INDEX

साउथ ईस्टर्न कोलफील्ड्स लिमिटेड

(कोल इंडिया का एक उपक्रम)

गेवरा क्षेत्र

अपेक्षित वनभूमि के लिए आवेदन – पत्र

गेवरा परियोजना विस्तार (94.293 हेक्टेयर)

SEEPAT ROAD
P.O.: SECL
BILASPUR

जिला: कोरबा(छत्तीसगढ़)
पिन:495452

साउथईस्टर्नकोलफिल्डसलिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीअनुषंगी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
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P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2022 / 249 दिनांक 20 / 10 /2022

प्रति,
वन मण्डलाधिकारी,
कटघोरा वनमण्डल कटघोरा ,
जिला–कोरबा (छ.ग.)

विषय :– Diversion of 94.293 Ha. Revenue Forest land for Non Forest purpose (Coal Mining) under Forest Conservation Act 1980 for Gevra Open Cast Mine of SECL.

संदर्भ:– क्रमांक /तक–अधि./2021/322 कटघोरा, दिनांक 19/01/2021

महोदय,

चेकलिस्ट 44 बिन्दुओं में से निम्नलिखित बिन्दुओं का वनमण्डल कटघोरा द्वारा प्रमाण पत्र की आवश्यकता है:–

क.	अभिलेख का विवरण
13	कास्ट/बेनिफिट एनालिसिस
16	स्थल विशेष वैकल्पिक वृक्षारोपण योजना (शासन द्वारा अनुमोदित दरो पर 25 प्रतिशत वार्षिक वृद्धि के साथ 7 वर्षीय मय उपचार मानचित्र, अक्षांश ,देशाश, प्रजाति विवरण सहित) जो असिंचित क्षेत्र चयनित होगा उसका वनमण्डलाधिकारी का प्रमाण पत्र पृथक से आवेगा।
17	वृक्षारोपण क्षेत्र उपयुक्तता प्रमाण पत्र।
18	अधिनियम उल्लंघन अतंर्गत कार्यो का विवरण।
19	अधिनियम उल्लंघन के लिए जिम्मेदार अधिकारीयों एवं कर्मचारियों का विवरण ।
20	अधिकारीयों एवं कर्मचारियों के विरुद्ध प्रस्तावित कार्यवाही।
21	वैकल्पिक वृक्षारोपण हेतु गैर वनभूमि अनुपलब्धता हेतु मुख्य सचिव का प्रमाण पत्र
26	वनअधिकारियों का निरिक्षण प्रतिवेदन मय स्पष्ट अनुशंसा नाम, पदनाम, सील, एव दिनांक सहित (प्रपत्र I से IV तक) प्रपत्र IV मुखालय से भरा जावेगा
29	जिले कि कुल वन भूमि (रकबा हे. में)
30	व.स.अ.–1980 अतंर्गत जिले के स्वीकृति प्रकरणों में प्रभावित हुई वन भुमि रकबा हे.में ।
31	व.स.अ.–1980 अंतर्गत जिले के स्वीकृति प्रकरणों मे इसी श्रेणी की कुल प्रयावर्तन वन भूमि रकबा हे.में।
32	प्रस्तावित क्षेत्रके 10 कि.मी. की परिधि में राष्ट्रीय उद्यान , वन्यप्राणी अभ्यारण्य या हाथी कारीडोर स्थित है अथवा प्रस्तावित है या अन्य ऐतिहासिक मीत्व का चिन्ह / मूर्ति न होने की जानकारी (छत्तीसगढ़ शासन वन विभाग का पत्र कमांक /एफ–5–20–2007/10–2 दिनांक 12.01.2010)
37	"Clearance under FC Act, 1980 Deposition of funds with the Ad-hoc CAMPA Remittances to procede 2nd Stage clearance. (भारत सरकार ,पर्यावरण एवं वन मंत्रालय ,क्षेत्रीय कार्यालय ,भोपाल का पत्र कमांक

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	7–1 / 2004CAMP)Meeting 3068 दिनांक 12.05.2011
38	"A detailed note on Soll Productivity or the lack of it (भारत सरकार ,पर्यावरण एवं वन मंत्रालय, क्षेत्रीय कार्यालय, भोपाल का पत्र कमांक 6-MPC-013/2008-BHO/357 दिनांक 24.02.2010
	राज्य शासन से संबंधित अभिलेख
41	पंजीयक कमांक – पंजीयक शुल्क एवं प्रोसेसिंग शुल्क का विवरण (छत्तीसगढ शासन वन विभाग का पत्र कमांक / एफ–7–22 / 2009 / 10–2 दिनांक 31.07.2009)
42	वन्यप्राणी परियोजना पर प्रधान मुख्य वन संरक्षक (वन्यप्राणी)का अभिमत (विशेषकर खनन प्रकरणों में)
43	विद्युत लाईन से संबंधित प्रकरणों में एक स्थाल से दूसरे स्थल तक टावर ले जाने का मानचित्र तथा विकल्प में न्युनतम प्रभावी वन क्षेत्र का विवरण (भारत सरकार क्षेत्रीय कार्यालय, भोपाल का पत्र कमांक 6–CHC022/2010-BHO/934 दिनाक 24.05.2010)
44	प्रस्ताव में अन्य (Misc)कमियों का विवरण

बांकी शेष बिंदुओं की जानकारी बिन्दुवार चेकलिस्ट अनुसार अपलोड किया जा रहा है।

चेक लिस्ट संलग्न –

भवदीय

20/10/2

महाप्रबंधक
एसईसीएल गेवरा क्षेत्र

प्रतिलिपी:–
1– अपर प्रधान मुख्य वन संरक्षक (भू–प्रबंध) अरण्य भवन,सेक्टर –19 पवा रायपुर की ओर सूचनार्थ संप्रेषित।
2– मुख्य वन संरक्षक बिलासपुर वृत्त, बिलासपुर की ओर सूचनार्थ संप्रेषित।

वन संरक्षण अधिनियम – 1980

अंतर्गत वन भूमि प्रत्यावर्तन के प्रस्तावों हेतु आवश्यक चेक लिस्ट

क्र.	अभिलेख का विवरण	पृ.क
	GoI (MoEF) से संबंधित अभिलेख	
1	आवेदक विभाग का मांग पत्र	
2	प्रपत्र I में रजिस्ट्रेशन कोड (वर्ष/पंजीयन क्रमांक)	
3	वन क्षेत्र विवरण	
4	गैर वन क्षेत्र विवरण	
5	प्रत्यावर्तित हेतु प्रस्तावित वन क्षेत्र का सर्वे ऑफ इंडिया का मूल टोपोशीट 1: 50000 स्केल पर	
6	वन क्षेत्र का इन्क्रोचमेंट मैप	
7	प्रपत्र – 4 में प्रस्ताव	
8	प्रोजेक्ट पर विस्तृत टीप	
9	वैकल्पिक वृक्षारोपण राशि जमा करने का वचन पत्र (वह दर जो अंतिम चरण में भूमि प्रत्यावर्तन के समय लागू होगी, देय होगी) नए यूनियन बैंक एवं कार्पोरेशन बैंक, नई दिल्ली के बचत खाते का विवरण आवश्यक है।	
10	न्यूनतम वन क्षेत्र उपयोगिता प्रमाण पत्र	
11.	पर्यावरण संरक्षण स्वीकृत प्रमाण पत्र (जिन प्रकरण में लागू न हो उसके भारत सरकार का परिपत्र लगा कर उल्लेख करें) सिंचाई के प्रकरण में 10,000 हे. तक में राज्य पर्यावरण प्रदूषण मंडल का स्वीकृति (भारत सरकार, पर्यावरण एवं वनमंत्रालय की अधिसूचना दिनांक 14.09.2006) इससे अधिक में भारत सरकार पर्यावरण एवं वन मंत्रालय, नई दिल्ली से लिया जाना आवश्यक है।	
12	वृक्ष विदोहन विवरण (प्रपत्र – अ एवं ब में)	
13	कास्ट/बेनिफिट एनालिसिस	
14	– वर्गीकृत गैर वन क्षेत्र/निजी भूमि (वर्गीकृत खसरा की [illegible] मानचित्र [illegible] का [illegible] अनुदेश) – राजस्व वन क्षेत्र (संलग्न प्रपत्र में अधिसूचना मय नक्शा प्रस्ताव तथा 3 प्रति में पृथक से वन संरक्षक के हस्ताक्षर एवं सील सहित आवेगा)	
15.	गैर वन क्षेत्र के आसपास क्षेत्र का नक्शा	
16.	स्थल विशेष वैकल्पिक वृक्षारोपण योजना (शासन द्वारा अनुमोदित दर पर 25 प्रतिशत वार्षिक वृद्धि के साथ 7 वर्षीय मय उपचार मानचित्र, अक्षांश, देशांश, प्रजाति विवरण सहित) जो असिंचित क्षेत्र चयनित होगा उसका वनमंडलाधिकारी का प्रमाण पत्र पृथक से आवेगा।	
17	वृक्षारोपण क्षेत्र उपयुक्तता प्रमाण पत्र	
18	अधिनियम उल्लंघन अंतर्गत कार्यों का विवरण	
19	अधिनियम उल्लंघन के लिए जिम्मेदार अधिकारियों एवं कर्मचारियों का विवरण	
20	अधिकारियों एवं कर्मचारियों के विरुद्ध प्रस्तावित कार्यवाही	
21.	वैकल्पिक वृक्षारोपण हेतु गैर वनभूमि अनुपलब्धता के मुख्य सचिव का प्रमाण पत्र	
22.	कैचमेंट ट्रीटमेंट प्लान	
23.	रिक्लेमेशन प्लान	
24	माईनिंग प्लान IBM नागपुर द्वारा अनुमोदित (केवल खनन प्रकरण में)	
25.	व्यवस्थापन प्लान	
26.	वनअधिकारियों का निरीक्षण प्रतिवेदन मय स्पष्ट अभिमत नाम पदनाम [illegible] एवं दिनांक सहित (प्रपत्र I से IV तक) प्रपत्र IV मुख्यालय से भरा जावेगा	

27	ऐतिहासिक स्थल का प्रमाण पत्र
28	राष्ट्रीय उद्यान का अस्तित्व प्रमाण पत्र [illegible] पत्र क्रमांक/ एफ-5-20/ 2007/ 10-2 दिनांक 12.01.2010
29	जिले की कुल वन भूमि (रकबा) है में
30	1980 अन्तर्गत जिले की स्वीकृत प्रकरणों में प्रभावित हुई वन भूमि रकबा है में
31	1980 अन्तर्गत जिले के स्वीकृत प्रकरणों में इसी क्षेत्र की कुल प्रभावित वन भूमि रकबा है में
32	इन्स्टालेशन क्षेत्र की 10 कि.मी. की परिधि में राष्ट्रीय उद्यान वन्यप्राणी अभयारण्य का कोई कारीडोर स्थित है अथवा प्रस्तावित है या अन्य ऐतिहासिक महत्व का विषय / भूमि न होने की जानकारी (छत्तीसगढ़ शासन वन विभाग का पत्र क्रमांक/एफ-5-22/2007/10-2 दिनांक 12.01.2010)
33	15 कि.मी. परिधि के नक्शे में खनन हेतु प्रस्तावित स्थलों का [illegible] (कोल खनन प्रकरणों में)
34	वन अधिकार मान्यता पत्र वितरण की सूची एवं कलेक्टर का प्रमाणित प्रमाण पत्र (यदि निरंक हो तो भी प्रमाणित होगा) (भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र क्रमांक/ F No. 11-9/ 1998-FC दिनांक 03.08.2009)
	ग्राम सभा का पूर्वगामी प्रस्ताव (Resolution) [illegible]
35	राजस्व वन भूमि हेतु कलेक्टर का प्रमाण पत्र [illegible] क्रमांक [illegible] दिनांक 25.05.2007)
36	प्रस्तावित [illegible] मंत्रालय के दिशानिर्देशानुसार [illegible] करने का [illegible]
37	Clearance under FC Act, 1980 Deposition of units with the Ad-hoc CAMPA/ Remittances to proceed 2nd stage clearance (भारत सरकार, पर्यावरण एवं वन मंत्रालय, क्षेत्रीय कार्यालय, भोपाल का पत्र क्रमांक 7-1/ 2004 (CAMPA) Meeting 3068 दिनांक 12-05-2011)
38	"A detailed note on Soil Productivity or the lack of [illegible] (भारत सरकार, पर्यावरण एवं वन मंत्रालय, क्षेत्रीय कार्यालय, भोपाल का पत्र क्रमांक 6-MPC 013/ 2008-BHO 357 दिनांक 24-02-2010)
39	परियोजना की किसी भी प्रकार की भूमि [illegible] प्रमाण पत्र (भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र क्रमांक F No. [illegible] 2003-FC दिनांक 06-01-2011)
40	Diversion of large area (more than 500 ha) of [illegible] land for mining and other non-forestry purposes under the Forest (Conservation) Act, 1980 - Stipulation of additional condition (The user agency shall establish and operate a Vocational Training Institute) (भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र क्रमांक F No. 11-9/ 1998-FC दिनांक 04-01-2011)
	राज्य शासन से संबंधित अभिलेख
41	प्रतीपूरक वनरोपण – प्रतीपूरक शुल्क एवं प्रतीपूरित शुल्क का विवरण (छत्तीसगढ़ शासन वन विभाग का पत्र क्रमांक/एफ-7-22/2009/ 10-2 दिनांक 31.07.2009
42	वन्यप्राणी परियोजना पर प्रधान मुख्य वन संरक्षक (वन्यप्राणी) का अभिमत (विशेषकर खनन प्रकरणों में)
43.	विद्युत लाईन से संबंधित प्रकरणों में एक स्थल से दूसरे स्थल तक टावर ले जाने का मानचित्र तथा तीन विकल्प में न्यूनतम प्रभावी वन क्षेत्र का विवरण (भारत सरकार, [illegible] कार्यालय, भोपाल का पत्र क्रमांक 6-CHC 022/ 2010-BHO/ 934 दिनांक 24.05.2010)
44	प्रस्ताव में अन्य (Misc) जानकारी का विवरण

वन संरक्षक
वन मंडल
छत्तीसगढ़

चेक लिस्ट – 1

आवेदक विभाग का मॉग पत्र

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
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P.O. : GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: 495452

जिला: कोरबा(छत्तीसगढ़)
पिन:495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 209

दिनांक 07/10/2021

To
The Divisional Forest Officer
Katghora Division
Katghora- Korba

SUB: Submission of Documents as per 44 points Checcklist for Diversion of 94.293 Ha. Revenue Forest Land of SECL Gevra OCP.
Proposal No. FP/CG/MIN/41389/2019

Dear Madam

The application for diversion of 94.293 Ha. Revenue Forest Land has been made online vide Proposal No. FP/CG/MIN/41389/2019 on DT: 05.11.2019. The Acknowledgement was received on 19th March 2021. The Hard copy of Form A, Part I, along with the annexures was submitted to your good office on 19th March 2021 (Receipt enclosed).

Please find enclosed herewith Documents as per 44 points Checcklist for Diversion of 94.293 Ha. Revenue Forest Land of SECL Gevra OCP.

Submitted for kind perusal & further necessary action.

Thanking you

Yours Sincerely

7/10/21

General Manager
SECL Gevra Area

Copy to :
1. Additional Principal Chief Conservator of Forest (Land Management), Naya Raipur, CG
2. Chief Conservator of Forest, Bilaspur Division, Bilaspur CG

Receipt
क्र.
दि. 08-10-21
वन मण्डल कटघोरा

चेक लिस्ट – 2

प्रपत्र 1 में रजिस्ट्रेशन कोड (वर्ष/पंजीयन कमांक)

Gmail

Nodal officer EnvForest <[illegible]>

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal
1 message

monitoring-fc@nic.in <monitoring-fc@nic.in>
To: [illegible]
Cc: monitoring-fc@nic.in

Fri, Mar 19, 2021 at 2:48 PM

A proposal seeking prior approval of Central Government under the Forest (Conservation) Act 1980, as per the details given below, has been examined by the Nodal Officer, Forest (conservation) Act, 1980, Government of Chhattisgarh and has been found to be complete in all respect.

