the said Schedule, before any construction work, or preparation of land by the project management except for securing the land, is started on the project or activity:

- (i) All new projects or activities listed in the Schedule to this notification;
- (ii) Expansion and modernization of existing projects or activities listed in the Schedule to this notification with addition of capacity beyond the limits specified for the concerned sector, that is, projects or activities which cross the threshold limits given in the Schedule, after expansion or modernization;
- (iii) Any change in product - mix in an existing manufacturing unit included in Schedule beyond the specified range.

3. State Level Environment Impact Assessment Authority:- (1) A State Level Environment Impact Assessment Authority hereinafter referred to as the SEIAA shall be constituted by the Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 comprising of three Members including a Chairman and a Member – Secretary to be nominated by the State Government or the Union territory Administration concerned.

- (2) The Member-Secretary shall be a serving officer of the concerned State Government or Union territory administration familiar with environmental laws.
- (3) The other two Members shall be either a professional or expert fulfilling the eligibility criteria given in Appendix VI to this notification.
- (4) One of the specified Members in sub-paragraph (3) above who is an expert in the Environmental Impact Assessment process shall be the Chairman of the SEIAA.
- (5) The State Government or Union territory Administration shall forward the names of the Members and the Chairman referred in sub- paragraph 3 to 4 above to the Central Government and the Central Government shall constitute the SEIAA as an authority for the purposes of this notification within thirty days of the date of receipt of the names.
- (6) The non-official Member and the Chairman shall have a fixed term of three years (from the date of the publication of the notification by the Central Government constituting the authority).
- (7) All decisions of the SEIAA shall be unanimous and taken in a meeting.

4. Categorization of projects and activities:-

- (i) All projects and activities are broadly categorized in to two categories - Category A and Category B, based on the spatial extent of potential impacts and potential impacts on human health and natural and man made resources.

(ii) All projects or activities included as Category 'A' in the Schedule, including expansion and modernization of existing projects or activities and change in product mix, shall require prior environmental clearance from the Central Government in the Ministry of Environment and Forests (MoEF) on the recommendations of an Expert Appraisal Committee (EAC) to be constituted by the Central Government for the purposes of this notification;

(iii) All projects or activities included as Category 'B' in the Schedule, including expansion and modernization of existing projects or activities as specified in sub paragraph (ii) of paragraph 2, or change in product mix as specified in sub paragraph (iii) of paragraph 2, but excluding those which fulfill the General Conditions (GC) stipulated in the Schedule, *will* require prior environmental clearance from the State/Union territory Environment Impact Assessment Authority (SEIAA). The SEIAA shall base its decision on the recommendations of a State or Union territory level Expert Appraisal Committee (SEAC) as to be constituted for in this notification. In the absence of a duly constituted SEIAA or SEAC, a Category 'B' project shall be treated as a Category 'A' project;

5. Screening, Scoping and Appraisal Committees:-

The same Expert Appraisal Committees (EACs) at the Central Government and SEACs (hereinafter referred to as the (EAC) and (SEAC) at the State or the Union territory level shall screen, scope and appraise projects or activities in Category 'A' and Category 'B' respectively. EAC and SEAC's shall meet at least once every month.

(a) The composition of the EAC shall be as given in Appendix VI. The SEAC at the State or the Union territory level shall be constituted by the Central Government in consultation with the concerned State Government or the Union territory Administration with identical composition;

(b) The Central Government may, with the prior concurrence of the concerned State Governments or the Union territory Administrations, constitutes one SEAC for more than one State or Union territory for reasons of administrative convenience and cost;

(c) The EAC and SEAC shall be reconstituted after every three years;

(d) The authorised members of the EAC and SEAC, concerned, may inspect any site(s) connected with the project or activity in respect of which the prior environmental clearance is sought, for the purposes of screening or scoping or appraisal, with prior notice of at least seven days to the applicant, who shall provide necessary facilities for the inspection;

(e) The EAC and SEACs shall function on the principle of collective responsibility. The Chairperson shall endeavour to reach a consensus in each case, and if consensus cannot be reached, the view of the majority shall prevail.

6. Application for Prior Environmental Clearance (EC):-

An application seeking prior environmental clearance in all cases shall be made in the prescribed Form 1 annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II, after the identification of prospective site(s) for the project and/or activities to which the application relates, before commencing any construction activity, or preparation of land, at the site by the applicant. The applicant shall furnish, along with the application, a copy of the pre-feasibility project report except that, in case of construction projects or activities (item 8 of the Schedule) in addition to Form 1 and the Supplementary Form 1A, a copy of the conceptual plan shall be provided, instead of the pre-feasibility report.

7. Stages in the Prior Environmental Clearance (EC) Process for New Projects:-

7(i) The environmental clearance process for new projects will comprise of a maximum of four stages, all of which may not apply to particular cases as set forth below in this notification. These four stages in sequential order are:-

- Stage (1) Screening (Only for Category 'B' projects and activities)
- Stage (2) Scoping
- Stage (3) Public Consultation
- Stage (4) Appraisal

I. Stage (1) - Screening:

In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior environmental clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of environmental clearance depending up on the nature and location specificity of the project. The projects requiring an Environmental Impact Assessment report shall be termed Category 'B1' and remaining projects shall be termed Category 'B2' and will not require an Environment Impact Assessment report. For categorization of projects into B1 or B2 except item 8 (b), the Ministry of Environment and Forests shall issue appropriate guidelines from time to time.

II. Stage (2) - Scoping:

(i) "Scoping": refers to the process by which the Expert Appraisal Committee in the case of Category 'A' projects or activities, and State level Expert Appraisal Committee in the case of Category 'B1' projects or activities, including applications for expansion and/or modernization and/or change in product mix of existing projects or activities, determine detailed and comprehensive Terms Of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA) Report in respect of the project or activity for which prior environmental clearance is sought. The Expert Appraisal Committee or State level Expert Appraisal Committee concerned shall determine the Terms of Reference on the basis of the information furnished in the prescribed application Form 1/Form 1A including Terms of Reference proposed by the applicant, a site visit by a sub- group of Expert Appraisal Committee or State level Expert Appraisal Committee concerned only if considered necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, Terms of Reference suggested by the applicant if furnished and other information that may be available with the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. All projects and activities listed as Category 'B' in Item 8 of the Schedule (Construction/Township/Commercial Complexes /Housing) shall not require Scoping and will be appraised on the basis of Form 1/ Form 1A and the conceptual plan.

(ii) The Terms of Reference (TOR) shall be conveyed to the applicant by the Expert Appraisal Committee or State Level Expert Appraisal Committee as concerned within sixty days of the receipt of Form 1. In the case of Category A Hydroelectric projects Item 1(c) (i) of the Schedule the Terms of Reference shall be conveyed along with the clearance for pre-construction activities. If the Terms of Reference are not finalized and conveyed to the applicant within sixty days of the receipt of Form 1, the Terms of Reference suggested by the applicant shall be deemed as the final Terms of Reference approved for the EIA studies. The approved Terms of



Reference shall be displayed on the website of the Ministry of Environment and Forests and the concerned State Level Environment Impact Assessment Authority.

(iii) Applications for prior environmental clearance may be rejected by the regulatory authority concerned on the recommendation of the EAC or SEAC concerned at this stage itself. In case of such rejection, the decision together with reasons for the same shall be communicated to the applicant in writing within sixty days of the receipt of the application.

III. Stage (3) - Public Consultation:

(i) "Public Consultation" refers to the process by which the concerns of local affected persons and others who have plausible stake in the environmental impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. All Category 'A' and Category B1 projects or activities shall undertake Public Consultation, except the following:-

- (a) modernization of irrigation projects (item 1(c) (ii) of the Schedule).
- (b) all projects or activities located within industrial estates or parks (item 7(c) of the Schedule) approved by the concerned authorities, and which are not disallowed in such approvals.
- (c) expansion of Roads and Highways (item 7 (f) of the Schedule) which do not involve any further acquisition of land.
- (d) all Building /Construction projects/Area Development projects and Townships (item 8).
- (e) all Category 'B2' projects and activities.
- (f) all projects or activities concerning national defence and security or involving other strategic considerations as determined by the Central Government.

(ii) The Public Consultation shall ordinarily have two components comprising of:-

(a) a public hearing at the site or in its close proximity- district wise, to be carried out in the manner prescribed in Appendix IV, for ascertaining concerns of local affected persons;

(b) obtain responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity.

(iii) the public hearing at, or in close proximity to, the site(s) in all cases shall be conducted by the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) concerned in the specified manner and forward the proceedings to the regulatory authority concerned within 45(forty five) of a request to the effect from the applicant.

(iv) in case the State Pollution Control Board or the Union territory Pollution Control Committee concerned does not undertake and complete the public hearing within the specified period, and/or does not convey the proceedings of the public hearing within the prescribed period

directly to the regulatory authority concerned as above, the regulatory authority shall engage another public agency or authority which is not subordinate to the regulatory authority, to complete the process within a further period of forty five days,.

(v) If the public agency or authority nominated under the sub paragraph (iii) above reports to the regulatory authority concerned that owing to the local situation, it is not possible to conduct the public hearing in a manner which will enable the views of the concerned local persons to be freely expressed, it shall report the facts in detail to the concerned regulatory authority, which may, after due consideration of the report and other reliable information that it may have, decide that the public consultation in the case need not include the public hearing.