1. Proposal No. : FP/CG/MIN/13869/2019
2. Proposal Name : GEVRA OPENCAST PROJECT
3. Category of the Proposal : Mining
4. Date of Submission : 05/11/2019
5. Name of the Applicant with Contact Details

Name : Swarup
Mobile No. : 9425531732
State : Chhattisgarh
District : Korba
Pincode : 495452

6. Area Applied (ha.) : 94.289

Please provide duly signed hard copy of the above proposal along with all necessary enclosures to the office of the each concerned Divisional Forest Officer and the District Collector and upload a copy of the acknowledgement slip(s) (single pdf file) as per the format given below, obtained from each of the above authorities, on portal of this ministry for further processing of the above proposal.

(System Administrator)

Acknowledgement Slip

This is to certify that hard copy of the proposal seeking prior approval of Central Government under the Forest (Conservation) Act 1980, as per details given below, along with all necessary enclosures has been received in the Office of the Chhattisgarh on 05/11/2019.

1. Proposal No. : FP/CG/MIN/13869/2019
2. Proposal Name : GEVRA OPENCAST PROJECT
3. Category of the Proposal : Mining
4. Date of Submission : 05/11/2019
5. Name of the User Agency with Contact Details

Name : Swarup
Mobile No. : 9425531732
State : Chhattisgarh
District : Korba
Pincode : 495452

6. Area Applied (ha.) : 94.289

(System Administrator)

*** This is a system generated email, please do not reply ***

Receipt
12.3.21

19-3-2021

FORM - A

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

PART - I
(To be filled up by User Agency)

A. General Details

A-1. Project Details

(i). Proposal No. : FP/CG/MIN/41389/2019

(ii). Name of Project for which Forest Land is required : GEVRA OPENCAST PROJECT

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required : Diversion of additional 94.293 Ha. of Revenue Forest Land for capacity enhancement of Gevra OCP from 35 to 70 MTY.

(iv). State : Chhattisgarh

(v). Category of the Proposal : Mining

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

(vii). Estimated cost of the Project(Rupees in lacs) : 1181640

(viii). Area of forest land proposed for diversion(in ha.): 94.293

(ix). Non-forest land required for this project(in ha.): 4687.505

(x). Total period for which the forest land is proposed to be diverted(in years): 30

A-2. Details of User Agency

(i). Name : SOUTH EASTERN COALFIELDS LTD

(ii). Address1 : Post Box No. 60 Seepat Road Bilaspur Chhattisgarh

(iii). Address2 : NIL

(iv). State : Chhattisgarh

(v). District : Bilaspur

(vi). Pin : 495006

(vii). Landmark : SECL HQ

(viii). Email address : secfforest@rediffmail.com

(ix). Landline Telephone No. : 7752-246351

(x). Fax No. : 7752-246351

(xi). Mobile No. : 9425531622

(xii). Website (if any) : www.secl.gov.in

(xiii). Legal status of User Agency : Central PSU

A-3. Details of Person Making Application

(i). First Name: Swarup

(ii). Middle Name: Kumar

(iii). Last Name: Mohanty

(iv). Gender: Male

(v). Designation: GENERAL MANAGER

(vi). Address 1: Office of the General Manager GEVRA AREA

(vii). Address 2: NIL

(viii). State: Chhattisgarh

(ix). District: Korba

(x). Tehsil: NIL

(xi). Pin: 495452

(xii). Landmark: GM Office Gevra Area

(xiii). Email Address: [illegible]

(xiv). Landline Telephone No.: 7815-275430

(xv). Fax No.: 7815275434

(xvi). Mobile No.: 9425531732

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

B. Details of land required for the Project

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

Proposal Submitted in Past							
S.no	Proposal Status.	Proposal No.	Final File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
1	Approved	8-53/2005-FC	8-53/2005-FC	[illegible]	[illegible]	20 Oct 2006	05 May 2008
2	Approved	8-76/2006-FC	8-76/2006-FC	[illegible]	[illegible]	20 Oct 2006	20 Apr 2011
3	Approved	8-77/2006-FC	8-76/2006-FC	[illegible]	[illegible]	20 Oct 2006	20 Apr 2011
4	Approved	8-81/2006-FC	8-81/2006-FC	[illegible]	[illegible]	20 Oct 2006	20 Apr 2011
5	Approved	FP/CG/MIN/942/2005	8-CHA033/2005-FC2	[illegible]	[illegible]	20 Oct 2006	05 May 2008
Total				1004.825	1004.825		

B-2.

View Form A Part 1

Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Raigarh	94.293	4687.505
Total		94.293	4687.505

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Korba	94.293	4687.505
Total		94.293	4687.505

B-2.3 Village wise breakup

Village wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	Gerra	81.38	393.419
2	Khoth	12.913	11.029
3	Mangwa	0	236.027
4	Pasid	0	254.348
5	Sardi	0	474.886
6	Bellkor	0	114.076
7	Gorra (old)	0	210.083
8	Dipka	0	119.47
9	Dhurkela	0	145.277
10	Baharpath	0	108.609
11	Bhathora	0	141.707
12	Kalya	0	142.21
13	Bhikalbazar	0	73.462
14	Ghamhula	0	249.016
15	Juradih	0	296.763
16	Kamunda	0	501.5
17	Singhia	0	352.033
18	Bongalpur	0	2.923
19	Amgaon	0	325.245
20	Nariabath	0	248.714
21	Sakora	0	21.112
22	Narbhatha	0	21.846
23	Pandripani	0	42.921
24	Churee	0	12.694
Total		94.293	4687.505

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Mining Quarry	94.168	3427.814
2	Mine Infrastructure	0.125	1080.227
3	External OB Dump	0	480
4	Other (Safety Zone etc)	0	699.464
Total		94.293	4687.505

C. Maps of forest land proposed to be diverted

Division 1. : Raigarh

(i). Area of forest land proposed to be diverted(in ha.) : 94.293

(ii). Nature of the Project: Non Linear

(iii). No. of patches : Two

Patch wise details		
Patch No.	Area of Patch(in ha.)	Kml File of Patches(To view KML file on google the same may be downloaded and then open it in google earth install in your computer.
1.	81.38	View File
2.	12.913	View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted:

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station:

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

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

E. Employment likely to be generated

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

(ii). Permanent/Regular Employment(Number of persons): 4391

(iii). Temporary Employment(Number of person-days): 500

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

(i). Whether Project involves displacement?: Yes

(a). Total Number of families : 2046

(b). Number of Scheduled Caste families : 251

(c). Number of Schedule Tribes families : 704

(d). Number of other families : 1091

(ii). Copy of Rehabilitation and Resettlement Plan:

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

G. Details of Cost-Benefit analysis for the Project

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

(a). Copy of Cost-Benefit analysis:

H. Status of Environmental Clearance

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

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

(b). Environmental Clearance File No. : J-11015/01/2010-IA.II (M)

(c). Copy of Environmental Clearance to the Project:

(d). Date of grant of Environmental Clearance to the Project: NIL

I. Status of Wildelife Clearance

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

J. Applicability of special provisions governing Scheduled Areas

(i).Whether the Project or a part thereof is located in a Scheduled Area? : No

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

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

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: Not Applicable

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory afforestation is less than area of forest land proposed to be diverted ?: Not Applicable

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

M. Mining Details

M-1. Details of Mineral Concessions

(i). Whether the forest land is applied under Coal Bearing Areas Act: Yes

(a). Total area of the mining lease(in ha.): 4781.798

(b). Area of forest land located in the mining lease(in ha.): 1150.705

M-2. Details of Mining Plan

(i). Date of approval of mining plan: 05 Mar 2014

(ii). Approval authority: COAL INDIA LTD BOARD

(iii). Copy of approval of mining plan:

(iv). Copy of approved mining plan:

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

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

(vii). Copy of map of the outer boundary of mining lease area: View File

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

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

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

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

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

iii-5.2 Estimated Reserve along with accuracy and confidence level

Estimated Reserve along with accuracy and confidence level						
Minerals	Estimated Reserve (million tonnes)	% accuracy (+-)	% confidence level	Estimated Reserve (million tonnes)	% accuracy (+-)	Estimated Mineral reserve at the end of mining lease(million tons.)
NIL						

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

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

Details of approval under the Forest(Conservation) Act,1980					
S.no	MoEF File No	Date of approval	Area of forest land diverted(in ha.)	From Date	To Date
NIL					

iii-7. Mineral wise details

(i). No. of minerals: One

Mineral wise details						
Minerals	Estimated reserve in non forest land(million tons.)	Estimated reserve in forest land(million tons.)	Estimated annual extraction(million tons.)	Estimated life of mine(Yrs.)	Total estimated extraction during mining lease period(million tons.)	Estimated mineral reserve at the end of mining lease(million tons.)
Coal and Lignite	671.00	258.11	70	12	1120.99	0

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

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

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

Additional Information Details

Documents		
S.No	Documents	Remarks
1		Sub Block Level Committee certificate along with supporting documents
2		Verified copy of proposed forest land (Khasara wise Details)
3		Mine Plan
4		Letter made to collector for issuance of NOC under FCA 1980 & FRA 2006
5		Reply to EDS dt. 29.11.2019
6		Land break up of 4781.798 ha.
7		Diversion of Road details
8		Land Acquisition details as per the Project report of Gevra Expansion Project (II-(I) MTPA)
9		Land Notification & details of Gevra OCP
10		Gevra Contour
11		Submission of DC for Registration & processing of application
12		Geo Referenced Boundary Map
13		Reply to EDS dt 28.10.2020

FORM 2-D

Notice of appointment of agent.

(See Regulation 7)

From:

Owner,

Name	: Manoj Kumar Prasad
Postal address	: Office of the Director Technical (Operation), SECL, Po. SECL Bilaspur.
District	: Bilaspur
State	: Chhattisgarh
PIN	: 495006
Mobile Number	: 9425532868
Telephone Number	: 07752246303/304
Fax Number	: 07752246453
Email ID	: dtop.secl.cil@coalindia.in

To,

01. The Chief Inspector of Mines, DGMS, Dhanbad – 826001
02. Regional Inspector of Mines, Bilaspur.

Sir,

I have to furnish the following particulars in respect of appointment of agent .

1	Name Of Mine	Gevra OC Project
2	Labour Identification No.	(LIN): 1740542034
3	Mine Code	010441
4	Location Of mine	Gevra Area is nearly 10 km from Gevra Road Railway Station
	Lease Number (S)	NA
	Village/Area/Road	Dipka
	Post Office	Gevra Project
	Police Station	Dipka
	Sub-Division(Taluq)/Tehsil	Katghora
	Railway Station(nearest)	Gevra Road
	District -	Korba
	State -	Chhattisgarh
	PIN -	495452

Con. page 2

3. Name and qualification etc. of agent who is appointed.

Name	: Shri S. K. Mohanty
Qualification	: B.E. (Mining)
Designation	: Area General Manager

4. Date of appointment. : 21.09.2020

5. Responsibilities : Management, control, direction and supervision of the mines to ensure safe working to comply with the provisions of Mines Act, Regulations and rules etc, at all mines of Gevra Area belonging to M/S SECL.

Yours Faithfully

Signature :
Designation
Date :

निदेशक (तकनीकी) संचालन
Director (Tech.) Operation
एस.ई.सी.एल. बिलासपुर (छ.ग.)
S.E.C.L., Bilaspur (C.G.)

General Manager
SECL Gevra Area

महाप्रबंधक
विभागाध्यक्ष-खा.सु.ब.
एस. ई. सी. एल.

Copy To :

01. General Manager (S&R)
02. General Manager/GA
03. Concern Executive

FORM 2-E

Notice of termination of agent.

(See Regulation 7)

From:

Owner,

Name	: Manoj Kumar Prasad
Postal address	: Office of the Director Technical (Operation), SECL, Po. SECL Bilaspur.
District	: Bilaspur
State	: Chhattisgarh
PIN	: 495006
Mobile Number	: 9425532868
Telephone Number	: 07752246303/304
Fax Number	: 07752246453
Email ID	: dtop.secl.cil@coalindia.in

To,

01. The Chief Inspector of Mines, DGMS, Dhanbad – 826001
02. Regional Inspector of Mines, Bilaspur.

Sir,

I have to furnish the following particulars in respect of appointment of agent .

1	Name Of Mine	Gevra Area
2	Labour Identification No.	(LIN): 1740542034
3	Mine Code	010441
4	Location Of mine	Gevra Area is nearly 10 km from Gevra Road Railway Station
	Lease Number (S)	NA
	Village/Area/Road	Dipka
	Post Office	Gevra Project
	Police Station	Dipka
	Sub-Division(Taluq)/Tehsil	Katghora
	Railway Station(nearest)	Gevra Road
	District -	Korba
	State -	Chhattisgarh
	PIN -	495452

Con. page

3. Name and qualification etc. of agent who is terminated.

Name	: Shri S. K. Pal
Qualification	: BSc. Engineering (Mining)
Designation	: Area General Manager

4. Date of termination. : 21.09.2020

Yours Faithfully

Signature :
Designation : निदेशक (तकनीकी) संचालन
Date : Director (Tech.) Operation
एस.ई.सी.एल. बिलासपुर (छ.ग.)
S.E.C.L., Bilaspur (C.G.)

5/11/2020
महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

महाप्रबंधक
विभागाध्यक्ष-का.सु.व.
एस. ई. सी. एल.

Copy To :
01. General Manager (S&R)
02. General Manager/GA
03. Concern Executive

चेक लिस्ट –3

वन क्षेत्र विवरण

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल.आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बडे झाड का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		**243.39 (98.499 हे.)**	**201.09 (81.380 हे.)**	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242 / 1	25.14	25.14	-	-"-
20		242 / 3	0.10	0.10	-	-"-
	योग		**43.76 (17.709 हे.)**	**31.91 (12.913 हे.)**	11.85 (4.796 हे.)	-"-
	कुल योग		**287.15 (116.202 हे.)**	**233.00 (94.293 हे.)**		-"-

वनमण्डलाधिकारी
कटघोरा वनमण्डल, कटघोरा

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र

25/06/2016
उप वनमण्डलाधिकारी
कटघोरा, जिला-कोरबा (छ.ग.)

स्टाफ अधिकारी (परि./योजना)
STAFF OFFICER (P&P)
एस.ई.सी.एल. गेवरा क्षेत्र
GEVRA AREA

चेक लिस्ट –4

गैर वन क्षेत्र विवरण

Land Use Plan for 70 MTY (4781.798 Ha.)

Core Area

S N.	Particulars	Tenancy land (Ha.)	Forest land (Ha.)	Government Land (Ha.)					Grand Total (Ha.)
				Grazing land	Waste land	Water body	Others	Total	
1	Quarry area	1732.968	535.703	32.879	0	16.58	312.22	361.679	2630.35
2	Area for Top Soil in quarry	0	0	0	0	0	5	5	5
3	External dump	291.31	0	0	0	0	188.69	188.69	480
4	Infrastructure, etc	504.509	509.434	0	0	0	88.839	88.839	1102.782
5	Roads	6	0	0	0	0	0	0	6
6	Residential Colony	65	0	0	0	0	0	0	65
7	R & R site	69.28	0	0	0	0	0	0	69.28
8	Explosive magazine	0	6	0	0	0	0	0	6
9	Nala Diversion, if any	0	0	0	0	0	0	0	0
10	Safety Zone	298.584	59.568	0	0	0	59.234	59.234	417.386
	Total Land (in Ha)	2967.651	1110.705	32.879	0	16.58	653.983	703.442	4781.798

*Required for processing EC application in Form I for 70 MTY production capacity.