(vi) For obtaining responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity, the concerned regulatory authority and the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) shall invite responses from such concerned persons by placing on their website the Summary EIA report prepared in the format given in Appendix IIIA by the applicant along with a copy of the application in the prescribed form, within seven days of the receipt of a written request for arranging the public hearing. Confidential information including non-disclosable or legally privileged information involving Intellectual Property Right, source specified in the application shall not be placed on the web site. The regulatory authority concerned may also use other appropriate media for ensuring wide publicity about the project or activity. The regulatory authority shall, however, make available on a written request from any concerned person the Draft EIA report for inspection at a notified place during normal office hours till the date of the public hearing. All the responses received as part of this public consultation process shall be forwarded to the applicant through the quickest available means.

(vii) After completion of the public consultation, the applicant shall address all the material environmental concerns expressed during this process, and make appropriate changes in the draft EIA and EMP. The final EIA report, so prepared, shall be submitted by the applicant to the concerned regulatory authority for appraisal. The applicant may alternatively submit a supplementary report to draft EIA and EMP addressing all the concerns expressed during the public consultation.

IV. Stage (4) - Appraisal:

(i) Appraisal means the detailed scrutiny by the Expert Appraisal Committee or State Level Expert Appraisal Committee of the application and other documents like the Final EIA report, outcome of the public consultations including public hearing proceedings, submitted by the applicant to the regulatory authority concerned for grant of environmental clearance. This appraisal shall be made by Expert Appraisal Committee or State Level Expert Appraisal Committee concerned in a transparent manner in a proceeding to which the applicant shall be invited for furnishing necessary clarifications in person or through an authorized representative. On conclusion of this proceeding, the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall make categorical recommendations to the regulatory authority concerned either for grant of prior environmental clearance on stipulated terms and conditions, or rejection of the application for prior environmental clearance, together with reasons for the same.

(ii) The appraisal of all projects or activities which are not required to undergo public consultation, or submit an Environment Impact Assessment report, shall be carried out on the basis of the prescribed application Form 1 and Form 1A as applicable, any other relevant

validated information available and the site visit wherever the same is considered as necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.

(iii) The appraisal of an application shall be completed by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within sixty days of the receipt of the final Environment Impact Assessment report and other documents or the receipt of Form I and Form I A, where public consultation is not necessary and the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee shall be placed before the competent authority for a final decision within the next fifteen days. The prescribed procedure for appraisal is given in Appendix V ;

7(ii). Prior Environmental Clearance (EC) process for Expansion or Modernization or Change of product mix in existing projects:

All applications seeking prior environmental clearance for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance has been granted under this notification or with increase in either lease area or production capacity in the case of mining projects or for the modernization of an existing unit with increase in the total production capacity beyond the threshold limit prescribed in the Schedule to this notification through change in process and or technology or involving a change in the product –mix shall be made in Form I and they shall be considered by the concerned Expert Appraisal Committee or State Level Expert Appraisal Committee within sixty days, who will decide on the due diligence necessary including preparation of EIA and public consultations and the application shall be appraised accordingly for grant of environmental clearance.

8. Grant or Rejection of Prior Environmental Clearance (EC):

(i) The regulatory authority shall consider the recommendations of the EAC or SEAC concerned and convey its decision to the applicant within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned or in other words within one hundred and five days of the receipt of the final Environment Impact Assessment Report, and where Environment Impact Assessment is not required, within one hundred and five days of the receipt of the complete application with requisite documents, except as provided below.

(ii) The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observations of the regulatory authority and furnish its views on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days.

(iii) In the event that the decision of the regulatory authority is not communicated to the applicant within the period specified in sub-paragraphs (i) or (ii) above, as applicable, the

applicant may proceed as if the environment clearance sought for has been granted or denied by the regulatory authority in terms of the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.

(iv) On expiry of the period specified for decision by the regulatory authority under paragraph (i) and (ii) above, as applicable, the decision of the regulatory authority, and the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be public documents.

(v) Clearances from other regulatory bodies or authorities shall not be required prior to receipt of applications for prior environmental clearance of projects or activities, or screening, or scoping, or appraisal, or decision by the regulatory authority concerned, unless any of these is sequentially dependent on such clearance either due to a requirement of law, or for necessary technical reasons.

(vi) Deliberate concealment and/or submission of false or misleading information or data which is material to screening or scoping or appraisal or decision on the application shall make the application liable for rejection, and cancellation of prior environmental clearance granted on that basis. Rejection of an application or cancellation of a prior environmental clearance already granted, on such ground, shall be decided by the regulatory authority, after giving a personal hearing to the applicant, and following the principles of natural justice.

9. Validity of Environmental Clearance (EC):

The "Validity of Environmental Clearance" is meant the period from which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub paragraph (iv) of paragraph 7 above, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects (item 1(c) of the Schedule), project life as estimated by Expert Appraisal Committee or State Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and five years in the case of all other projects and activities. However, in the case of Area Development projects and Townships [item 8(b)], the validity period shall be limited only to such activities as may be the responsibility of the applicant as a developer. This period of validity may be extended by the regulatory authority concerned by a maximum period of five years provided an application is made to the regulatory authority by the applicant within the validity period, together with an updated Form 1, and Supplementary Form 1A, for Construction projects or activities (item 8 of the Schedule). In this regard the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee as the case may be.

10. Post Environmental Clearance Monitoring:

(i) It shall be mandatory for the project management to submit half-yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.

(ii) All such compliance reports submitted by the project management shall be public documents. Copies of the same shall be given to any person on application to the concerned regulatory authority. The latest such compliance report shall also be displayed on the web site of the concerned regulatory authority.

11. Transferability of Environmental Clearance (EC):

A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases.

12. Operation of EIA Notification, 1994, till disposal of pending cases:

From the date of final publication of this notification the Environment Impact Assessment (EIA) notification number S.O.60 (E) dated 27th January, 1994 is hereby superseded, except in suppression of the things done or omitted to be done before such suppression to the extent that in case of all or some types of applications made for prior environmental clearance and pending on the date of final publication of this notification, the Central Government may relax any one or all provisions of this notification except the list of the projects or activities requiring prior environmental clearance in Schedule I, or continue operation of some or all provisions of the said notification, for a period not exceeding one year from the date of issue of this notification.

[No. J-11013/56/2004-IA-II (I)]

(R.CHANDRAMOHAN)
JOINT SECRETARY TO THE GOVERNMENT OF INDIA


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SCHEDULE

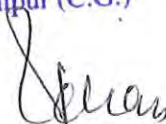
(See paragraph 2 and 7)

LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE

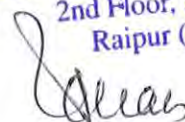
Project or Activity		Category with threshold limit		Conditions if any
		A	B	
1		Mining, extraction of natural resources and power generation (for a specified production capacity)		
(1)	(2)	(3)	(4)	(5)
1(a)	Mining of minerals	≥ 50 ha. of mining lease area Asbestos mining irrespective of mining area	<50 ha ≥ 5 ha .of mining lease area.	General Condition shall apply <u>Note</u> Mineral prospecting (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey
1(b)	Offshore and onshore oil and gas exploration, development & production	All projects		<u>Note</u> Exploration Surveys (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey
1(c)	River Valley projects	(i) ≥ 50 MW hydroelectric power generation; (ii) ≥ 10,000 ha. of culturable command area	(i) < 50 MW ≥ 25 MW hydroelectric power generation; (ii) < 10,000 ha. of culturable command area	General Condition shall apply
1(d)	Thermal Power Plants	≥ 500 MW (coal/lignite/naptha & gas based); ≥ 50 MW (Pet coke diesel and all other fuels -)	< 500 MW (coal/lignite/naptha & gas based); <50 MW ≥ 5MW (Pet coke ,diesel and all other fuels)	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
1(e)	Nuclear power projects and processing of nuclear fuel	All projects	-	
2		Primary Processing		
2(a)	Coal washeries	≥ 1 million ton/annum throughput of coal	<1million ton/annum throughput of coal	General Condition shall apply (If located within mining area the proposal shall be appraised together with the mining proposal)
2 (b)	Mineral beneficiation	≥ 0.1million ton/annum mineral throughput	< 0.1million ton/annum mineral throughput	General Condition shall apply (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance)

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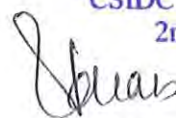


3		Materials Production		
(1)	(2)	(3)	(4)	(5)
3(a)	Metallurgical industries (ferrous & non ferrous)	a) Primary metallurgical industry All projects b) Sponge iron manufacturing ≥ 200 TPD c) Secondary metallurgical processing industry All toxic and heavy metal producing units $\geq 20,000$ tonnes /annum -	Sponge iron manufacturing <200TPD Secondary metallurgical processing industry i.) All toxic and heavy metal producing units <20,000 tonnes /annum ii.) All other non-toxic secondary metallurgical processing industries >5000 tonnes/annum	General Condition shall apply for Sponge iron manufacturing
3(b)	Cement plants	≥ 1.0 million tonnes/annum production capacity	<1.0 million tonnes/annum production capacity. All Stand alone grinding units	General Condition shall apply



4		Materials Processing		
(1)	(2)	(3)	(4)	(5)
4(a)	Petroleum refining industry	All projects	-	-
4(b)	Coke oven plants	≥2,50,000 tonnes/annum -	<2,50,000 & ≥25,000 tonnes/annum	-
4(c)	Asbestos milling and asbestos based products	All projects	-	-
4(d)	Chlor-alkali industry	≥300 TPD production capacity or a unit located out side the notified industrial area/estate	<300 TPD production capacity and located within a notified industrial area/estate	Specific Condition shall apply No new Mercury Cell based plants will be permitted and existing units converting to membrane cell technology are exempted from this Notification
4(e)	Soda ash Industry	All projects	-	-
4(f)	Leather/skin/hide processing industry	New projects outside the industrial area or expansion of existing units out side the industrial area	All new or expansion of projects located within a notified industrial area/estate	Specific condition shall apply
5		Manufacturing/Fabrication		
5(a)	Chemical fertilizers	All projects	-	-
5(b)	Pesticides industry and pesticide specific intermediates (excluding formulations)	All units producing technical grade pesticides	-	-

(1)	(2)	(3)	(4)	(5)
5(c)	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas and/or reforming to aromatics)	All projects -	-	-
5(d)	Manmade fibres manufacturing	Rayon	Others	General Condition shall apply
5(e)	Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)	Located out side the notified industrial area/ estate -	Located in a notified industrial area/ estate	Specific Condition shall apply
5(f)	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	Specific Condition shall apply
5(g)	Distilleries	(i) All Molasses based distilleries (ii) All Cane juice/ non-molasses based distilleries ≥ 30 KLD	All Cane juice/non-molasses based distilleries - < 30 KLD	General Condition shall apply
5(h)	Integrated paint industry	-	All projects	General Condition shall apply



(1)	(2)	(3)	(4)	(5)
5(i)	Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp with out bleaching	Pulp manufacturing and Pulp& Paper manufacturing industry -	Paper manufacturing industry without pulp manufacturing	General Condition shall apply
5(j)	Sugar Industry	- -	≥ 5000 ted cane crushing capacity	General Condition shall apply
5(k)	Induction/arc furnaces/cupola furnaces 5TPH or more	- -	All projects	General Condition shall apply
6	Service Sectors			
6(a)	Oil & gas transportation pipe line (crude and refinery/ petrochemical products), passing through national parks /sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal	All projects -		-

(1)	(2)	(3)	(4)	(5)
6(b)	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	-	All projects	General Condition shall apply
7		Physical Infrastructure including Environmental Services		
7(a)	Air ports	All projects	-	-
7(b)	All ship breaking yards including ship breaking units	All projects	-	-
7(c)	Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.	If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area. Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	-Industrial estates housing at least one Category B industry and area <500 ha. Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	Special condition shall apply Note: Industrial Estate of area below 500 ha. and not housing any industry of category A or B does not require clearance.
7(d)	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone	All facilities having land fill only	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
7(e)	Ports, Harbours	≥ 5 million TPA of cargo handling capacity (excluding fishing harbours)	< 5 million TPA of cargo handling capacity and/or ports/ harbours ≥10,000 TPA of fish handling capacity	General Condition shall apply
7(f)	Highways	i) New National High ways; and ii) Expansion of National High ways greater than 30 KM, involving additional right of way greater than 20m involving land acquisition and passing through more than one State.	i) New State High ways; and ii) Expansion of National / State Highways greater than 30 km involving additional right of way greater than 20m involving land acquisition.	General Condition shall apply
7(g)	Aerial ropeways		All projects	General Condition shall apply
7(h)	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
8		Building /Construction projects/Area Development projects and Townships		
8(a)	Building and Construction projects		≥20000 sq.mtrs and <1,50,000 sq.mtrs. of built-up area#	#(built up area for covered construction; in the case of facilities open to the sky, it will be the activity area)
8(b)	Townships and Area Development projects.		Covering an area ≥ 50 ha and or built up area ≥1,50,000 sq .mtrs ++	++All projects under Item 8(b) shall be appraised as Category B1

Note:-

General Condition (GC):

Any project or activity specified in Category 'B' will be treated as Category A, if located in whole or in part within 10 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) Critically Polluted areas as notified by the Central Pollution Control Board from time to time, (iii) Notified Eco-sensitive areas, (iv) inter-State boundaries and international boundaries.

Specific Condition (SC):

If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre –defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate).


Chief Operating Officer
Chhattisgarh East Railway Ltd.,
CSIDC Commercial Complex,
2nd Floor, Raipura,
Raipur (C.G.)

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

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Mahadev Ghat Road, Raipura Chowk,

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Annexure - 7

UNDERTAKING

MoEF&CC condition No. (x). Roadside plantation shall be done by the User Agency in all possible available stretches under the consultation with State Forest Department for reclamation of public roads which are used for coal transportation; further, State Government shall ensure that roadside plantations has been carried out in all road stretches used for coal transportation by covering them under any plantation scheme. Details of plantation along with scheme shall be submitted to Regional Office along with Stage-I approval.

CERL has initiated the identification and survey of road patches (that are used for coal transportation) where plantation can be carried out. The plantation scheme will be prepared in-coordination with Forest Department and CERL wishes to submit undertaking for making the payment for the cost of road-side plantation.

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

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Annexure - 8

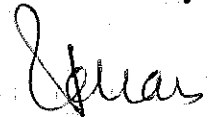
UNDERTAKING

MoEF & CC condition No. (xi). All recommendations as suggested by Wildlife Institute of India, Dehradun in Wildlife Management Plan shall binding on the User Agency and the State Government shall ensure that all recommendations are compiled by User Agency within stipulated time. A detailed report in this regard shall be submitted along with Stage-I compliance report.

Wildlife Institute of India has submitted the detailed report for Wild life Management as prepared by Wild Life Institute of India (WII). The report has been submitted to Principal Chief Conservator for Wild life protection and management vide their letter no.WII/Ele.Cell/Dharamjaigarh Railway Mitigation dated 23/10/2020 (copy enclosed).

CERL hereby agrees to comply with the recommendations given the report and also agrees to comply with any other recommendations issued by CG State Forest department.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

No. WII/Ele.Cell/Dharamjaigarh Railway Mitigation

23rd October 2020

To
Principal Chief Conservator of Forests (Wildlife)
& Chief Wildlife Warden
Government of Chhattisgarh
Aranya Bhawan, North Block,
Sector 19, Naya Raipur, Chhattisgarh
Email: cwlwgcg@gmail.com

Sub: Submission of field report "Assessment of three feeder rail lines in Dharamjaigarh to Kharsia Railway route, Raigarh District, Chhattisgarh
Ref: (I) Letter reference No./WL/Mgt-490/1823 dated 12/05/2020 from Principal Chief Conservator of Forests (Wildlife), Government of Chhattisgarh
(II) Letter reference No. WII/Ele.Cell/Dharamjaigarh Railway Mitigation dated 21/08/2020 from our office to PCCF (Wildlife), Government of Chhattisgarh

Sir,

This bears reference to the aforementioned letters regarding site assessment of three feeder lines in the Dharamjaigarh to Kharsia rail route in Chhattisgarh. As communicated vide letter reference (II), a team from WII had carried out site assessment during the month of August 2020. Based on the site assessment as well as data collated on elephant movement and habitat use in Dharamjaigarh and Raigarh Forest Divisions, we have drafted a report with specific recommendations to pre-empt rail-induced elephant mortality along the three feeder lines that are planned to be constructed.

The report is enclosed for your kind review and specific feedback, if any. We also request you to kindly forward our report to the Divisional Forest Officers of Raigarh and Dharamjaigarh Forest Divisions for their review and feedback.

Please do revert us for any clarifications in the report.