12-8-24
Survey Officer
SECL Gevra Project

12/8/2024
Colliery Manager
SECL Gevra Project

12/08/24
Area Survey Officer
SECL Gevra Area

General Manager
SECL Gevra Project

चेक लिस्ट –5

प्रत्यावर्तित हेतु प्रस्तावित वन क्षेत्र का सर्वे आफ इंडिया का मूल टोपोशीट 1.50000 स्केल पर

No. F44K6

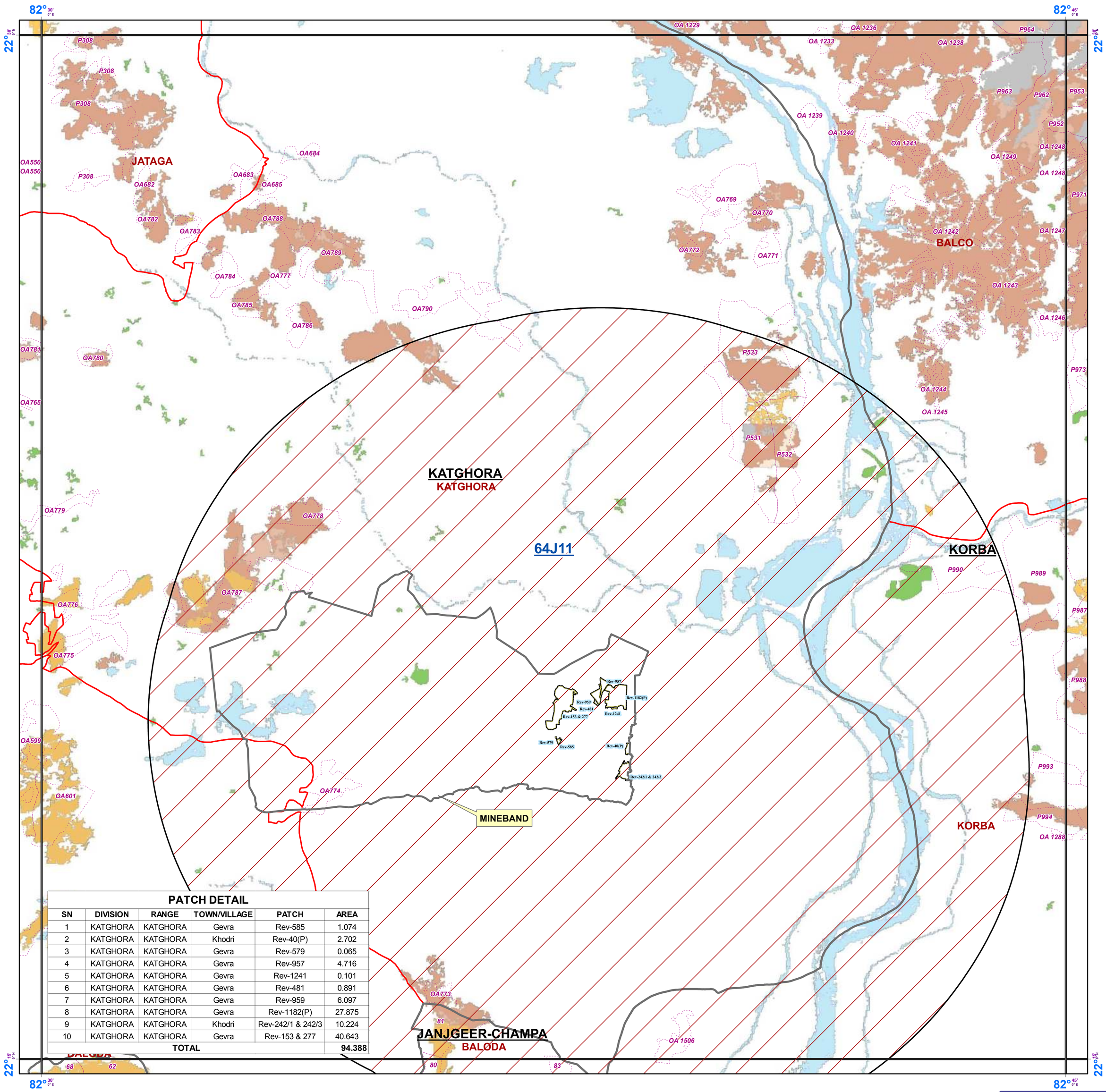
चेक लिस्ट – 6

वन क्षेत्र का इन्डेक्स मैप

FOREST TYPE MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11 **SCALE - 1:50,000**



PATCH DETAIL

SN	DIVISION	RANGE	TOWN/VILLAGE	PATCH	AREA
1	KATGHORA	KATGHORA	Gevra	Rev-585	1.074
2	KATGHORA	KATGHORA	Khodri	Rev-40(P)	2.702
3	KATGHORA	KATGHORA	Gevra	Rev-579	0.065
4	KATGHORA	KATGHORA	Gevra	Rev-957	4.716
5	KATGHORA	KATGHORA	Gevra	Rev-1241	0.101
6	KATGHORA	KATGHORA	Gevra	Rev-481	0.891
7	KATGHORA	KATGHORA	Gevra	Rev-959	6.097
8	KATGHORA	KATGHORA	Gevra	Rev-1182(P)	27.875
9	KATGHORA	KATGHORA	Khodri	Rev-242/1 & 242/3	10.224
10	KATGHORA	KATGHORA	Gevra	Rev-153 & 277	40.643
TOTAL					94.388

निर्यात के लिये नहीं
NOT FOR EXPORT

Legend

- Minebnd
- REVENUE FOREST BOUNDARY
- 10km BUFFER
- Division_Boundary
- Range_Boundary
- Compartment_Boundary

FOREST_TYPE

- 3B/C1c Slightly Moist Teak Forest
- 3B/C2 Southern Moist Mixed Decidious
- 3C/C2e(ii) Moist Peninsular Low Level Sal Forest
- 5/DS1 Dry Decidious Scrub
- 5/E9 Dry Bamboo Brakes
- 5A/C3 Southern Dry Mixed Deciduous Forest
- 5B/C1c Dry Peninsular Sal Forest
- 5B/C2 Northern Dry Mixed Decidious Forest
- Non Forest
- Plantation/TOF
- Water

Forest Type map
(As per Champion & Seth's Classification - 1968)

TOPOSHEET INDEX

64J6	64J10	64J14
64J7	64J11	64J15
64J8	64J12	64J16

N W E S

1:50,000

REG NO: *MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST*

MAP SUBJECT:
FOREST TYPE MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:50,000

CoOrdinates/Projection System used :

Prepared by

Stock Mapping by

COORDINATE SYSTEM OF SHAPEFILE:
Geographic Coordinate System: GCS_WGS_1984
Datum: D_WGS_1984
Prime Meridian: Greenwich
Angular Unit: Degree

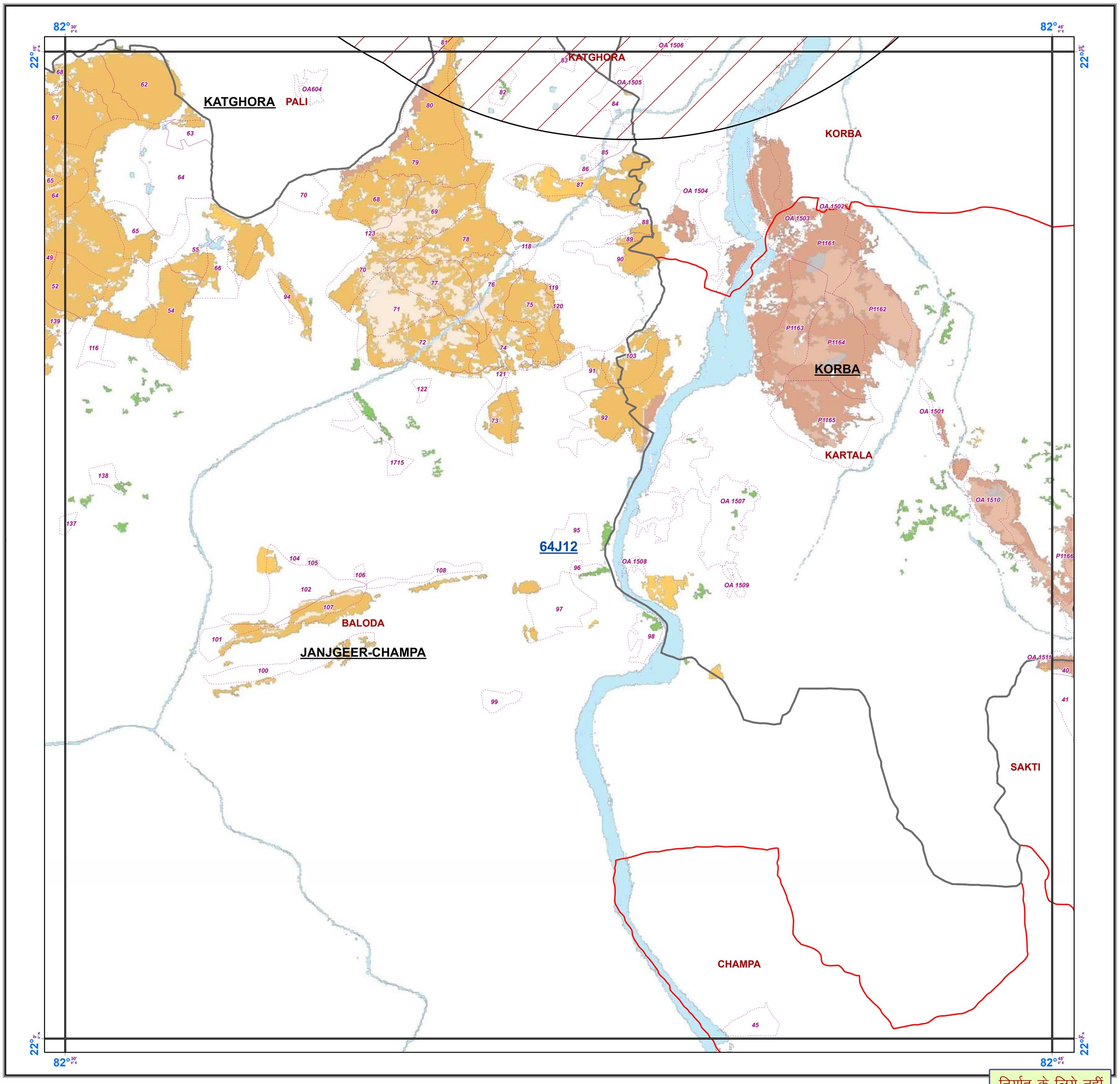
Data Source (s) :
1. Forest Boundaries are based on Stock Map (Scale 1: 15000)
2. Natural Fearures are based on Digital SOI Data (Scale 1: 50000)

Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

FOREST TYPE MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12 **SCALE - 1:50,000**



Legend

- Minebnd
- REVENUE FOREST BOUNDARY
- 10km BUFFER
- Division_Boundary
- Range_Boundary
- Compartment_Boundary

FOREST_TYPE

- 3B/C1c Slightly Moist Teak Forest
- 3B/C2 Southern Moist Mixed Decidious
- 3C/C2e(ii) Moist Peninsular Low Level Sal Forest
- 5/DS1 Dry Decidious Scrub
- 5/E9 Dry Bamboo Brakes
- 5A/C3 Southern Dry Mixed Deciduous Forest
- 5B/C1c Dry Peninsular Sal Forest
- 5B/C2 Northern Dry Mixed Decidious Forest
- Non Forest
- Plantation/TOF
- Water

Forest Type map
(As per Champion & Seth's Classification - 1968)

TOPOSHEET INDEX

64J7	64J11	64J15
64J8	64J12	64J16
64K5	64K9	64K13

N
W E
S

1:50,000

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MAP SUBJECT:
FOREST TYPE MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:50,000	**CoOrdinates/Projection System used :**
Prepared by	**COORDINATE SYSTEM OF SHAPEFILE:** **Geographic Coordinate System: GCS_WGS_1984** **Datum: D_WGS_1984** **Prime Meridian: Greenwich** **Angular Unit: Degree**
Stock Mapping by	

Data Source (s) :
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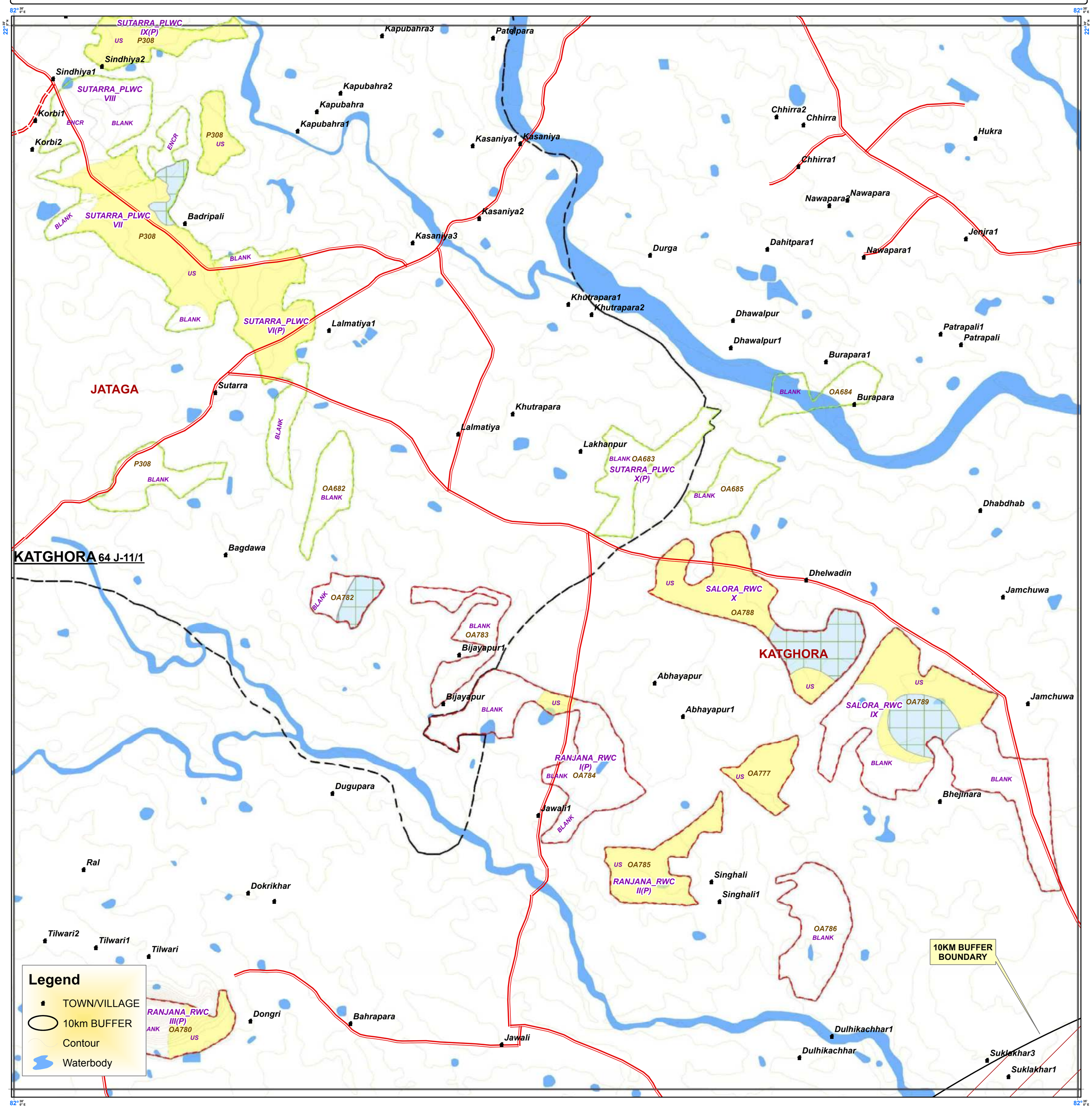
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/1

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-6	64 J-10/3	64 J-10/6
64 J-7/7	64 J-11/1	64 J-11/4
64 J-7/8	64 J-11/2	64 J-11/5

निर्यात के लिये नहीं
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REG NO:

MAP SUBJECT:
STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:15,000

CoOrdinates/Projection System used :

Prepared by

Stock Mapping by

COORDINATE SYSTEM OF SHAPEFILE:
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GCS_WGS_1984
Datum: D_WGS_1984
Prime Meridian: Greenwich
Angular Unit: Degree

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Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class
Mainly Matured — Mainly Middle — Mainly Young

Working Circle
SCI WC/FS/Coupe
IWC/FS/Coupe
SWC/FS/Coupe
PWC/FS/Coupe
RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

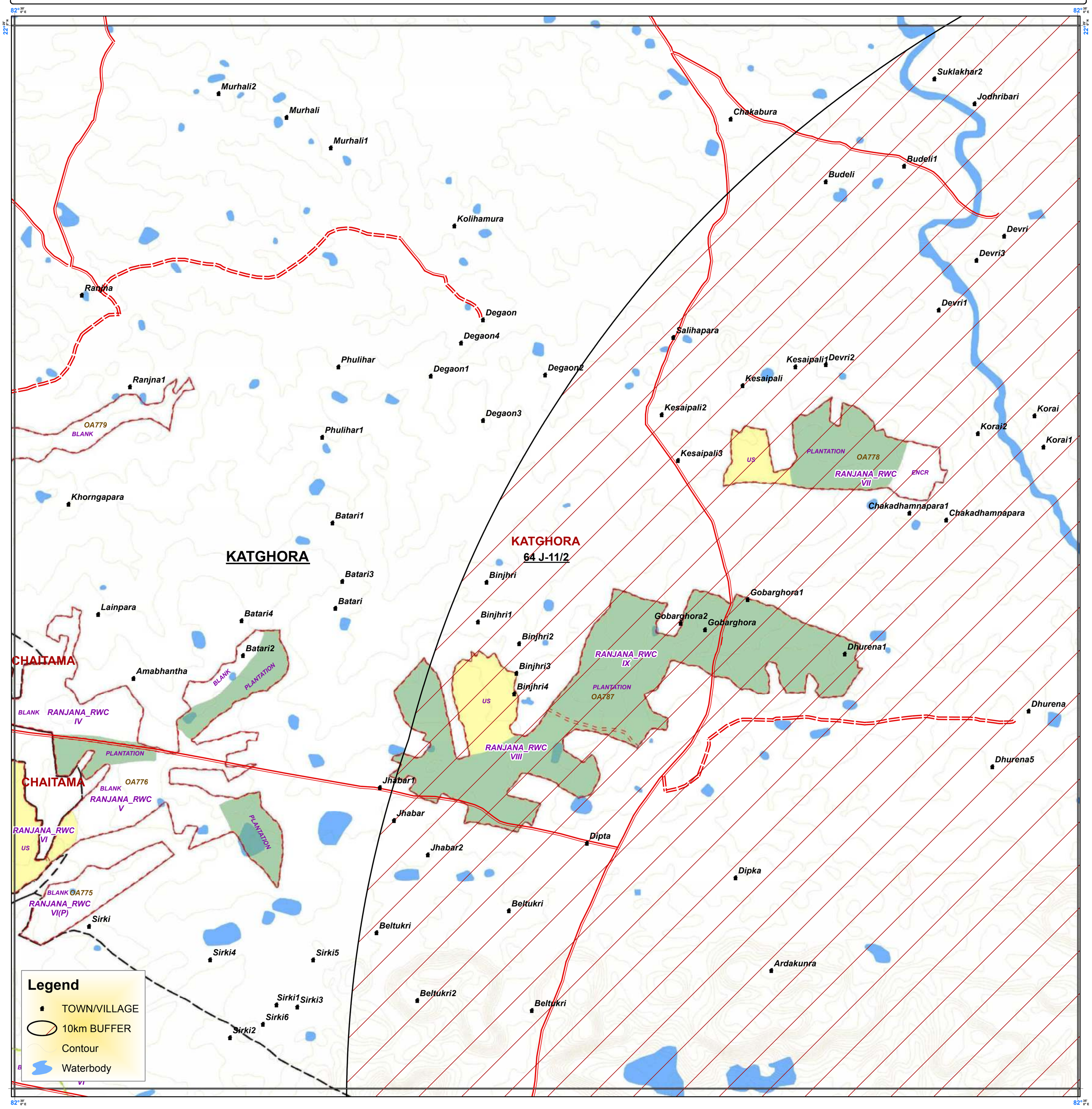
Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/2

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class

Mainly Matured | Mainly Middle | Mainly Young

Working Circle

SCI WC/FS/Coupe
IWC/FS/Coupe
SWC/FS/Coupe
PWC/FS/Coupe
RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

TOPOSHEET INDEX

64 J-7/7	64 J-11/1	64 J-11/4
64 J-7/8	64 J-11/2	64 J-11/5
64 J-7/9	64 J-11/3	64 J-11/6

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MAP SUBJECT:
STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:15,000	CoOrdinates/Projection System used :
Prepared by	COORDINATE SYSTEM OF SHAPEFILE: Geographic Coordinate System: GCS_WGS_1984 Datum: D_WGS_1984 Prime Meridian: Greenwich Angular Unit: Degree
Stock Mapping by	

Data Source (s) :
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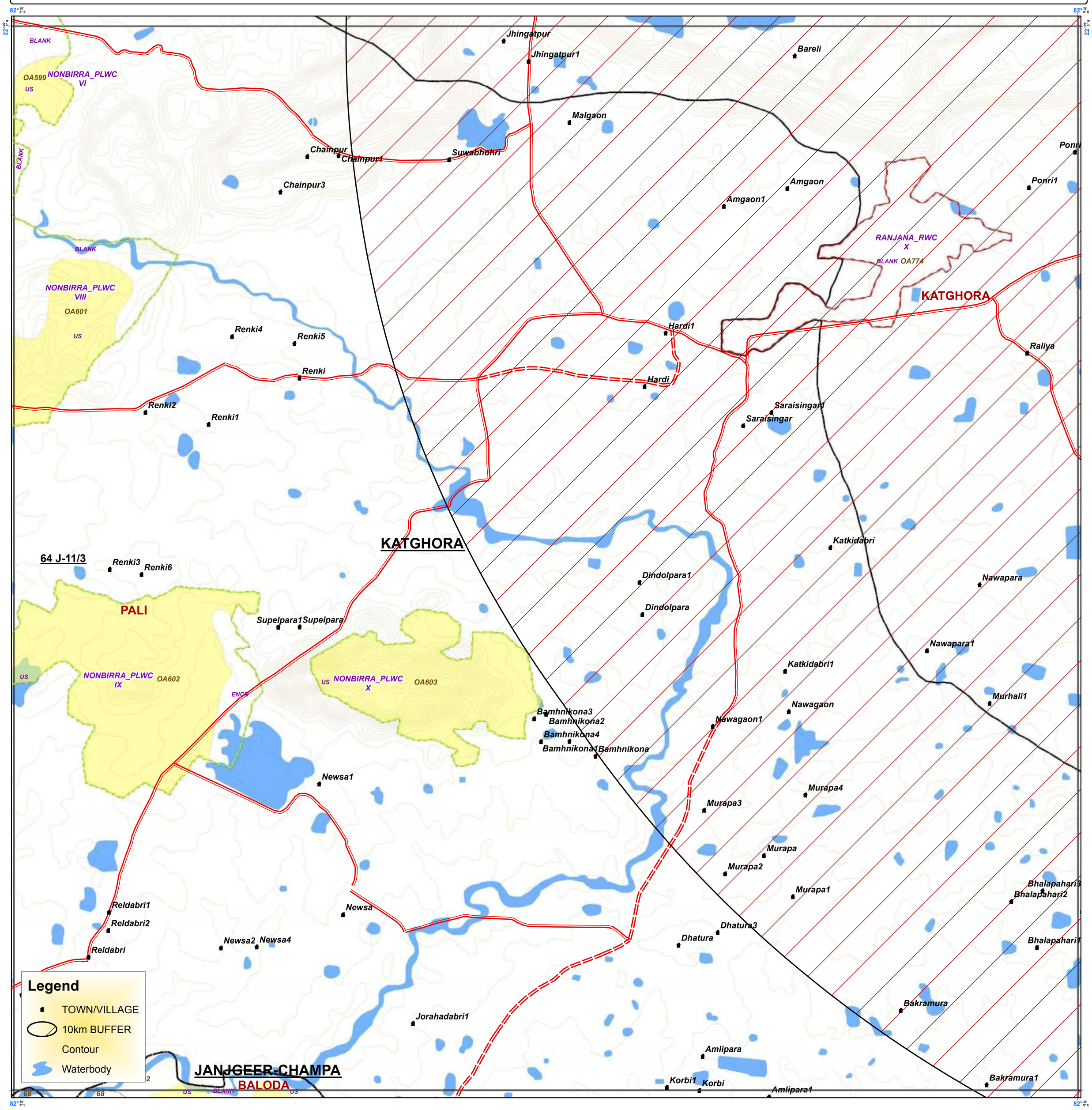
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/3

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-7/8	64 J-11/2	64 J-11/5
64 J-7/9	64 J-11/3	64 J-11/6
64 J-8/7	64 J-12/1	64 J-12/4

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

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REG NO:

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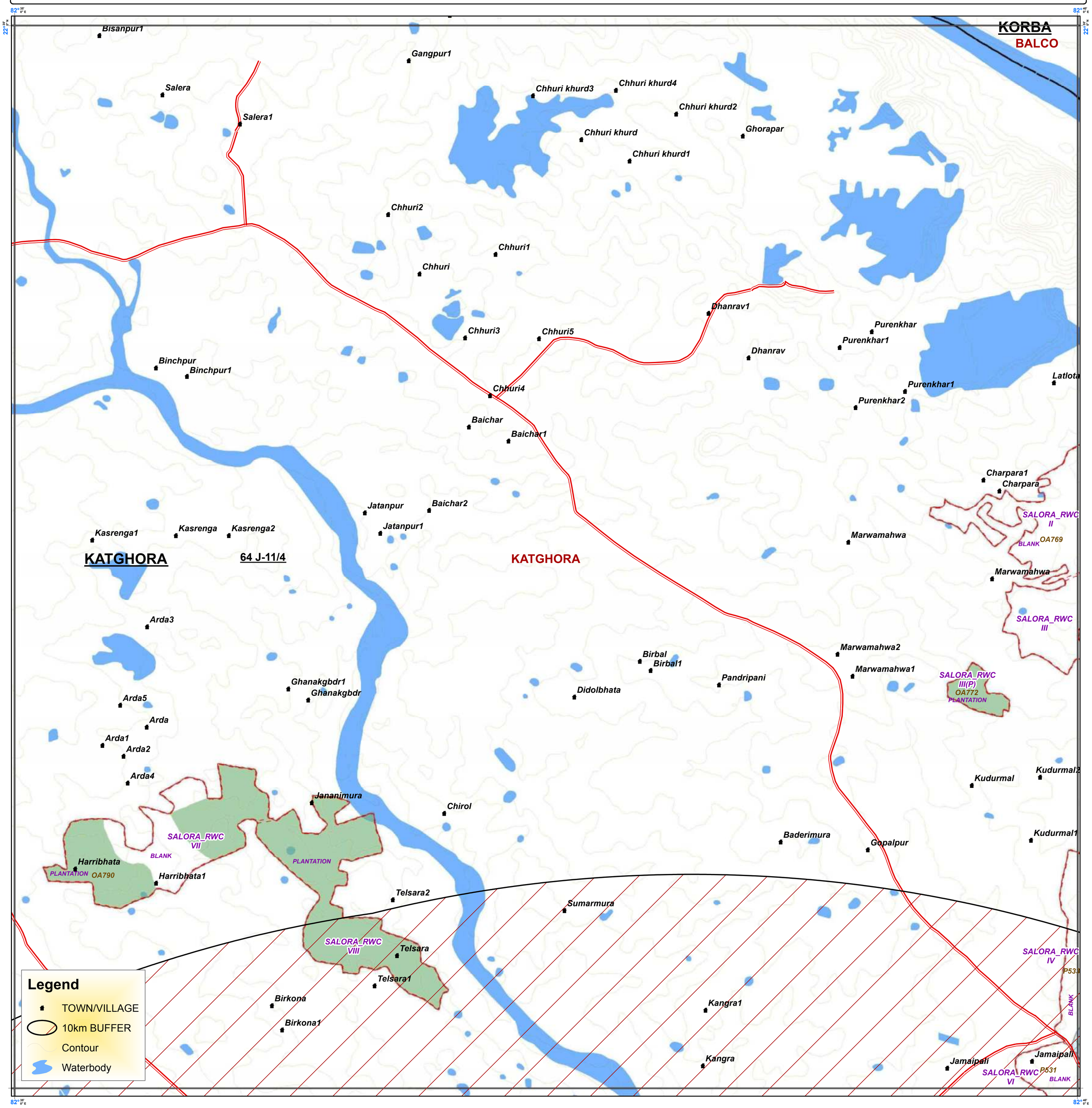
STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/4

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-10/3	64 J-10/6	64 J-10/9
64 J-11/1	64 J-11/4	64 J-11/7
64 J-11/2	64 J-11/5	64 J-11/8

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

निर्यात के लिये नहीं
NOT FOR EXPORT

REG NO:

MAP SUBJECT:
STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

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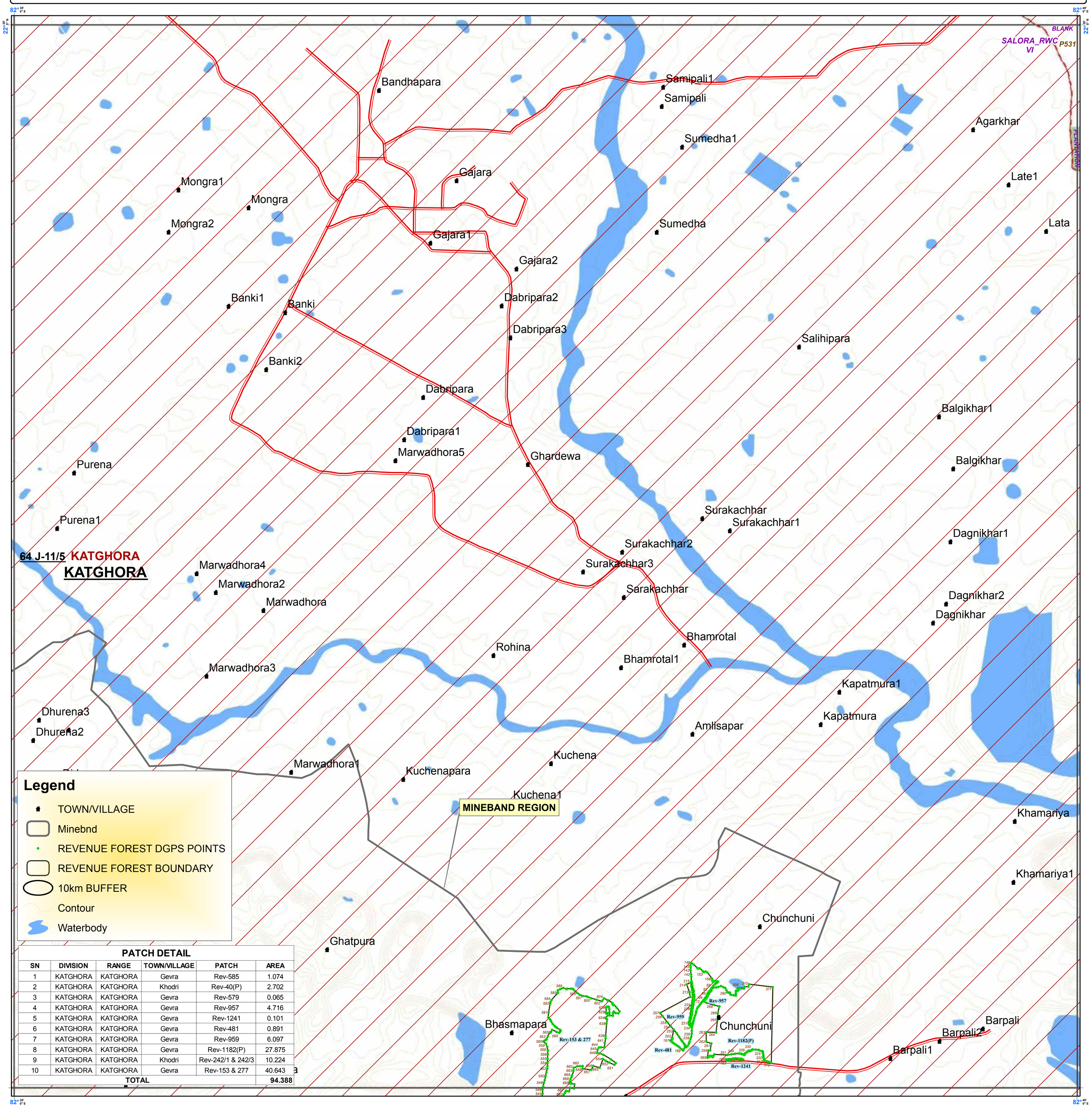
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/5