Thanking you,

Yours sincerely,

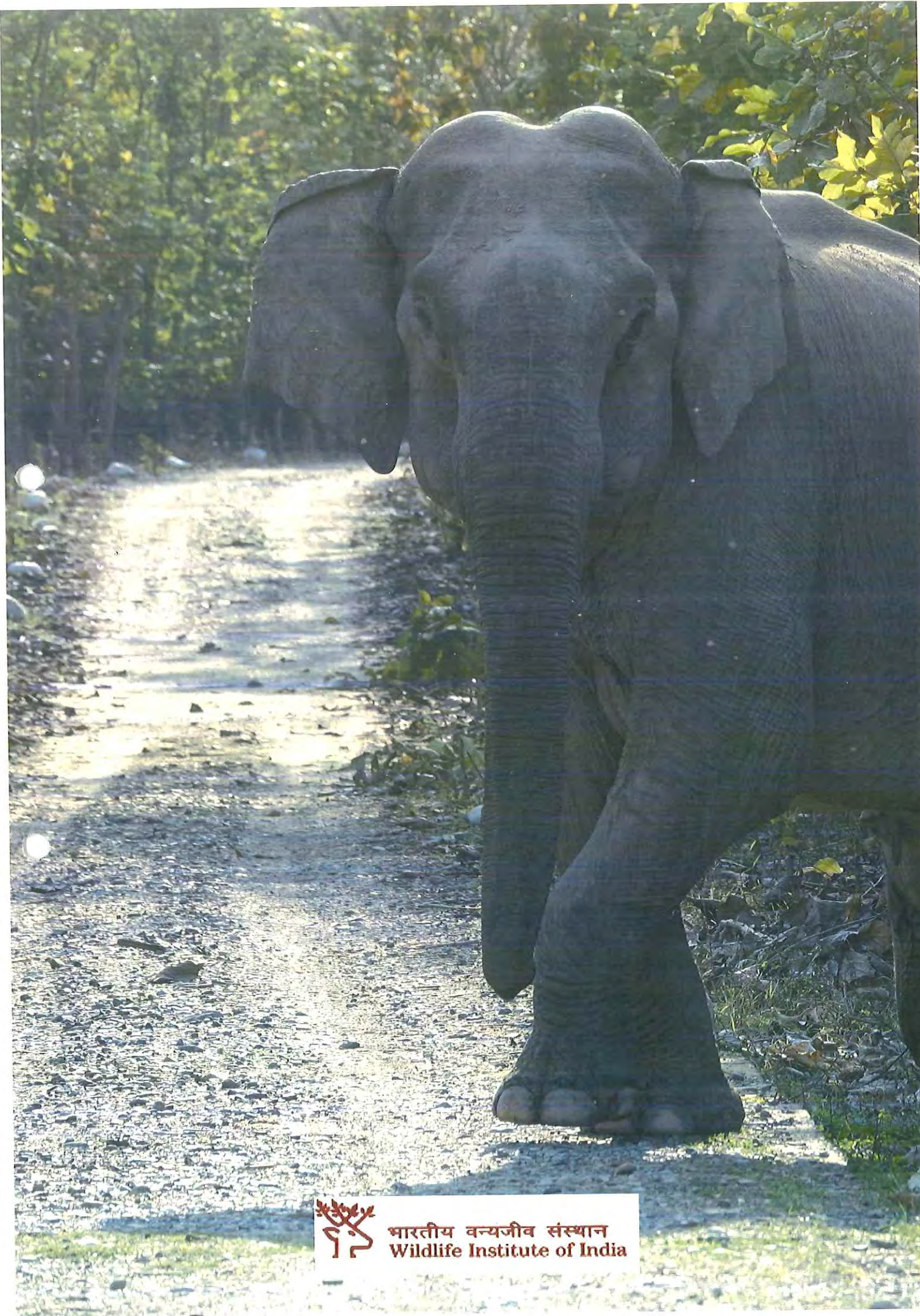
Dr. Dhananjai Mohan, IFS
(Director)

Copy to:
Shri. Rajesh Khare, Chief Operating Officer, Chhattisgarh East/West Rail Corridor, Raipur,
Chhattisgarh 492013

**Assessment of three feeder rail lines in Dharamjaigarh
to Kharsia Railway route, Raigarh District,
Chhattisgarh**



भारतीय वन्यजीव संस्थान
Wildlife Institute of India



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

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Assessment of three feeder rail lines in Dharamjaigarh to Kharsia Railway route, Raigarh District, Chhattisgarh

Recommendations to pre-empt rail-induced elephant mortalities

Background of the project:

During November 2011, the Government of Chhattisgarh entered into Memorandum of Understanding (MoU) with South Eastern Coal Fields Limited (SECL) and IRCON International Limited to develop rail corridors to facilitate movement of freight (primarily coal) and passengers in northern Chhattisgarh. Apropos, construction for *Corridor-I*, which comprises of a main line between Dharamjaigarh to Kharsia for a span of 74 km and spur lines for 28 km had been embarked upon. Chhattisgarh East Railway Limited (CERL) a Joint Venture of SECL and IRCON was identified as the user agency for the project. Because the Railway alignments would pass through forests, and northern Chhattisgarh has substantial forest cover, Forest Clearance stands mandatory under the Forest (Conservation) Act, 1980 for executing the project. As per CERL, the *corridor-I* was accorded stage-1 clearance under Forest (Conservation) Act, 1980. In order to obtain stage-2 clearance for the spur lines, submission of approved wildlife management plan is a prerequisite.

Introduction:

During the last few decades, the Indian Railway network has witnessed expansion and modernization, with increase in train speed, freight and passenger traffic volumes. Rail transport is considered safer, faster and fuel efficient in comparison to road transport. This fuel efficiency of Railways can help in reducing greenhouse gas emissions in the face of global climate change (Borda-de-Agua et al., 2017). In spite of its advantages, some of the Railway network in India passes through ecologically critical, but highly fragile wildlife habitats posing multitude of threats to both wildlife habitats and populations (WII, 2016). Therefore, it is imperative to recognize the threats and develop strategies to prevent or at least minimize the negative effects. Bulk of the potential damage to wildlife habitats can be addressed if mitigation plans are discussed beforehand. Retrofitting mitigation structures to lessen impact is seldom possible as there are several ecological and environmental aspects that have to be considered closely (WII, 2016). Ideally, mitigation strategies should be discussed during the planning phase of infrastructure development itself (Carvalho et al., 2017). Impetus for infrastructure growth in the country calls for mainstreaming biodiversity and wildlife conservation in linear infrastructure development.

This study is in response to a call by CERL (Chhattisgarh East Railway Line) to Wildlife Institute of India to assess wildlife along the three feeder Railway lines that spur out of the main Kharsia – Dharamjaigarh Railway line in Raigarh district of Chhattisgarh to assess the potential impacts of the Railway line on wildlife and suggest appropriate mitigation measures. We carried out a rapid field survey and used datasets on elephant (*Elephas maximus*) movement and occurrence to suggest appropriate mitigation measures in the feeder lines. Although a diversity of mammals, birds and other fauna may be affected by the Railway line, we limit our assessment only to elephants as practical considerations and feasibility preclude all species assessment. Further, due to their long-ranging behavior, effect of the Railway line on elephants can be severe.

Rail-related threats to elephants:

In elephant habitats across India, rail-induced elephant mortality has emerged as one of the major threats facing elephant conservation (Dasgupta & Ghosh, 2015; Roy & Sukumar, 2017). Over 150 elephants have died due to rail-collisions during the last decade, between 2010 to 2019 (Source: Project Elephant, Government of India). Wildlife responses could be significantly different between roads and Railway lines (De-Agua et al, 2017). The Rail corridors are usually narrow, have minimal human traffic and disturbance, and therefore, can be perceived as easy for crossing by wild animals. However, trains are much faster and require longer time and distance for braking (Wll, 2016). Elephants' large size and group living with strong social bonds make them particularly vulnerable to train collisions. Passing trains can split the herds creating panic, which can culminate into freak accidents. Panic can startle herds and some of them could get stranded in the Railway tracks. In particular, the Railway ballast is not easy to negotiate for young calves and juvenile elephants, especially when the tracks are laid on elevated ground. Further, due to strong social bonds, in an attempt to rescue stranded elephants in the Railway tracks, more elephants may end up in the tracks. This is one of the main reasons as to why it is not uncommon to see herds of elephants getting mowed down by trains. Furthermore, the noise that rolling stock and train horns can startle elephants, sometimes transfixing them in the tracks due to sudden disorientation. Given these practical challenges, in spite of multi-pronged efforts by the Government to reduce the impact, rail-induced elephant fatalities continue to increase. Rail-related elephant deaths not only remove elephants from the population, but can seriously affect elephants' population dynamics and social behavior too in this long-lived species with long-term ramifications. Therefore, it is critical to address the issue of rail-induced elephant mortality.

Elephants in Raigarh and Korba districts:

As per the last all-India synchronised elephant census report of the year 2017, there are about 250 elephants in Chhattisgarh (Project Elephant, 2017). In this, every year about 150 to 200 elephants use Bilaspur forest circle comprising of Korba, Dharamjaigarh, Raigarh and Katghora Forest Divisions (Source: Daily elephant monitoring chart, Chhattisgarh Forest Department). There is continuous elephant movement between the Forest Divisions. There is also frequent inter-circle movement of elephants between Surguja and Bilaspur Forest Circles. From a larger elephant landscape perspective, elephants in Chhattisgarh move frequently to the states of Odisha, Jharkhand and lately, Madhya Pradesh as well. The elephant habitat in the landscape is a mosaic of forest patches interspersed with agricultural settlements creating imperceptible and diffuse boundaries.

Approach used for the assessment:

To assess the potential effects of the three feeder lines on elephants we have carried out a reconnaissance survey during February 2020. Further, we carried out a rapid field survey for three days during August 2020 visiting all the three feeder lines. A team of CERL staff accompanied us during the field surveys. During field surveys, we recorded our observations on the habitat aspects (vegetation type) in remnant forest patches through which the Rail alignment is planned.

Because rapid assessments may not provide a holistic historic perspective about elephant use of the landscape, we collated elephant-related crop loss locations collected from the Forest Department in Geographic Information System (GIS). The data used in the assessment pertains to three-year Forest Department records on crop losses for the period 2016–2019. Crop loss records indicate elephant use of such areas.

Further, Wildlife Institute of India (WII), with funding support and active collaboration with Chhattisgarh Forest Department had been conducting a long-term study on elephants in the state from the year 2017 onwards. As part of the study, a few elephants have been fitted with high-resolution satellite cum very-high frequency (VHF) radio collars. Among the elephants collared, two of them (both bulls) have used Dharamjaigarh and Raigarh Forest Divisions. Their collar data do provide fine-scale movement patterns (which shows the exact routes that elephants have taken to traverse in the landscape). We evaluate such fine-scale elephant movement patterns apropos the three feeder Railway lines.