SCALE - 1:15,000



PATCH DETAIL

SN	DIVISION	RANGE	TOWN/VILLAGE	PATCH	AREA
1	KATGHORA	KATGHORA	Gevra	Rev-585	1.074
2	KATGHORA	KATGHORA	Khodri	Rev-40(P)	2.702
3	KATGHORA	KATGHORA	Gevra	Rev-579	0.065
4	KATGHORA	KATGHORA	Gevra	Rev-957	4.716
5	KATGHORA	KATGHORA	Gevra	Rev-1241	0.101
6	KATGHORA	KATGHORA	Gevra	Rev-481	0.891
7	KATGHORA	KATGHORA	Gevra	Rev-959	6.097
8	KATGHORA	KATGHORA	Gevra	Rev-1182(P)	27.875
9	KATGHORA	KATGHORA	Khodri	Rev-242/1 & 242/3	10.224
10	KATGHORA	KATGHORA	Gevra	Rev-153 & 277	40.643
TOTAL					94.388

MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-11/1	64 J-11/4	64 J-11/7
64 J-11/2	64 J-11/5	64 J-11/8
64 J-11/3	64 J-11/6	64 J-11/9

LEGEND

Forest Class

Under Stocked: US
Blank: Blanks
Encroachment: Encr
Forest Village
Preservation Plot: PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY: I, II, III, IVa, IVb, Va, Vb
SAL FOREST
MIXED FOREST
TEAK FOREST

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

निर्यात के लिये नहीं
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STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:15,000

CoOrdinates/Projection System used :

Prepared by

Stock Mapping by

COORDINATE SYSTEM OF SHAPEFILE:
Geographic Coordinate System: GCS_WGS_1984
Datum: D_WGS_1984
Prime Meridian: Greenwich
Angular Unit: Degree

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2. Natural Fearures are based on Digital SOI Data (Scale 1: 50000)

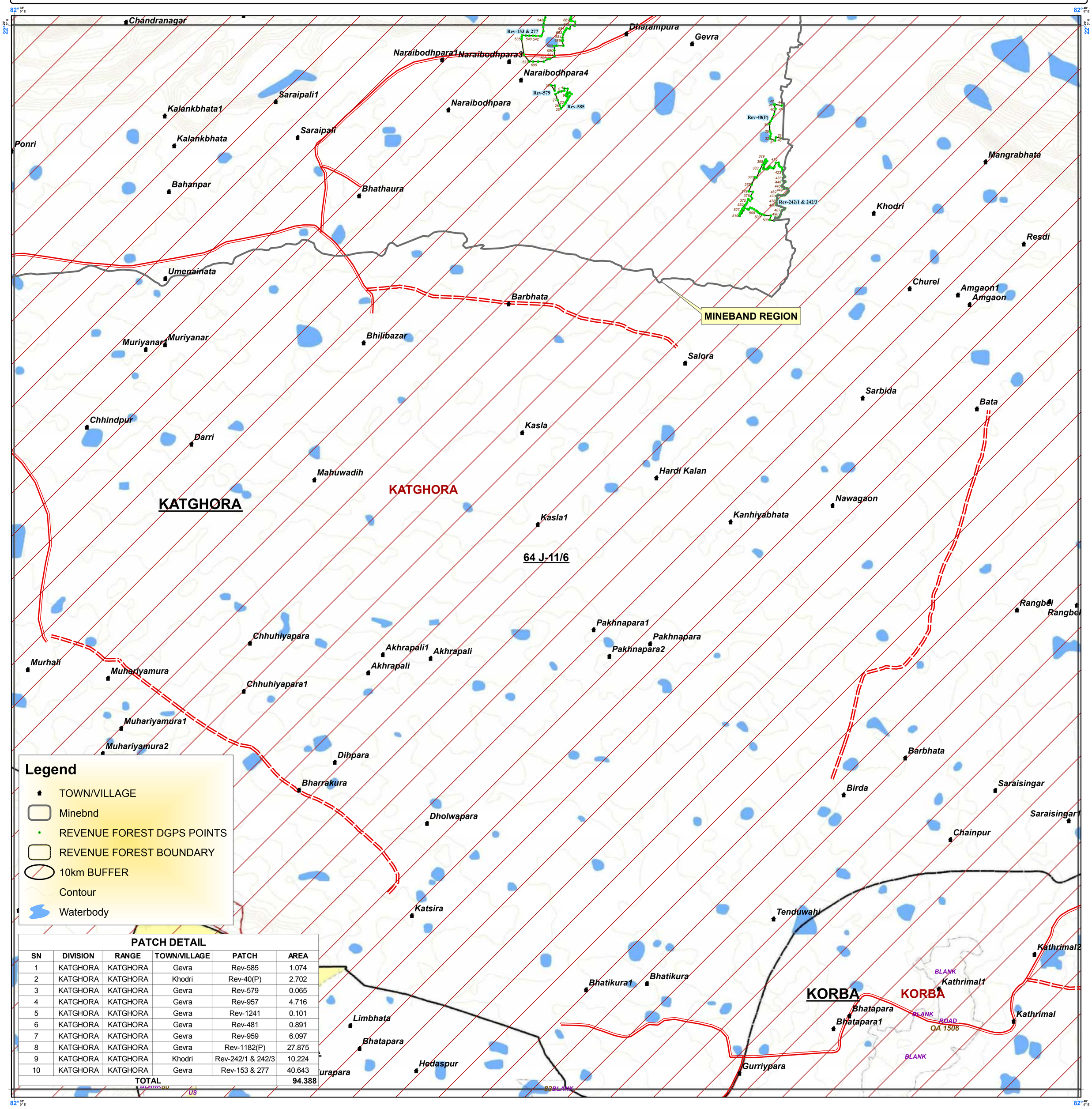
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/6

SCALE - 1:15,000



PATCH DETAIL

SN	DIVISION	RANGE	TOWN/VILLAGE	PATCH	AREA
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2	KATGHORA	KATGHORA	Khodri	Rev-40(P)	2.702
3	KATGHORA	KATGHORA	Gevra	Rev-579	0.065
4	KATGHORA	KATGHORA	Gevra	Rev-957	4.716
5	KATGHORA	KATGHORA	Gevra	Rev-1241	0.101
6	KATGHORA	KATGHORA	Gevra	Rev-481	0.891
7	KATGHORA	KATGHORA	Gevra	Rev-959	6.097
8	KATGHORA	KATGHORA	Gevra	Rev-1182(P)	27.875
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10	KATGHORA	KATGHORA	Gevra	Rev-153 & 277	40.643
TOTAL					94.388

MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-11/2	64 J-11/5	64 J-11/8
64 J-11/3	64 J-11/6	64 J-11/9
64 J-12/1	64 J-12/4	64 J-12/7

निर्यात के लिये नहीं
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MAP SUBJECT:
STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:15,000

CoOrdinates/Projection System used :

Prepared by

Stock Mapping by

COORDINATE SYSTEM OF SHAPEFILE:
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GCS_WGS_1984
Datum: D_WGS_1984
Prime Meridian: Greenwich
Angular Unit: Degree

Data Source (s) :
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2. Natural Fearures are based on Digital SOI Data (Scale 1: 50000)

Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

LEGEND

Forest Class

Under Stocked: US
Blank: Blanks
Encroachment: Encr
Forest Village
Preservation Plot: PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY: I, II, III, IVa, IVb, Va, Vb
SAL FOREST
MIXED FOREST
TEAK FOREST

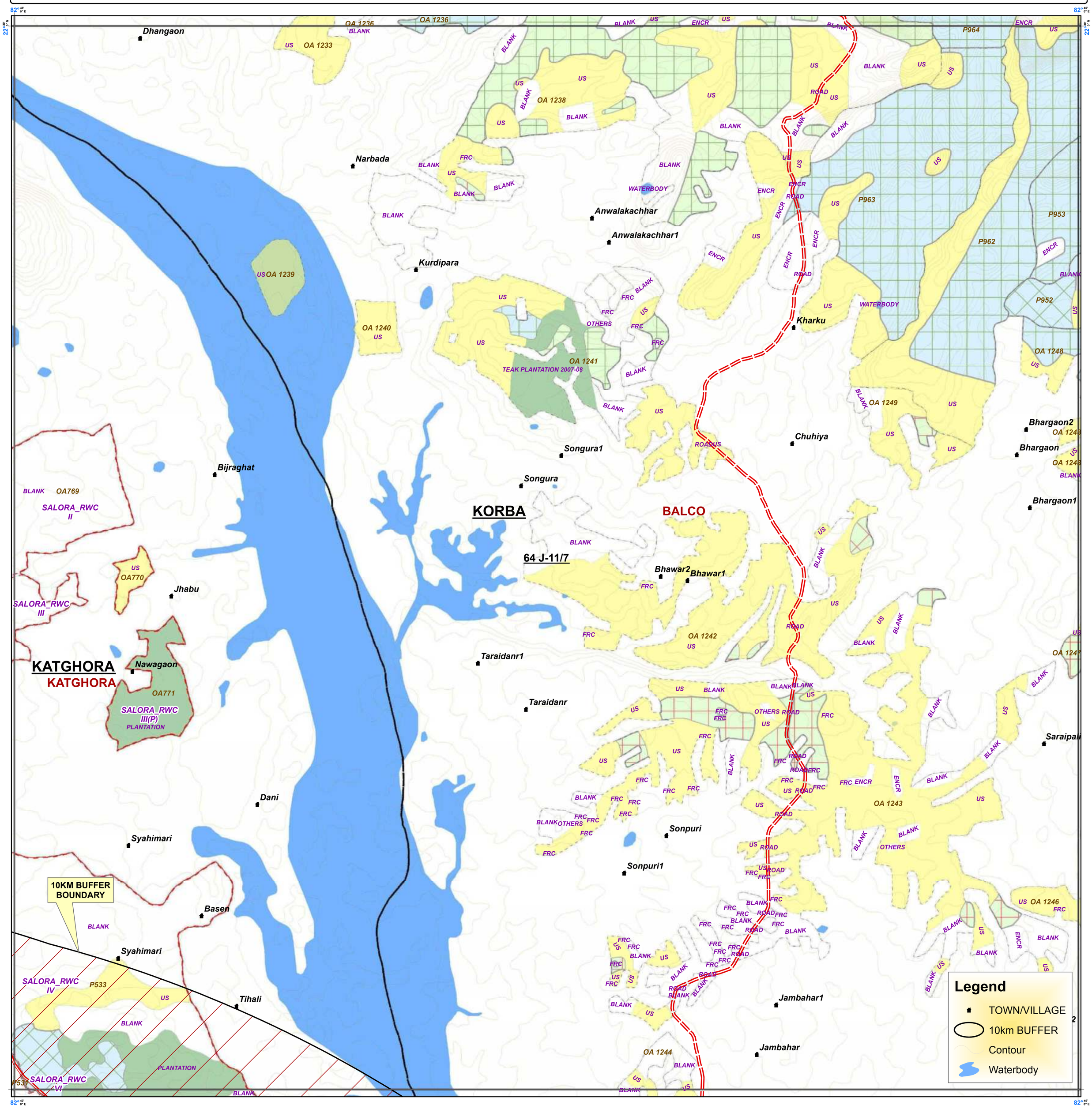
Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12/7

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-10/6	64 J-10/9	64 J-14/3
64 J-11/4	64 J-11/7	64 J-15/1
64 J-11/5	64 J-11/8	64 J-15/2

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

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NOT FOR EXPORT

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SHAPEFILE PROVIDED BY USER AGENCY

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Stock Mapping by	

Data Source (s) :
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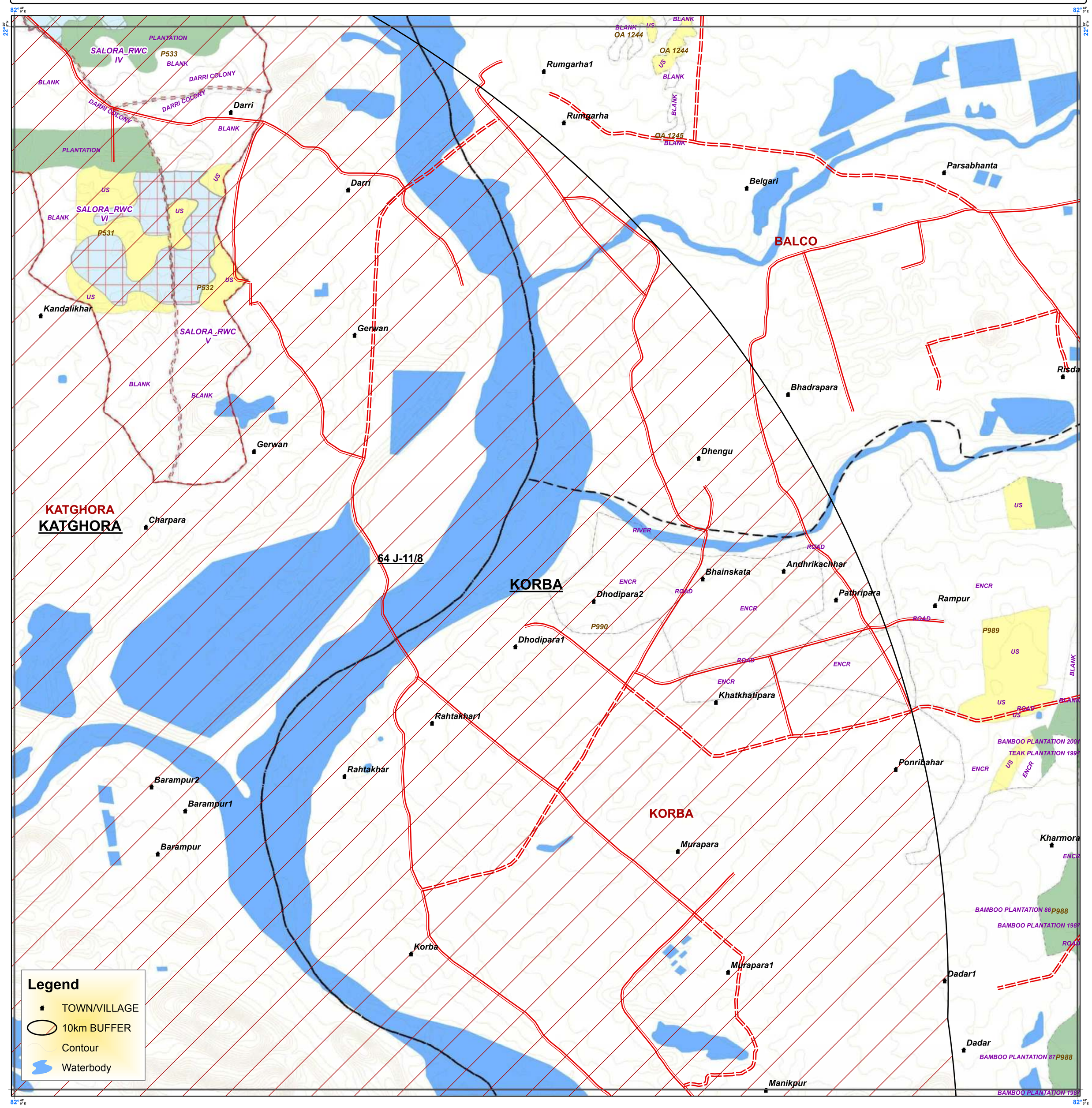
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/8