Details of the feeder lines:

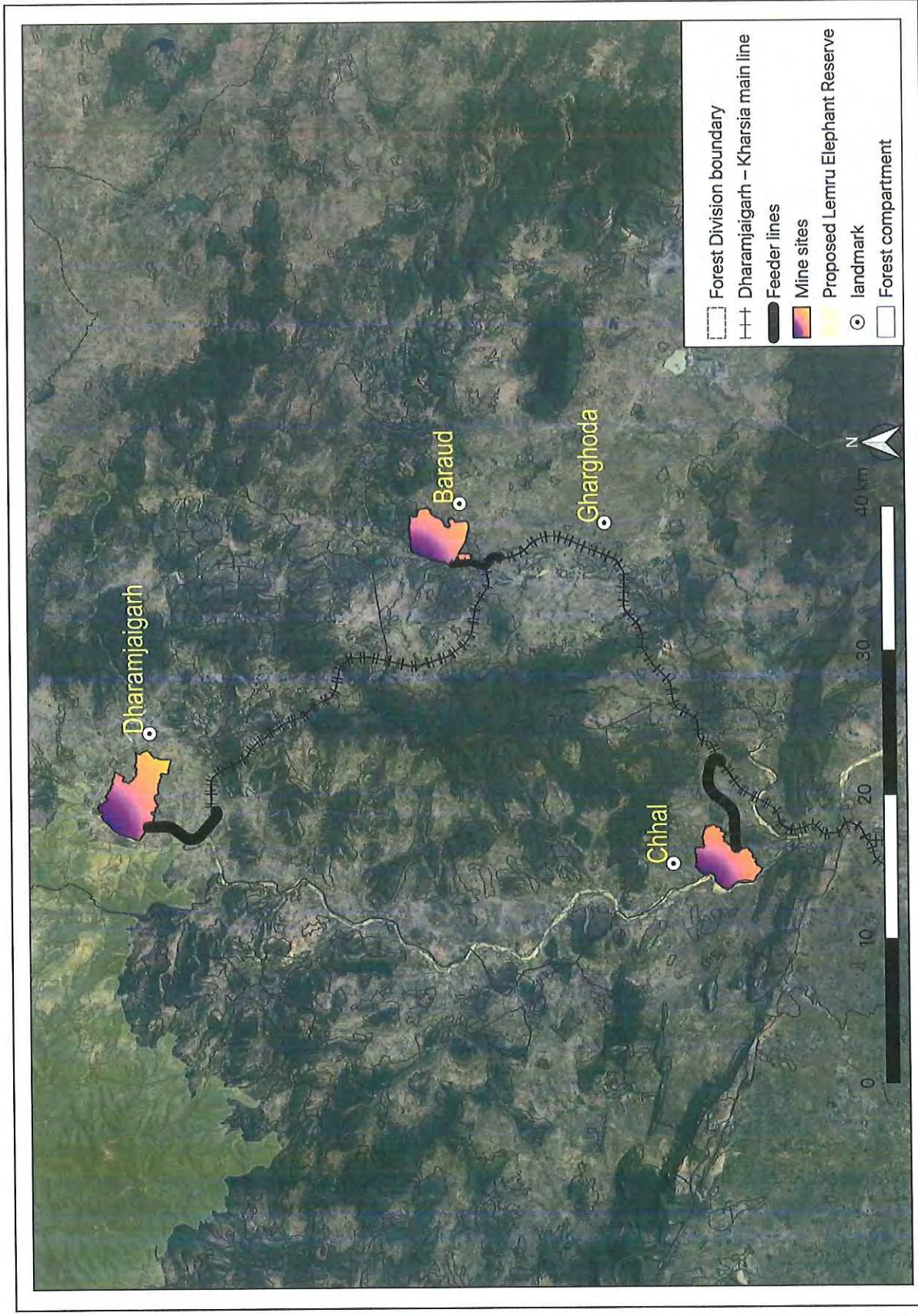
Our assessment was carried out for the three feeder lines (Map-1) that spur out of Kharsia to Dharamjaigarh main line. The three feeder lines are:

Feeder line	Total length (in KM)	Nearest Railway station	Forest Range	Forest Division
Chhal	8.5	Chhal	Chhal	Dharamjaigarh
Durgapur	7.3	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh
Baroud	4.3	Korichhapar	Gharghora	Raigarh

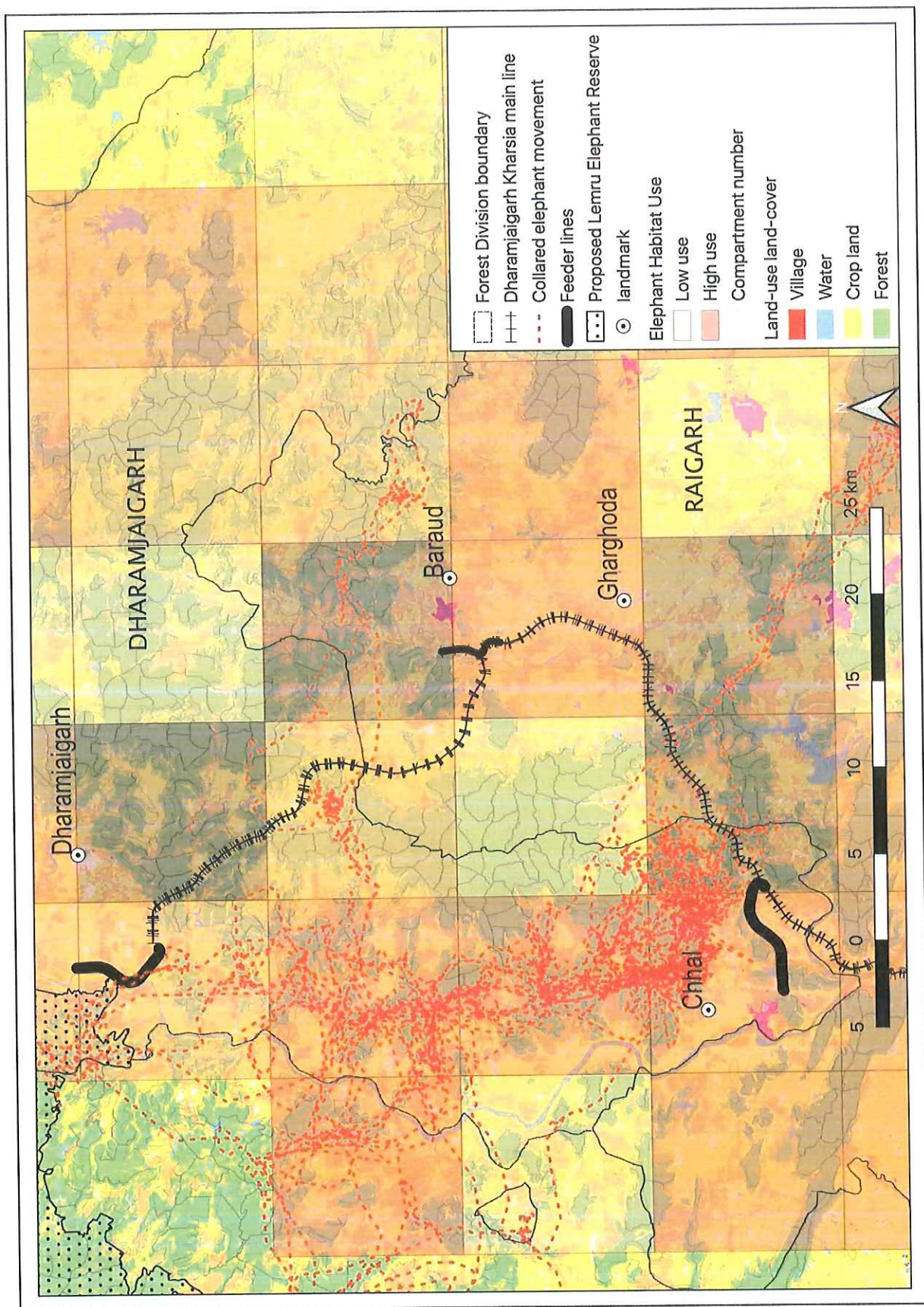
Habitat use and movement patterns of elephants in the landscape:

From (Map-2), it is evident that elephants' use of the landscape is not limited to forests. There is significant elephant movement outside the forests, through the cultivated fields, fallow lands and scrub areas. In both Dharamjaigarh and Raigarh Forest Divisions, elephants do feed on cultivated crops too and therefore, spend considerable time in the crop fields as well. Further, elephants have used the vicinity of all the three feeder lines at different times of the year (Map-2). Nevertheless, elephant use of the areas in the vicinity of Chhal feeder line is more frequent in comparison to Durgapur and Baraud feeder lines.

High-resolution satellite collars, with an error resolution of just about 30-m provide precise movement trajectories of elephants in the landscape. The collared bulls often associate with breeding herds of elephants (WII, unpublished data). Therefore, the movement patterns of collared elephants depicted in the maps could actually reflect movement patterns of a large group of elephants in the landscape. With respect to elephant movement patterns along the feeder tracks, elephants have directly crossed the proposed Rail alignment in Durgapur and have come as close as 300-m close to the proposed Rail alignment in Chhal. The collared elephant movement was farther (>1 km) only for Baraud Rail alignment. However, even in Baraud, the elephant movement was very close to the mine site.



MAP 1 THE LOCATION OF THREE FEEDER LINES, DHARAMJAIGARH - KHARSIA MAIN LINE AND THE COAL MINES IN RAIGARH DISTRICT, CHHATTISGARH



MAP 2 INTENSITY OF HABITAT USE BY ELEPHANTS AND MOVEMENT ROUTES OF COLLARED ELEPHANTS IN RAIGARH DISTRICT, CHHATTISGARH

Mitigation strategies and the rationale:

Our assessment and recommendations are limited only to the three feeder lines namely Chhal, Durgapur and Baroud. We did not assess the Dharamjaigarh – Kharsia main line as it was not included in the scope of our work. Therefore, we do not provide any recommendations for the main line. Nonetheless, we urge caution that the main Railway line between Dharamjaigarh and Kharsia cut across elephant habitats and frequent movement routes in multiple locations and therefore, needs very careful evaluation and mitigation therein.

Further, although elephant movement seems to be relatively frequent in certain sections, it is important to note that the terrain in the landscape where the three feeder lines are planned is predominantly flat (but occasionally undulating). In such flat terrains, elephants may not cross the rail alignment only in the “designated crossing locations” via forested conduit habitat given the fact that elephants spend significant amount of time in human-use areas as well. It may be noted that the settlements are sparsely populated and night light is poor in the landscape. Such conditions combined with the presence of numerous fallow lands with rank bush growth and forest patches can easily facilitate elephant movement during the night. These inherent conditions in the landscape pose a huge challenge to select sites for implementing mitigation structures. Given this reality, our overarching criteria for suggesting mitigation strategies rests on preventing rail–elephant collisions in the feeder lines.

Specific recommendations pertaining to the three feeder lines:

1. Chhal:

In Chhal, elephant movement is very frequent in the vicinity of the planned Rail tracks (Map-2). The intensity of habitat use by elephants is also relatively high (Map-2). The 8.5-km feeder line between Chhal station and Dharamjaigarh–Kharsia main line passes mostly through agricultural fields. The line also passes through Reserved Forests at Compartment # 477 and Revenue Forests as well.

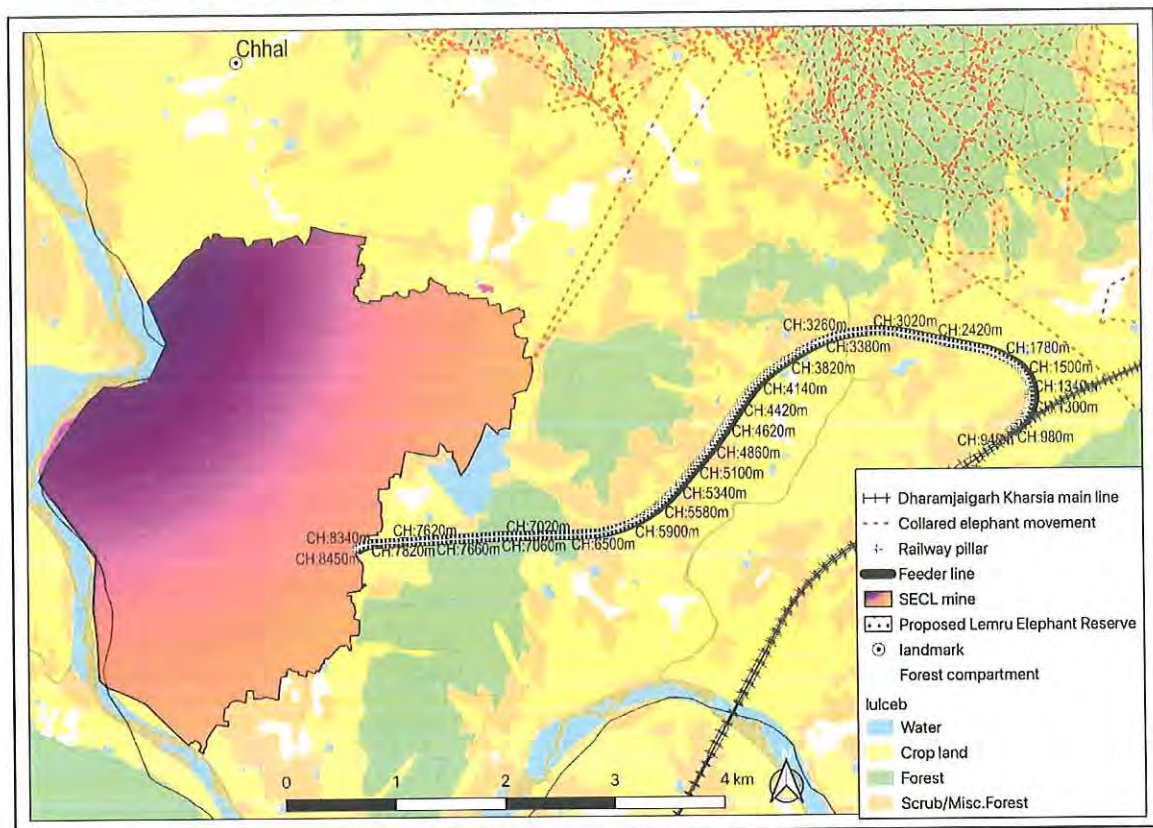
The vegetation in the Reserved Forests and the Revenue Forests is predominantly dense Sal (*Shorea robusta*) coppice. Other major tree species in the patches include *Diospyros melanoxylon*, *Lagerströemia parviflora*, *Gardenia gummifera*, *Buchanania lanzen* and occasional *Terminalia bellerica* and *Lannea coromandelica*. Understorey comprises of rank growth of *Holarrhena* sp, *Woodfordia* sp, *Phoenix* spp, and *Carissa* sp. During the assessment, we found evidence of lesser mammals like black-naped hare (*Lepus nigricollis*), Indian crested porcupine (*Hystrix indica*), golden jackal (*Canis aureus*) and sloth bear (*Melursus ursinus*).

In spite of the fact that elephants use this patch of forest in Compartment # 477, the patch is mostly insular and surrounded by villages and agricultural fields. The forest patch do not seem to provide connectivity to any large patch of forest. Therefore, elephants could be using these patches primarily as daytime refuges.

Therefore, the entire stretch of Chhal feeder line from the Chhal mine (CH: 8450m) all the way till the Dharamjaigarh – Kharsia main line (CH:940m) needs to be barricaded on both sides to prevent elephants from entering into tracks (design for the barricade is provided later in this report). However, the habitat connectivity in the larger landscape is crucial for interstate movement of elephants between Chhattisgarh and Odisha. Therefore, ensuring a safe permeability in the Dharamjaigarh – Kharsia main line is critical.

Further, the villagers could be having a bonafide use of the forest for a variety of resources and grazing cattle as well. Therefore, while making barricades for the elephants it is essential to provision for movement

of cattle, livestock and other smaller forms of wildlife that include deers, wild pigs, sloth bears and others. Although we have not recorded the signs of these wild animals during our short-duration survey, because



MAP 3– LOCATION OF CHHAL(MAP 3) MINE SITE AND THE FEEDER LINE

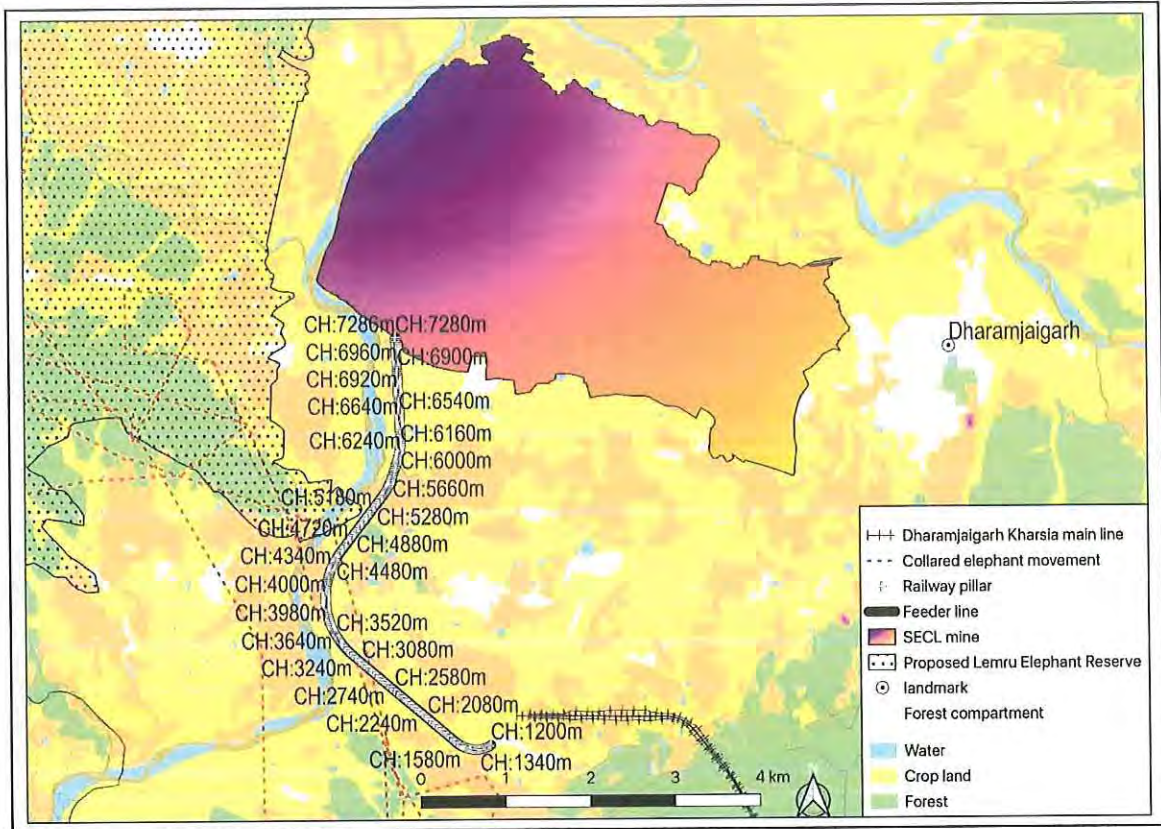
of our long-term association with the landscape, it is definite that wildlife like deers, wild pigs and sloth bears occur in these patches.