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-11/4	64 J-11/7	64 J-15/1
64 J-11/5	64 J-11/8	64 J-15/2
64 J-11/6	64 J-11/9	64 J-15/3

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

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REG NO:

MAP SUBJECT:
STOCK MAP OF PROPOSED FOREST LAND/REVENUE FOREST LAND PATCH OF 94.293ha, TO BE DIVERTED FOR OPEN CAST COAL MINE IN GEVRA AREA OF KATGHORA FOREST DIVISION, IN FAVOR OF S.E.C.L. GEVRA AREA KATGHORA: DIVISION, KORBA: DISTRICT

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:15,000	CoOrdinates/Projection System used :
Prepared by	COORDINATE SYSTEM OF SHAPEFILE: Geographic Coordinate System: GCS_WGS_1984 Datum: D_WGS_1984 Prime Meridian: Greenwich Angular Unit: Degree
Stock Mapping by	

Data Source (s) :
1. Forest Boundaries are based on Stock Map (Scale 1: 15000)
2. Natural Fearures are based on Digital SOI Data (Scale 1: 50000)

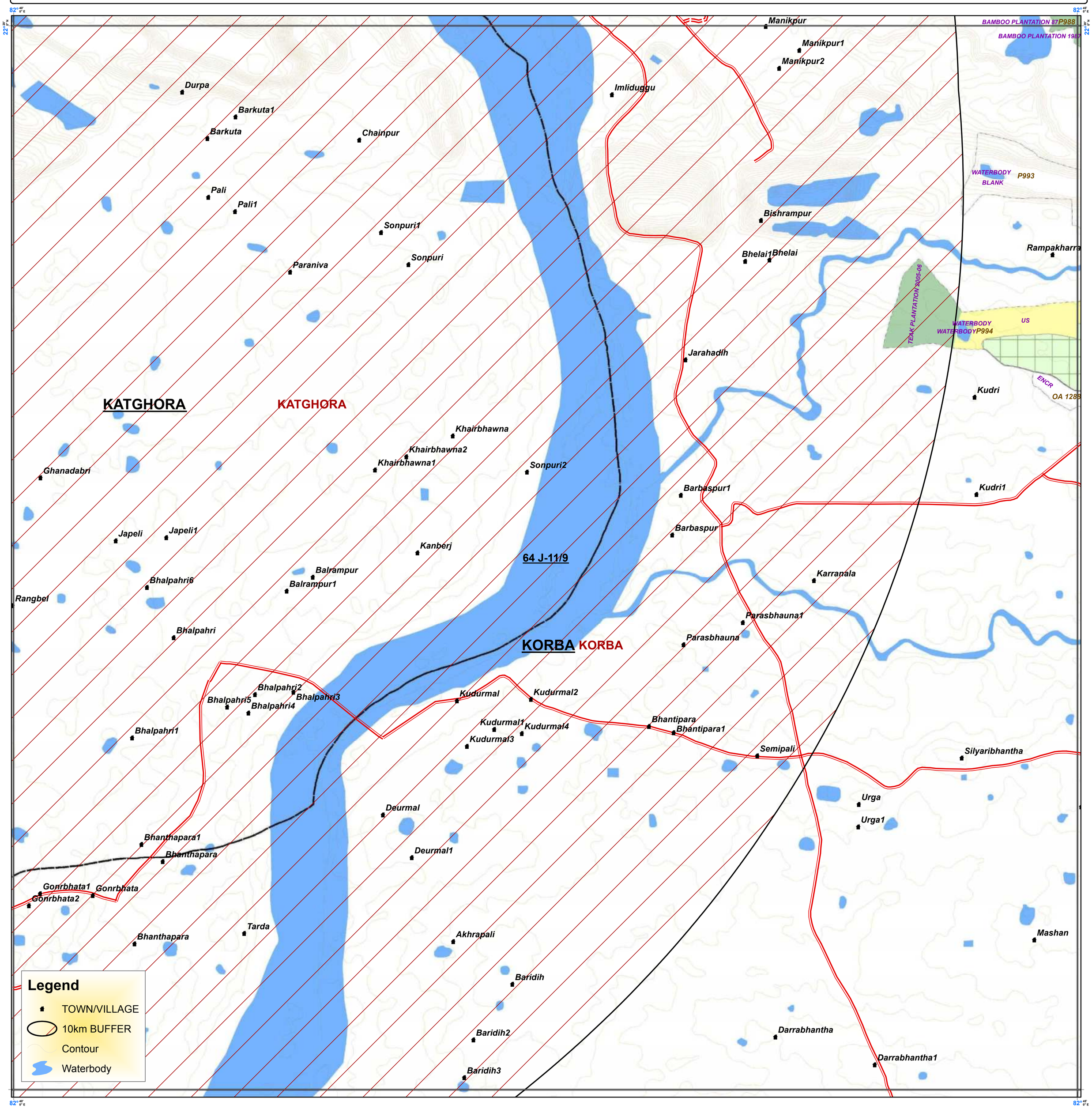
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11/9

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class

Mainly Matured | Mainly Middle | Mainly Young

Working Circle

SCI WC/FS/Coupe
IWC/FS/Coupe
SWC/FS/Coupe
PWC/FS/Coupe
RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

TOPOSHEET INDEX

64 J-11/5	64 J-11/8	64 J-15/2
64 J-11/6	64 J-11/9	64 J-15/3
64 J-12/4	64 J-12/7	64 J-16/1

निर्यात के लिये नहीं
NOT FOR EXPORT

REG NO:

MAP SUBJECT:
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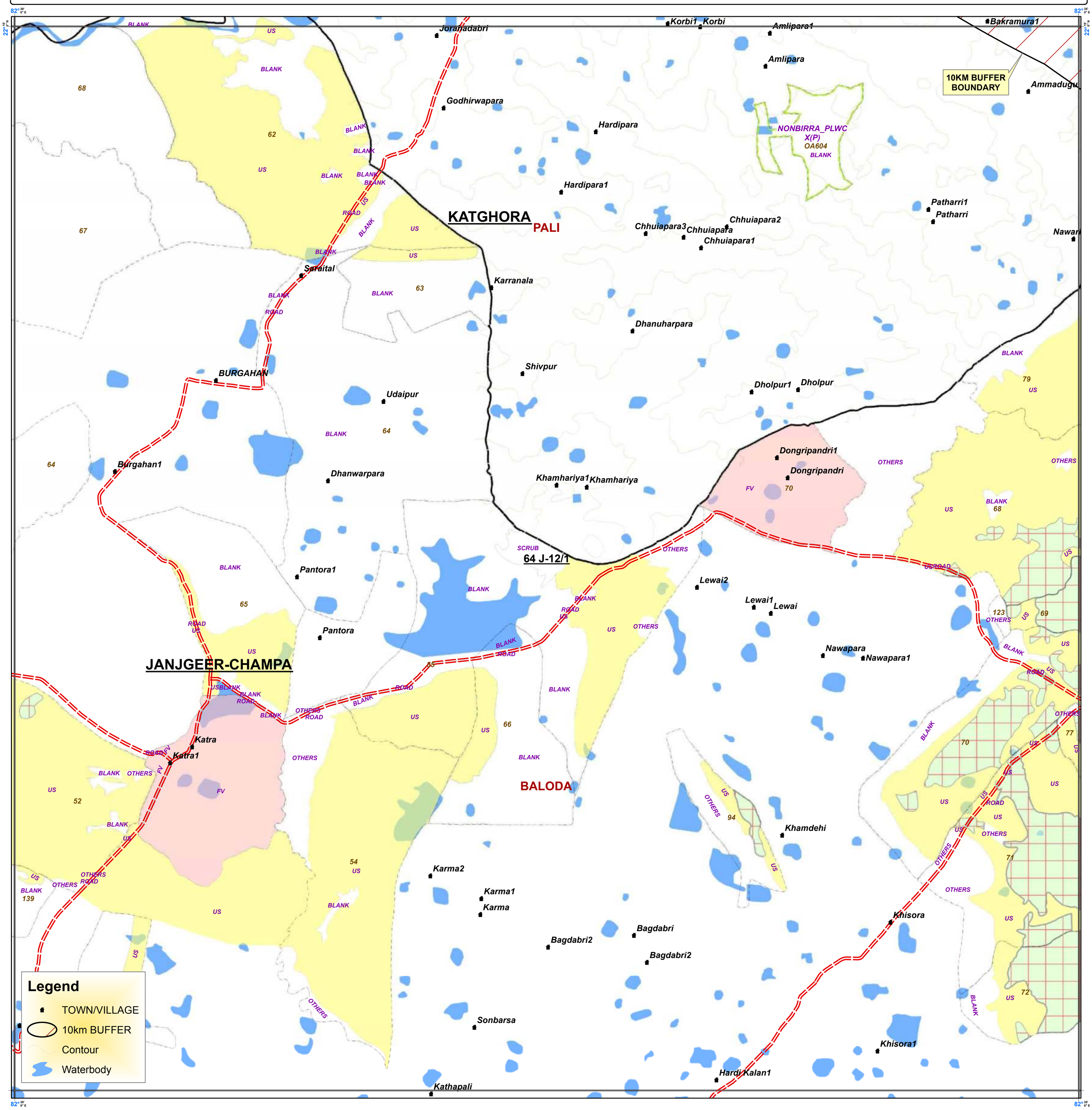
Disclaimer: - The Map provided is subject to inherent discrepancy amongst layers associated with incompatibility between different platforms of reference (L.C.C., W.G.S. 84 etc.) and probable human error angle in digitization. The user agency is advised to use the feature of map subject to prior authentication & supervision by the authorized person of the concerned forest division. The GEOMATIC CENTER BILASPUR shall not be responsible for any complications (legal or otherwise), arising out of this map.

STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12/1

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-7/9	64 J-11/3	64 J-11/6
64 J-8/7	64 J-12/1	64 J-12/4
64 J-8/8	64 J-12/2	64 J-12/5

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

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SCALE 1:15,000

CoOrdinates/Projection System used :

Prepared by

Stock Mapping by

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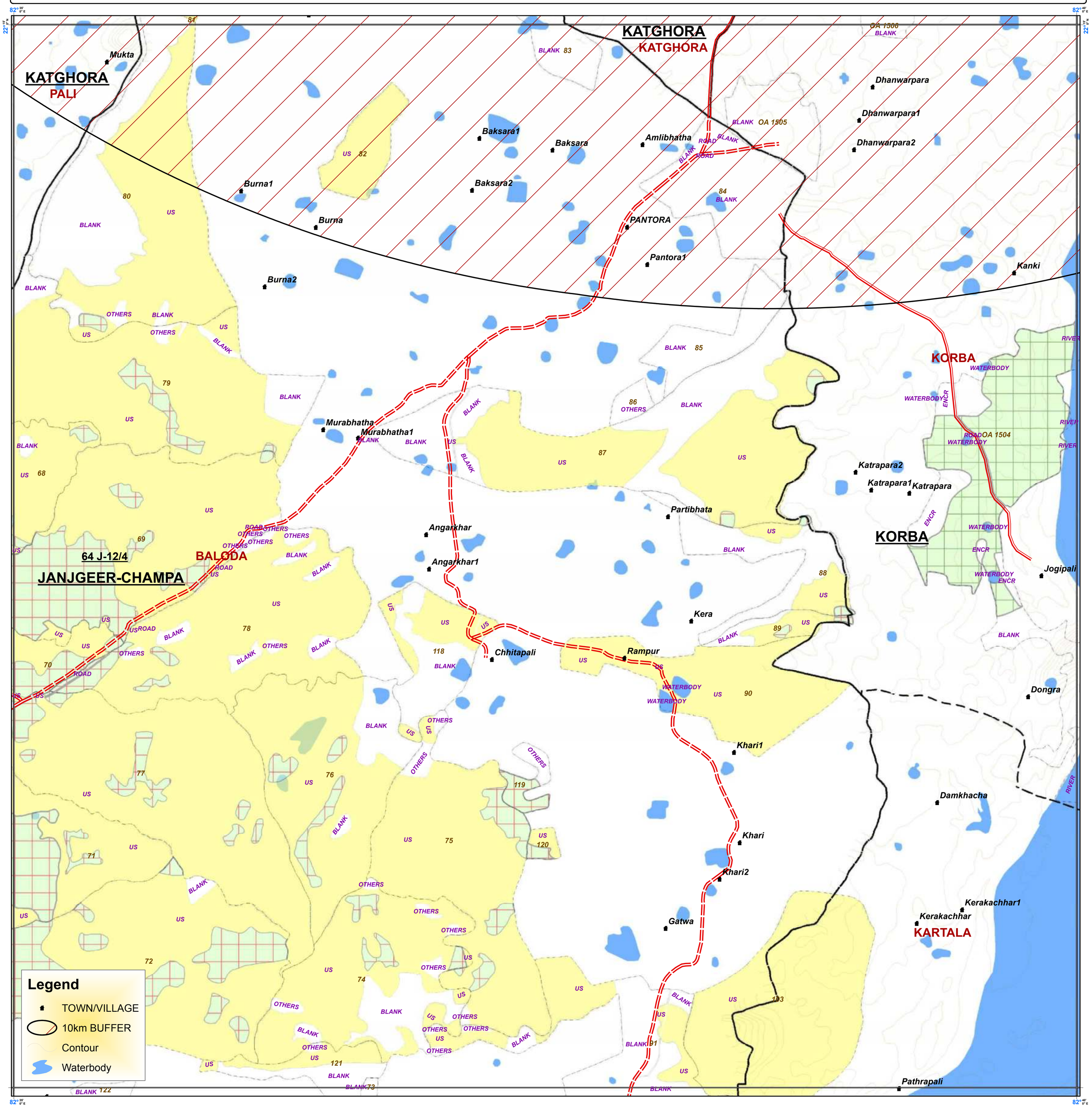
STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12/4

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class

Mainly Matured | Mainly Middle | Mainly Young

Working Circle

SCI WC/FS/Coupe
IWC/FS/Coupe
SWC/FS/Coupe
PWC/FS/Coupe
RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