2. Durgapur:

In Durgapur feeder line, there is regular elephant movement in the vicinity of the proposed Rail alignment (Map-2). In fact, the elephants do cross the planned Rail alignment site (Map-2). Because the proposed Railway line would pass parallel to River Mand, elephant movement can be expected to be frequent in future as well. In the entire stretch of 7.3-km of feeder line passing between Durgapur mine (CH: 7280m) to Dharamjaigarh-Kharsia main line (CH: 1200m) the forest cover is currently very sparse. The feeder line does not pass through any Reserved Forests or Protected Forests, but it does pass through a few patches of Revenue Forests.

These Revenue Forests are very patchy and had thinned out considerably. In fact, the vegetation in most of these patches have already been cleared, reportedly under the provisions of Forest Rights Act, 2005 and forests exist only in the paper. In such cleared sites, people are already cultivating crops. Nevertheless, very narrow strips of forests still do occur. Although these patches of forests appear too small to support any large mammals, elephants could still be using them.

Regardless of the current use of area in the vicinity of the feeder Rail alignment by elephants, given that there is no sizable patch of forest towards the eastern side of the feeder Rail alignment, the entire stretch of 7.3-km of feeder line should be barricaded to prevent elephants from getting into track.



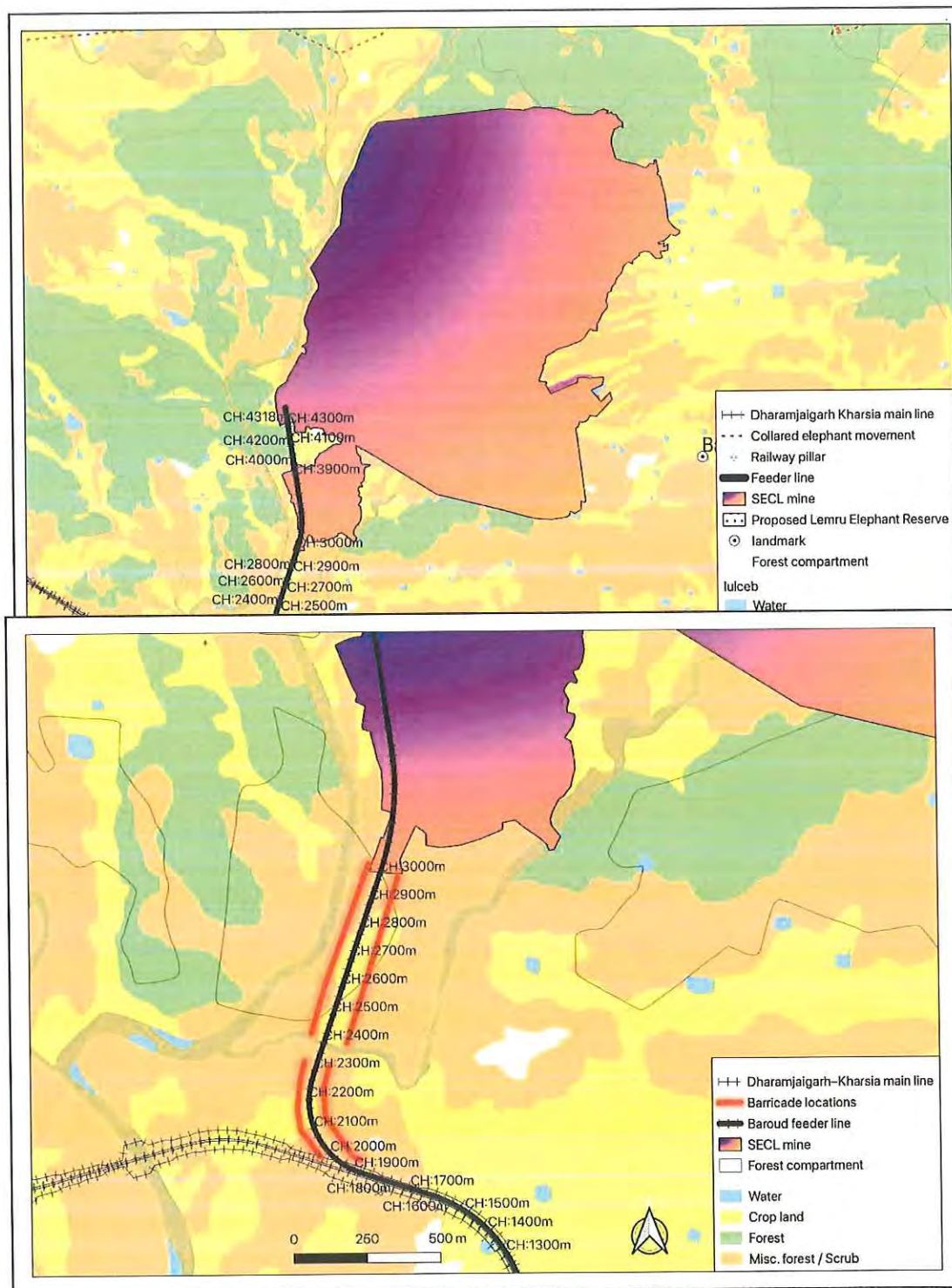
MAP 4 LOCATION OF DURGAPUR MINE SITE AND THE FEEDER LINE

3. Baraud:

In Baraud feeder line, the intensity of habitat use by elephants seems relatively low (Map-2). Even the collared elephants have used forest patches located in the north of the Mine site (eg. Compartment # 1280A, 1312, 1293 etc) and not in the immediate vicinity of the feeder line. Nevertheless, mitigation of the potential impacts of the feeder line on elephants seems most challenging here. Firstly, there are multiple barriers for elephants in this small stretch of habitat. There is the main Kharsia – Dharamjagarh Rail alignment, Ambikapur to Raigarh main road and the proposed feeder line. Further, there are large patches of forests/dense bushes towards the western direction of the alignment. These patches can shelter even large breeding herds of elephants and other wildlife, particularly during dry season due to presence of perennial streams within the forest patches. Barricading the entire stretch of this line can deflect elephant movement towards Dharamjaigarh – Kharsia main line increasing the risks to both elephants as well as villages enroute. The feeder line would cut through Protected Forest (compartment # 1280P). The alignment also passes through Revenue Forest patches. Providing safe passage to elephants in these patches do appear feasible. Therefore, we suggest the following:

- The stretch between CH:2400m and CH:3000m should be fully barricaded to prevent elephants from getting into the track (Map-6).
- In the stretch between CH:2200m and CH:2400m, elephant movement needs to be facilitated. In this stretch, there is a stream flowing in the East-West direction. Railways may construct a box culvert over this stream. The culvert can be designed to suit elephant movement (Map-6). Suggestion for the design is provided later

- The stretch between CH:2000m to CH:2300m should be fully barricaded to prevent elephants from getting into the track (Map-6).
- We do not have documented examples of elephants successfully using the box culverts to move between habitats. So, this suggestion needs to be experimented and monitored to evaluate efficacy
- In the current arrangement, the elephants will have to cross the Ambikapur – Raigarh State Highway and then come to the vicinity of pillar CH:2400m to cross the Rail alignment via culvert. This movement is feasible only if the traffic in the highway remains low.



MAP 5 LOCATION OF SUGGESTED BARRICADES AND THE CULVERT TO FACILITATE ELEPHANT MOVEMENT

General points to consider:

1. Multiple linear infrastructure such as Railway lines, main roads, mines and power transmission lines – all densely packed in a forest patch can create profound barrier effect for elephants and other wildlife and hinder their movement. Therefore, the impact of feeder Railway lines cannot be viewed in isolation given the fact that there are other linear barriers that exist and are planned in the landscape.
2. Elephants in the region have large home ranges. Therefore, barricading the feeder lines in a few insular patches of forests should not pose major constraints for elephant movement, but can go a long way in preventing rail-induced elephant mortalities.
3. Because foresighted Chhattisgarh Forest Department had satellite collared elephants, we urge that there should be proper evaluation of barrier effects of all the existing infrastructure in the landscape.
4. The mitigation strategies suggested needs thorough post construction evaluation. Evaluation of wildlife responses to the mitigation structures is crucial. Often the efficacy of mitigation structures in infrastructure projects is not evaluated resulting in major gaps in our understanding of wildlife responses to mitigation efforts. Considering this, we recommend CERL to extend monetary and logistical support to Chhattisgarh FD for continuous monitoring of elephant movement along feeder lines for a period of five years. In particular, in the conduits (like specially designed box culverts), monitoring wildlife movement with camera traps is essential. In the box culvert that we have suggested in Baraud feeder line monitoring wildlife movement with camera trap is essential.
5. The mitigation strategies provided in the report are based on our current understanding of elephant movement dynamics in the landscape. We urge caution that wildlife habitat use patterns can be dynamic and therefore, flexibility is required to accommodate modifications in mitigation strategies, wherever needed.
6. Maintaining a better visibility along the Railway tracks by clearing vegetation may be considered.
7. All the three feeder lines pass predominantly through agricultural fields and remnant patches of forest. A thorough avian assessment to suggest mitigation strategies is inappropriate, despite that fact that Railway line and overhead traction could pose a threat for birds. Making Railway lines less attractive for birds is perhaps the best mitigation that we could foresee
8. There needs to be a regular schedule for maintenance of the culverts. Even Rail barricades require regular maintenance
9. We strongly encourage the user agency to go through Wildlife Institute of India's manual "Eco-Friendly Measures to Mitigate Impacts of Linear Infrastructure on Wildlife". The manual is freely available on "http://www.wii.gov.in/images/documents/eia/EIA_BPG_Report_2017.pdf"