TOPOSHEET INDEX

64 J-11/3	64 J-11/6	64 J-11/9
64 J-12/1	64 J-12/4	64 J-12/7
64 J-12/2	64 J-12/5	64 J-12/8

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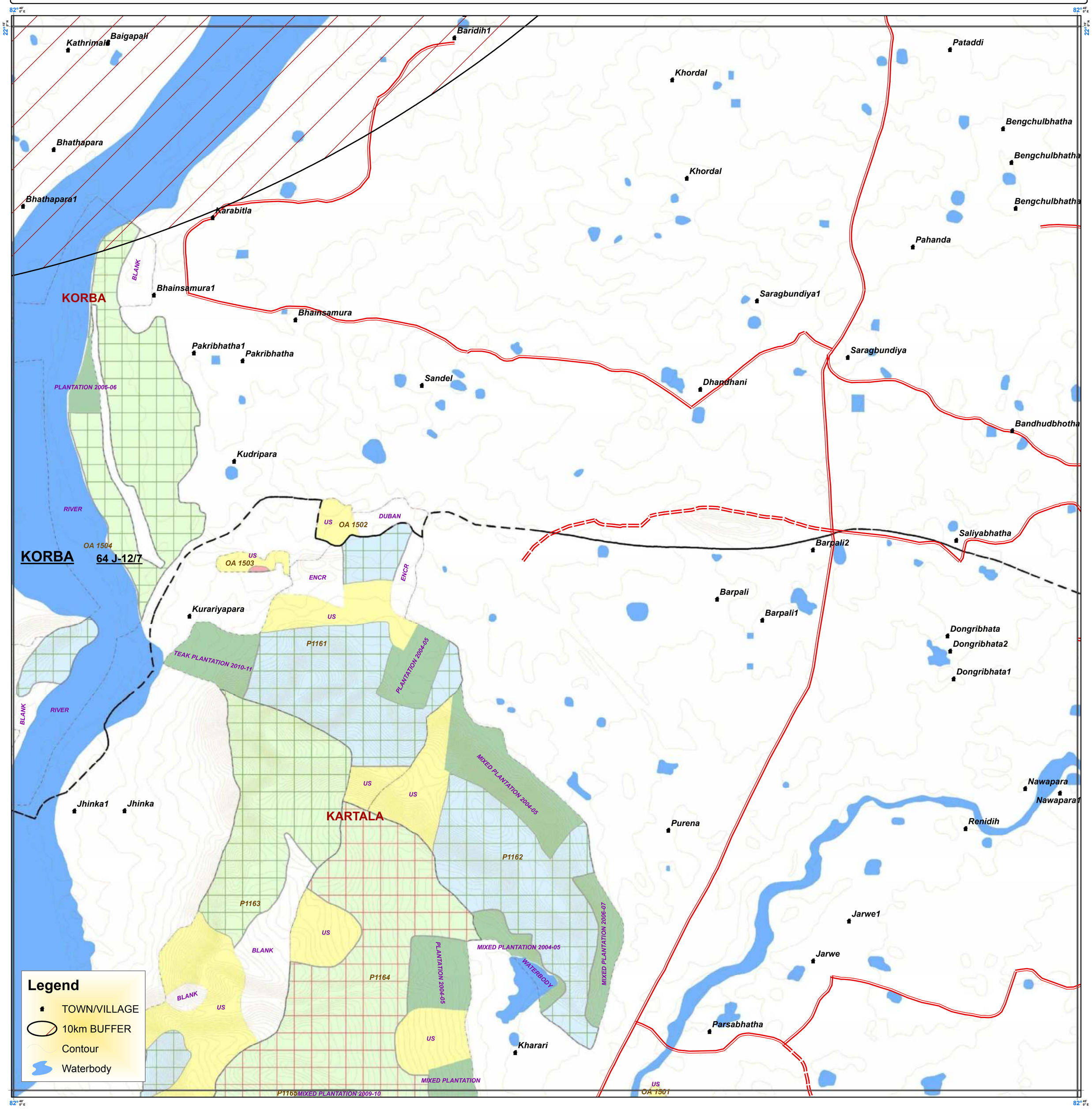
STOCK MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12/7

SCALE - 1:15,000



MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64 J-11/6	64 J-11/9	64 J-15/3
64 J-12/4	64 J-12/7	64 J-16/1
64 J-12/5	64 J-12/8	64 J-16/2

LEGEND

Forest Class

Under Stocked	Blank	Encroachment	Forest Village	Preservation Plot
US	Blanks	Encr		PP

Forest Age Class: Mainly Matured, Mainly Middle, Mainly Young

Working Circle: SCI WC/FS/Coupe, IWC/FS/Coupe, SWC/FS/Coupe, PWC/FS/Coupe, RWC/FS/Coupe

SITE QUALITY	I	II	III	IVa	IVb	Va	Vb
SAL FOREST							
MIXED FOREST							
TEAK FOREST							

Govt. Forest Boundary
Compartment
Division Boundary
Range Boundary
Forest Road
PWD. Road

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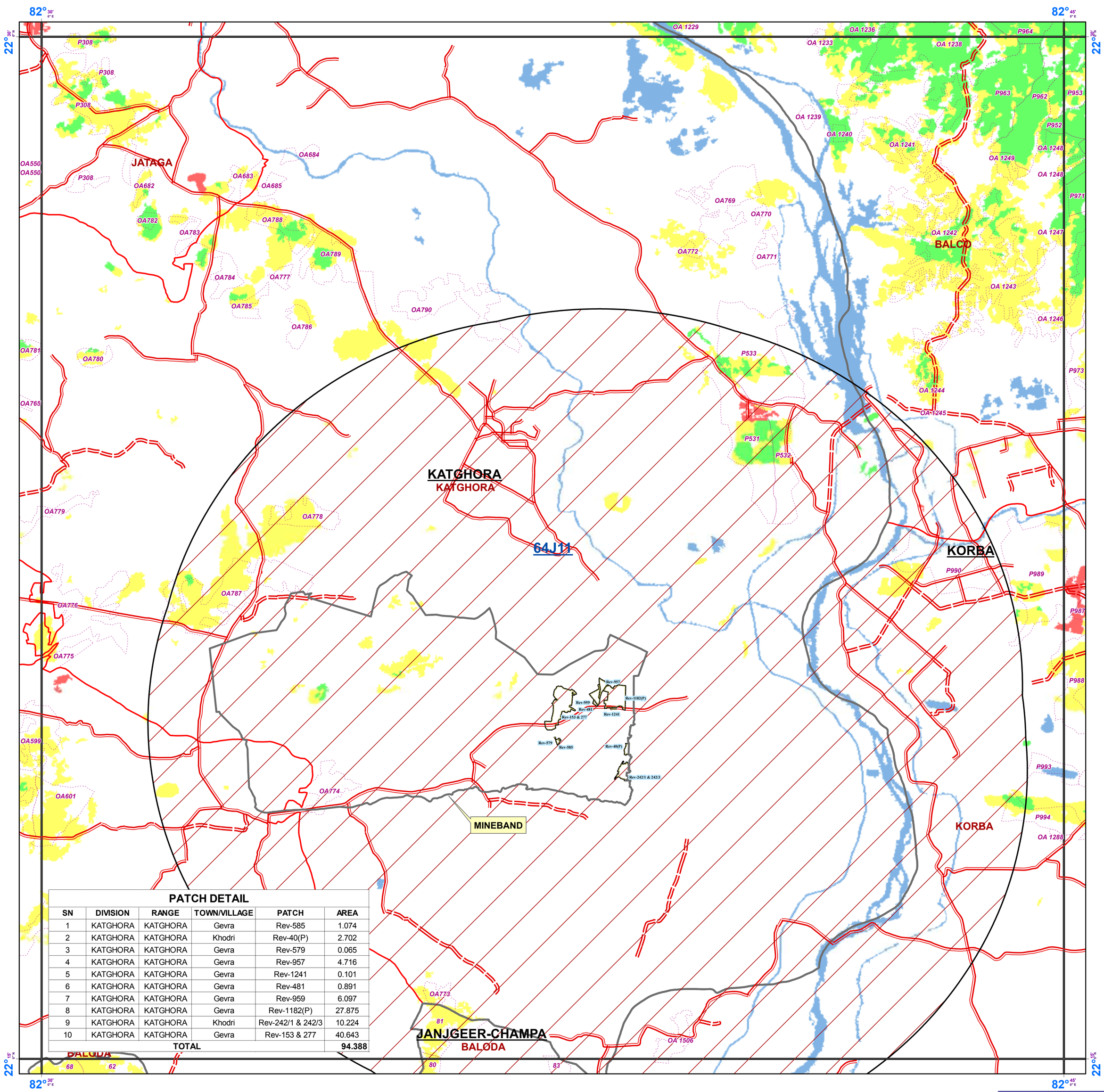
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR

FOREST COVER MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 11 **SCALE - 1:50,000**



PATCH DETAIL

SN	DIVISION	RANGE	TOWN/VILLAGE	PATCH	AREA
1	KATGHORA	KATGHORA	Gevra	Rev-585	1.074
2	KATGHORA	KATGHORA	Khodri	Rev-40(P)	2.702
3	KATGHORA	KATGHORA	Gevra	Rev-579	0.065
4	KATGHORA	KATGHORA	Gevra	Rev-957	4.716
5	KATGHORA	KATGHORA	Gevra	Rev-1241	0.101
6	KATGHORA	KATGHORA	Gevra	Rev-481	0.891
7	KATGHORA	KATGHORA	Gevra	Rev-959	6.097
8	KATGHORA	KATGHORA	Gevra	Rev-1182(P)	27.875
9	KATGHORA	KATGHORA	Khodri	Rev-242/1 & 242/3	10.224
10	KATGHORA	KATGHORA	Gevra	Rev-153 & 277	40.643
TOTAL					94.388

निर्यात के लिये नहीं
NOT FOR EXPORT

Legend

- Minebnd
- REVENUE FOREST BOUNDARY
- 10km BUFFER
- Division_Boundary
- Range_Boundary
- Compartment_Boundary

RD_TYPE

- Metalled Road
- Unmetalled Road

Vegetation

- Moderately Dense Forest
- Non-Forest
- Open Forest
- Scrub
- Very Dense Forest
- Water

MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64J6	64J10	64J14
64J7	64J11	64J15
64J8	64J12	64J16

N
W E
S
1:50,000

NOTE:-
*** Forest Cover based on Digital Interpretation of Data Period 2014-15 IRS P6-LISS-III 23.5 m, IRS-Resourcesat 2 FSI Report 2015.**

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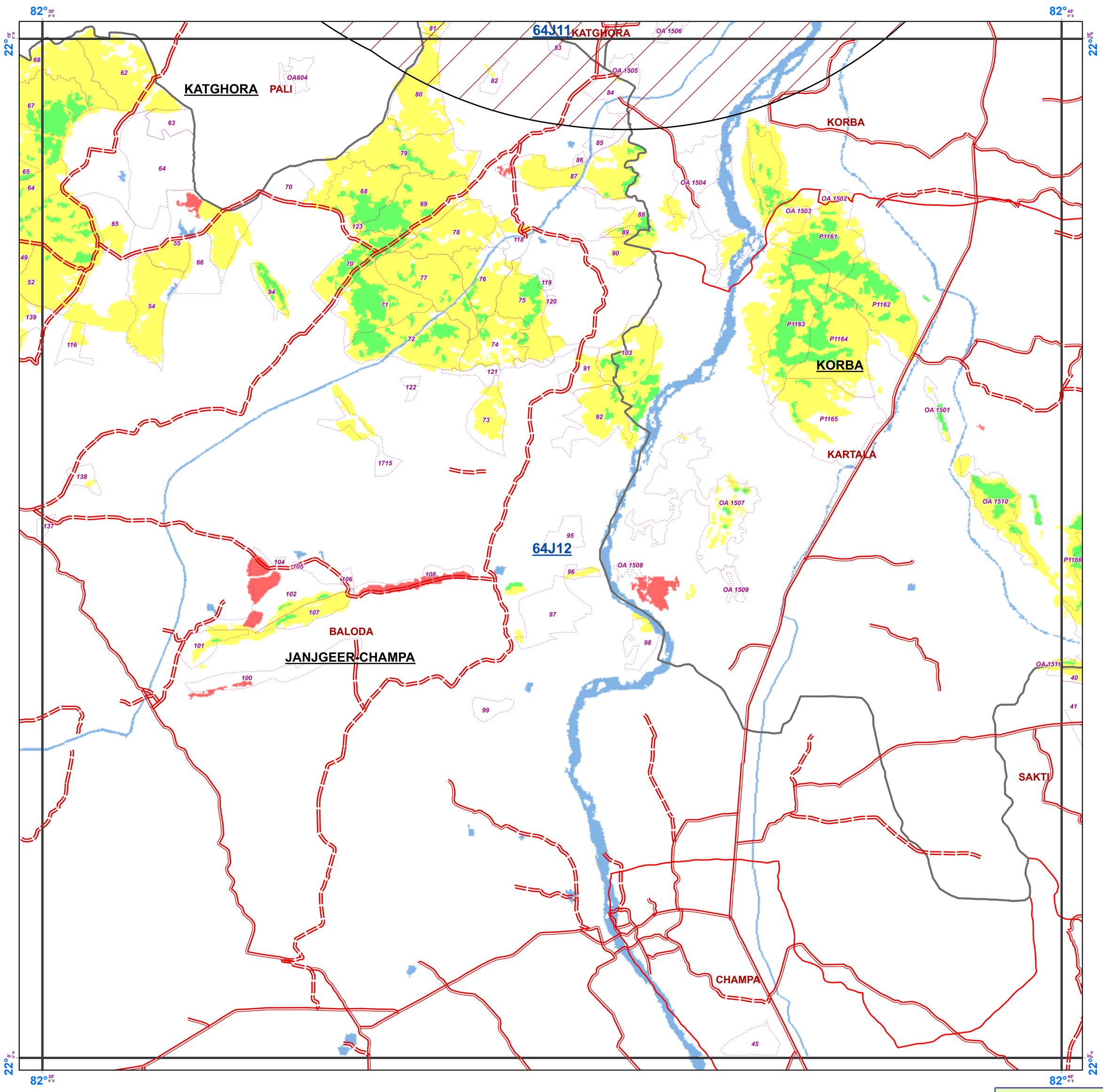
FOREST COVER MAP

(OF PROPOSED FOREST LAND/REVENUE FOREST LAND DIVERSION FOR OPEN CAST COAL MINE IN GEVRA AREA SECL, KORBA)

TOPOSHEET NO. 64-J 12 **SCALE - 1:50,000**



निर्यात के लिये नहीं
NOT FOR EXPORT

Legend

- REVENUE FOREST BOUNDARY
- 10km BUFFER
- Division_Boundary
- Range_Boundary
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RD_TYPE

- Metalled Road
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Vegetation

- Moderately Dense Forest
- Non-Forest
- Open Forest
- Scrub
- Very Dense Forest
- Water

MAP PREPARED FOR S.E.C.L. GEVRA AREA, KORBA DIST

TOPOSHEET INDEX

64J7	64J11	64J15
64J8	64J12	64J16
64K5	64K9	64K13

N
W E
S
1:50,000

NOTE:-
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चेक लिस्ट – 7

प्रपत्र–4 में प्रस्ताव

FORM-IV

Form for seeking the prior approval under section 2 of proposal by the state Government and other authority.