Design of barricade:

For barricading the Railway track the following dimensions of the barricade can be considered

Particulars	Description
Material	Discarded rails of the Indian Railways
Foundation for the structure	At least 1-meters deep pit needs to be dug up. The pit needs to be filled up with concrete mixture
Standing height of the vertical rails	About 2.4-meters standing height
Number of horizontal rails	Minimum of two. The first horizontal rail to be placed at 1.2-meters
Others	Use fasteners to connect the horizontal rails with the vertical rail. If needed the fasteners can be easily removed The span between vertical rails can be decided based on the overall sturdiness of the structure

Design of the culvert:

Particulars	Description
Type	Box culvert
Dimensions	Height = 6 to 8 meters Width = 15 meters (after considering flooding of the stream during monsoon)
Other considerations	Follow the openness ratio for the culvert: $[(\text{height of the opening} \times \text{width of the structure}) / \text{length of the underpass}]$. The user agency may refer to WII's manual "Eco-friendly measures to mitigate impacts of linear infrastructure on wildlife" in case of ambiguity about openness ratio The culvert should be made attractive to wildlife by developing natural vegetation and cover The substrate of the culvert should be natural to the maximum possible extent

Reference:

- BORDA-DE-AGUA, L., BEJA, R.B.P. & PEREIRA, H.M. (2017) *Railway Ecology*. Springer Open.
- CARVALHO, F., SANTOS, S.M., MIRIA, A. & LOURENCO, R. (2017) Methods to monitor and mitigate wildlife mortality in Railways. In *Railway Ecology* (eds L. Borda-de-Agua, R.B.P. Beja & R.B.P. Beja), p.. Springer Open.
- DASGUPTA, S. & GHOSH, A.K. (2015) Elephant–Railway Conflict in a Biodiversity Hotspot: Determinants and Perceptions of the Conflict in Northern West Bengal, India. *Human Dimensions of Wildlife*, 20, 81–94.
- PROJECT ELEPHANT, G. OF I. (2017) Synchronized elephant population estimation: India 2017.
- ROY, M. & SUKUMAR, R. (2017) Railways and Wildlife: A case study of Train-Elephant collisions in Northern West Bengal, India. In *Railway Ecology* (eds L. Borda-de-Agua, R.B.P. Beja & R.B.P. Beja), p.. Springer Open.
- WII (2016) Eco-friendly measures to mitigate impacts of linear infrastructure on wildlife.

कार्यालय प्रधान मुख्य वन संरक्षक (वन्यप्राणी एवं जैव विविधता
संरक्षण) सह मुख्य वन्यप्राणी अभिरक्षक, छत्तीसगढ़

सेक्टर-19, नार्थ ब्लॉक, अरण्य भवन, प्रथम तल (एफ.आर.) नवा रायपुर, अटल नगर (छ.ग.)

✉ cwlwcg@gmail.com, apccfwildlife@gmail.com

☎ 0771-2512880, 0771-2512881

क्रमांक/व.प्रा./प्रबंध-490/4540

नवा रायपुर, दिनांक 17/12/2020

प्रति,

स्मरण पत्र

वनमंडलाधिकारी,
रायगढ़/धरमजयगढ़ वनमंडल
छत्तीसगढ़

विषय— Submission of field report "Assessment of three feeder rail lines in
Dharamjaigarh to Kharsia railway route", Raigarh district, Chhattisgarh.

- संदर्भ— 1. भारतीय वन्यजीव संस्थान, देहरादून का पत्र दिनांक 23/10/2020.
2. कार्यालयीन पत्र क्रमांक/व.प्रा./प्रबंध-490/4200 दिनांक 27.11.2020

—00—

विषयांतर्गत संदर्भित पत्र के तारतम्य में लेख है कि धरमजयगढ़ से खरसिया रेलवे लाईन के संबंध में भारतीय वन्यजीव संस्थान द्वारा तीन फीडर लाईन (छाल, दुर्गापुर एवं बरौद) का साईट एसेसमेन्ट रिपोर्ट तैयार कर इस कार्यालय को प्रस्तुत की गई है। जिसमें धरमजयगढ़ एवं रायगढ़ वनमंडल में हाथियों के विचरण एवं रहवास क्षेत्रों में रेल द्वारा हाथी मृत्यु के रोकथाम के संबंध में आपकी सुझाव एवं अभिमत हेतु लेख किया गया था, जिसकी जानकारी आज दिनांक तक अपेक्षित है।

अतः भारतीय वन्यजीव संस्थान देहरादून द्वारा तैयार उपरोक्त रिपोर्ट पर आप अपने सुझाव व अभिमत अनिवार्य रूप से यथाशीघ्र इस कार्यालय को प्रस्तुत करना सुनिश्चित करें, ताकि अग्रिम कार्यवाही की जा सके।

प्रधान मुख्य वन संरक्षक (वन्यजीवन)
छत्तीसगढ़, नवा रायपुर

पृ.क्रमांक/व.प्रा./प्रबंध-490/4541

नवा रायपुर, दिनांक 17/12/2020

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

1. मुख्य वन संरक्षक वन्यजीवन और क्षेत्रीय निदेशक, अवानकमार टायगर रिजर्व, बिलासपुर।
2. मुख्य वन संरक्षक, बिलासपुर वृत्त, बिलासपुर।
3. मुख्य कार्यपालन अधिकारी, छत्तीसगढ़ ईस्ट-वेस्ट रेल कारिडोर, रायपुर।

प्रधान मुख्य वन संरक्षक (वन्यजीवन)
छत्तीसगढ़, नवा रायपुर

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

Mahadev Ghat Road, Raipura Chowk,

Raipur-492 013 (C.G)

CIN: U45203CT2013GO1000729

email: cerlcewrl@gmail.com

Phone: 0771-2970338

Annexure - 9

UNDERTAKING

MoEF&CC condition No. (xi). User Agency shall develop a separate nursery at one or more places to raise at least 25,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for better relation with local people residing in vicinity of proposed proposal, User Agency shall voluntary distribute remaining 50% of seedlings to them free of cost. A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Regional Office of MoEF&CC;

CERL hereby gives undertaking that the cost of raising the nursery shall be deposited with the State Forest department based on the recommendation of the State Nodal officer (Land Management) or the Divisional Forest Officer Dharamjaygarh.

Yours Sincerely



(Rajesh Khare)
Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

Government of India Undertaking

CSIDC Commercial Complex,

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Phone: 0771-2970338

Annexure - 10

UNDERTAKING

MoEF&CC condition No. (xiii). The layout plan of the proposal shall not be changed without prior approval of Central Government.

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer

CERL & CEWRL

Chhattisgarh East Railway Limited

(A Subsidiary of South Eastern Coalfields Limited)

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Annexure - 11

UNDERTAKING

MoEF&CC condition No. (xiv). **No labour camp shall be established on the forest land.**

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

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Annexure - 12

UNDERTAKING

MoEF&CC condition No. (xv). **Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the laborer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.**

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

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Annexure - 13

UNDERTAKING

MoEF&CC condition No. (xvi). The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer;

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

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Annexure - 14

UNDERTAKING

MoEF&CC condition No. (xvii). No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.

CERL agree to comply with above condition.

Yours Sincerely



(Rajesh Khare)
Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

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Annexure - 19

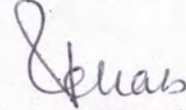
UNDERTAKING

MoEF&CC condition No. (xviii). The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less;

CERL hereby wishes to submit that the project life is for a period of 50 years.

CERL agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

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Annexure - 15

UNDERTAKING

MoEF&CC condition No. (xix). The forest land shall not be used for any purpose other than that specified in the project proposal.

CERL agree to comply with above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

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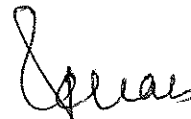
Annexure - 16

UNDERTAKING

MoEF&CC condition No. (xix). The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

Chhattisgarh East Railway Limited

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Annexure - 17

UNDERTAKING

MoEF&CC condition No. (xxi). Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018;

CERL hereby agrees to comply with the above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer
CERL & CEWRL

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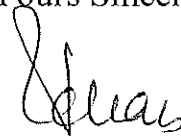
Annexure - 18

UNDERTAKING

MoEF&CC condition No. (xix). Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.

CERL agree to comply with above condition.

Yours Sincerely



(Rajesh Khare)

Chief Operating Officer

CERL & CEWRL