	S.NO.	Project Details	
1	i	Short narrative of the proposal and project/scheme for which the forest and in required	The Proposed Land is for Expansion of Gevra Project for capacity enhancement from 52.5 MTY to 70 MTY.
	ii	Map showing the required forest area boundary of adjoining forest and item wise breakup of the required forest area for different purpose. (to be authenticated by an officer not below the rank of Deputy Conservator of forest.	Attached
	iii	Total Cost of Project	Rs. 1181640 Lakhs
	iv	Justification for location of the project and the forest area giving alternatives. Examined and reasons for their rejection	Due to requirement of Power as well as Coal for National Growth. this expansion Project is likely to meet the enhanced coal demand of our country.
	V	Financial and social benefits	Economic and social benefits due to generation of employments as well as C.S.R. Activity of the adjacent area.
	VI	Employment generated	Employment likely to be generated is 4391 nos.
2		Location of the project Scheme	It is expansion of existing project which is under Katghora division, Pali Sub Division of Korba district
	I	State/Union Trerritory	Chhattisgarh
	II	District	Korba
	III	Forest Division forest Block Compartment etc.	Katghora Division
3		Item wise breakup of the total land required for the project/Scheme along with its.	Gevra (81.38 Ha.) Khodri (12.913 Ha.)
4		Details of Forest land involved	94.293 Ha.
	I	Legal status of the forest namely, reserve, projected/un	Revenue Forest
	II	Details of flora and fauna existing in the area	-
	III	Density of vegetation	Non Forest
	IV	Species-wise and diameter class wise abstract of trees. Vulnerability of the forest area to erosion, whether it forms a part of a seriously eroded area of	Attached
	V	Vulnerability of the forest area to erosion,	No.

		whether it forms a part of a seriously eroded area of no	
	VI	Whether it forms a part of National, Park, Wildlife Sanctuary nature reserve biosphere reserve etc. and if so involved (specific comment of the Chief Wildlife Warden to be annexed)	No
	VII	Item wise breakup of the forest land required for the project/scheme for different purposes	It is for expansion of Mining activity Mining Quarry: 94.168 Ha. Mine Infrastructure: 0.125 Ha.
	VIII	Rare endangered species of flora and fauna found in the area	No.
	IX	Whether it is habitat for immigrating fauna of forms a breeding ground for them	No.
	X	Any other significance of the area relevant the proposal	No.
5		Details of department people due to the project	
	I	Total No of families involved in displacement	2046
	II	Number of scheduled caste/scheduled Tribal families involved is displacement	No. of Schedule Caste: 251 No. of Schedule tribes: 706
	III	Details of rehabilitation plan	Attached
6		Details of compensatory afforestation scheme	
	I	Details of Non forest area/degraded	Gariyaband (3, 5, 160, 161 & 232): 132 Ha. Identified, remaining 68 Ha. yet to be identified.
	II	Forest area identified for Not applicable compensatory afforestion its distance from adjoining number of patches size of each patches.	Not applicable
	III	Map showing non forest/degraded forest	Not yet received
	IV	Area identified compensatory afforestation and adjoining forest boundaries	Not applicable
	V	Detailed compensatory afforestation Attached scheme including species to be planted implementation agency time schedule cost structure etc.	Not yet received
	VI	total financial outlay the compensatory afforestation scheme	Not yet received
	VII	Certificates from competent authority regarding suitability of area indentified for compensatory afforestation and form management point of view (to be signed by an officer not below the rank of Deputy Conservation of forest)	Not yet received
7		Details regarding Transmission Lines	Not applicable
	I	Total length of Transmission line	Not applicable
	II	length passing through forest area	Not applicable

	III	right of way	Not applicable
	IV	no fo towers erected	Not applicable
	V	Number of towers to be erected in forest area.	Not applicable
	VI	Height of transmission tower	Not applicable
8		Details if Irrigation Hydal applicable (Only for irrigation/hydel Project)	Not applicable
	I	Total catchment aera	Not applicable
	II	Total catchment aera	Not applicable
	III	Full reservoir level	Not applicable
	IV	High Flood level	Not applicable
	V	Minimum Drawal level	Not applicable
	VI	Break up aera falling in catchment area of the project. Forest land cultivation land pasture land human cultivation	Not applicable
	VII	Aera of submergence at hight flood leave	Not applicable
	VIII	Area of submergence at gull reservoir level	Not applicable
	IX	Area if submergence at 2 metre below full reservoir level	Not applicable
	X	Area of submergence at 4m below full reservoir level (for medium and major project only)	Not applicable
	XI	Area of submergence at high	Not applicable
	XII	Area of submergence at high	Not applicable
	XIII	Area of submergence at 2 meter.	Not applicable
	XIV	area of submergence at 4m below full reservoir level (for medium and major project only)	Not applicable
	XV	Area of submergence at minimum a withdrawal level	Not applicable
	XVI	Detailed catchment outlay and details regarding availability of funds for catchment area treatment plant.	Not applicable
9		Details regarding Road/Railway line (only for road/railway line proposal)	Not applicable
	I	Length and Width of the strips of forest area required	Not applicable
	II	Total length of Road	Not applicable
	III	Length of road already constructed	Not applicable
	IV	Length of the road passing through the forest.	Not applicable
10		Details regarding mining proposal (Only for mining proposal)	94.293 Ha.
	I	Total mining lease area and forest	1110.705 Ha. of forest land in total mining lease area of 4781.798 Ha.
	II	Period of mining lease proposed	17
	III	Estimate reserve of each	Non forest -872.88 M/T Forest land -258.11 M/T
	IV	Annual estimated production of	70 M/T per Year

V	Nature of mining operation (Open)	Opencast
VI	Phase reclamation plan	Attached
VII	Gradient of the area where mining	-
VIII	Copy of the case Deed (to be	Not applicable
IX	Number of labour to be employed	Temporary Employment: 500
	Area of Forest land required for	94.293 Ha.
a	Mining	94.168 Ha.
b	Storing mineral /ore	NIL
c	Dumping of overburden	NIL
d	Storing tools and machinery	NIL
e	Construction of building power	NIL
f	Township/housing colony	NIL
g	Mine Infrastructure	0.125 Ha.
h	Full land use plan of forest area	Attached
X	Reasons why any of the activities referred to in (a) to (h). Above under the project which forest land has been asked for cannot be under/located outside froest area	Because coal reserve is within forest area
XI	the extent of damages likely to be Attached caused and the number of trees of affected on account of mining and related activities	Attached
XII	Distance of the mining area from More than 1.00 Km for the boundary of the perennial water course national and forest land. state highway national and state highways national park, sanctuaries and biosphere reserves.	More than 1.00 Km for the boundary of the forest land.
XIII	Producer for stocking of the topsoil for reuse	User Agency: M/S SECL Gevra Project
XIV	Extent of subsidence expected in underground mining operations and its impact on water, forest and other vegetation.	Not applicable
11	Cost benefit analysis	Total benefit of the project 35739.46645 Crores over a cost of project 11859.56 Crores
12	Whether clearance form/Yes environmental angle is required (Yes/No) If yes whether requisite details Yes/No)	Yes
13	Whether clearance form Yes environmental angle is required (Yes/No) If yes whether requisite details for the same have vein funished (Yes/No)	Yes
14	Whether any work in violation of the No act has been carried out (Yes/No)	No
I	Details of the same including date of commencement	Not applicable
II	Officers responsible for violation of the act	Not applicable

	III	Action taken against erring	Not applicable
	IV	Whether work in violation of the act in still in progress	Not applicable
15		Any other information	NIL
16		the forest department concerned covering the following aspect namely	
	I	Outruns of timber fuel wood and other Sufficient forest product from the forest land involved	Sufficient
	II	Whether the district is self sufficient in timber and	Sufficient
	III	the effect of the proposal on	Mining Proposal
	a	firewood supply to rural	Sufficient
	b	Economic and livelihood of the tribal and back ward communities	Not applicable
		Specific recommendation of the Chief Conservator of forest/Head of the forest department for acceptance or otherwise of the	

Certificate that all other alternatives for the purpose have been explored and other demand for the required area is the minimum demand for forest land.

29/10/22
महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

नोडल ऑफिसर (एन्वायरमेन्ट/वन)
Nodal Officer (ENV/Forest)
SECL/Gevra Area
एस.ई.सी.एल./गेवरा क्षेत्र

चेक लिस्ट – 8

प्रोजेक्ट पर विस्तृत टीप

Coal India Limited
A MAHARATNA COMPANY
Registered Office:- Coal Bhawan, Core-2, 3rd Floor,
Premises No.04 MAR, Plot No.AF-III,
Action Area-1A, New Town, Rajarhat, Kolkata 700156.
PHONE: 033 - 23246526, FAX:033 - 23246510
Email – mviswanathan2.cil@coalindia.in
WEBSITE: www.coalindia.in
CIN – L23109WB1973GOI028844

Ref. No.CIL:XI (D):04112:2016: 13148 . Dated 30th March'2016

To
GM(PMD),
Coal India Limited,
Coal Bhawan, Plot No.AF-III, Action Area-1A,
New Town, Rajarhat, Kolkata 700156.

Sub: Minutes of 325th CIL Board Meeting held on 5th March'2016.

Dear Sir,

Reproduced below is the relevant extracts from the minutes of 325th meeting of Board of Directors of Coal India Limited held on 5th March'2016 at CIL(HQs), Kolkata with regard to the following item:-

"ITEM No.325: 4(I)

Sub:- Project Report of Gevra Expansion OCP (from 35 Mty to 70 Mty), SECL

Director (Technical) apprised the Board that this project was recommended by ESC of CIL board for evaluation in its meeting held on 10th Feb.'16. He also apprised the salient features of the Project Report. This project would be the biggest coal mine project in India and the estimated life would be around 22 years. The average stripping ratio is 1.62 Cum./Te and the entire OB will be dumped internally with a maximum height upto 90 Mtrs above ground level. Development of East-West Rail Corridor is the critical activity for the project. The calender programme for excavation and dispatch of coal from the proposed Gevra Expansion had been planned matching with the implementation of East-West Rail Corridor Rail Project.

The Board also deliberated funding of highly profitable project and opined that company should avail loan for financing the project which will give better financial leverage. Board advised a concept paper be placed for its review for financing the project.

It was also apprised to the Board that the project was financially evaluated by M/s. Pricewaterhouse Coopers Pvt. Ltd. who had recommended the project is financially viable. However, they have opined that project is sensitive to capacity utilisation, selling price and increase in capital. The IRR at 85% capacity for Option-II i.e. coal contractual and OB removal by departmental comes to 28.45%.

In view of the above and as recommended by ESC of CIL Board, Board accorded its approval for Project Report of Gevra OCF for a rated capacity of 70 MTY at an estimated capital investment of Rs.9943.55 crores (Rupees Nine thousand nine hundred forty three crores and fifty five lakhs) for implementation by Option-II partial outsourcing i.e. coal by out-sourcing and OB by departmental means as brought out in the agenda note."

This is for your information and taking necessary action please.

Yours faithfully,

(M. Viswanathan),
Company Secretary

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PROJECT REPORT

FOR

GEVRA OC EXPANSION (35.0-70.0MTY)

GEVRA AREA

SOUTH EASTERN COALFIELDS LIMITED
(A Mini Ratna Company)

JUNE 2015

REGIONAL INSTITUTE - V
CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED
A Mini Ratna & ISO 9001 Company
(A Subsidiary of Coal India Limited)
SECL COMPLEX, SEEPAT ROAD
BILASPUR - (C.G.) 495006

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

SUMMARISED DATA

PROJECT REPORT FOR GEVRA OC EXPANSION PROJECT (35.0-70.0 Mty)

SUMMARISED DATA

Sl. No.	Particulars	Unit	Value
A.	GENERAL		
1	Name of Project		Gevra OC Exp. (35.0 – 70.0 Mty)
2	Name of Area / Company / State		Gevra Area/SECL/C.G.
3	Nearest Railway Station from project	Name km	Gevra Road, 10Km.
4	Nearest National / State Highway / Approach road	Name km	Bilaspur- Ambikapur Road 25Km.
B.	GEOLOGICAL		
1	Name of geological blocks considered	Name	Gevra, Ponri, Naraibodh I, Naraibodh II, Hardi
2	Area of the geological blocks	sq. km	38.87
3	Borehole Density within blocks	BHs / sq.km	14.00
C.	TECHNICAL		
1	Area of the proposed mine boundary	Ha	2635.35
2	Borehole density within mine area	BHs/sq. km	14.00
3	Mine parameters Extent along strike (min.-max.) Extent along dip (min.-max.)	 km km	 9.05-9.18 3.00-3.20

4) Description of Coal seams along with Partings, Geological Reserves and Mineable Reserves:

Coal Seam / Parting	Thickness Range (m)		Geological Reserves(In Mm^3) within PR boundary as on 1/04/2014	Mineable Reserves (In MT)/Parting(In Mm^3) within PR boundary as on 1/04/2014	Inseam band (In Mm^3) within PR boundary as on 1/04/2014
	Min.	Max.			
TOP OB				594.91	
C	0.90	4.34	1.64	0.96	0.04
Parting	9.96	20.46		4.59	
DT	0.70	7.97	9.67	7.52	0.04
Parting	2.07	12.55		14.97	

Coal Seam / Parting	Thickness Range (m)		Geological Reserves(In Mm^3) within PR boundary as on 1/04/2014	Mineable Reserves (In MT)/Parting(In Mm^3) within PR boundary as on 1/04/2014	Inseam band (In Mm^3) within PR boundary as on 1/04/2014
	Min.	Max.			
DB	5.31	25.02	58.86	46.68	1.31
Parting	60.12	90.05		102.67	
EF	2.95	19.95	101.43	80.27	4.82
Parting with DB	63.64	78.69		100.54	
E	0.90	13.60	33.06	21.63	0.32
Parting	2.42	7.08		8.69	
F	1.53	6.30	8.49	5.76	0.22
Parting with EF	24.98	83.81		366.10	
Parting with F	55.35	93.70			
UK	23.33	36.65	455.42	327.21	17.18
Parting with EF	24.75	59.10		16.17	
UTM	11.60	17.95	11.68	9.29	0.71
Parting with EF	8.11	37.70		31.58	
Parting with F	15.20	23.10			
UT	0.69	5.85	11.32	8.35	0.17
Parting	3.15	29.84		18.08	
UMB	19.00	31.76	37.29	29.85	5.54
Parting with UT	5.81	32.29		5.95	
UM1	1.85	3.75	2.85	1.26	0.09
Parting	3.10	21.60		2.04	
UM2	1.17	4.55	3.28	1.27	0.12
Parting with UM2	2.90	17.85		5.57	
Parting with UTM	3.43	13.10			
UB	7.27	17.25	19.18	10.90	1.14
Parting with UK	39.80	87.25		404.61	
LK	43.78	70.34	729.14	474.11	19.23
Parting with UK	45.14	94.00		230.70	

Coal Seam / Parting	Thickness Range (m)		Geological Reserves(In Mm^3) within PR boundary as on 1/04/2014	Mineable Reserves (In MT)/Parting(In Mm^3) within PR boundary as on 1/04/2014	Inseam band (In Mm^3) within PR boundary as on 1/04/2014
	Min.	Max.			
Parting with UMB	39.70	53.40			
Parting with UB	36.05	70.25			
LKT	27.85	43.73	243.12	174.89	3.80
Parting with UK	23.31	60.19		82.38	
Parting with UMB	15.18	63.55			
Parting with UB	10.18	55.64			
LT1	12.78	29.08	75.14	48.54	2.48
Parting with LT1	3.30	22.73		14.55	
LT2	6.49	17.86	45.33	29.49	0.83
Parting with LKT	3.27	38.00		101.86	
Parting with LT2	10.93	40.25			
LKB	3.28	23.19	94.06	59.68	2.60
TOTAL GEOLOGICAL RESERVES(MT)					**1940.98**
TOTAL COAL(MT)					**1337.68**
TOTAL OB(Mm^3)					**2105.95**
TOTAL INSEAM BAND(Mm^3)					**60.66**
TOTAL OB INCLUDING INSEAM BAND(Mm^3)					**2166.61**

5) Production Phasing:-

YEAR	Coal	OB	Inseam Band	Total OB	Stripping ratio(m^3/t)
1	40.00	71.00	1.69	72.69	1.82
2	41.00	71.00	1.67	72.67	1.77
3	41.00	72.00	1.80	73.80	1.80
4	45.00	80.00	2.12	82.12	1.82
5	45.00	80.00	2.82	82.82	1.84
6	65.00	110.00	2.70	112.70	1.73
7	70.00	122.00	3.06	125.06	1.79
8	70.00	122.00	3.53	125.53	1.79
9	70.00	122.00	3.51	125.51	1.79
10	70.00	122.00	3.17	125.17	1.79
11	70.00	122.00	3.09	125.09	1.79
12	70.00	122.00	3.51	125.51	1.79
13	70.00	122.00	3.54	125.54	1.79
14	70.00	122.00	2.82	124.82	1.78
15	70.00	122.00	2.95	124.95	1.79
16	70.00	104.50	3.31	107.81	1.54
17	70.00	104.50	3.16	107.66	1.54
18	70.00	83.00	3.34	86.34	1.23
19	70.00	82.00	2.96	84.96	1.21
20	70.00	82.00	3.18	85.18	1.22
21	50.00	39.30	1.50	40.80	0.82
22	30.68	28.65	1.24	29.89	0.97
Total	**1337.68**	**2105.95**	**60.66**	**2166.61**	1.62

6	Average stripping ratio	Cum/t	1.62
7	Method of mining		Shovel-Dumper In OB & Payloader, Dumper, Surface Miner with Shiftable conveyors in coal
8	Target output -Nominal production capacity (at 100%) -Peak production capacity (at 125%) -Production capacity (at 85%)	 Mt Mt Mt	 70.00 87.50 59.50
9	Year of achieving Target Production (from zero date)		7th Year(Coal) 7th Year(OB)
10	Year of start of Internal Dumping		1st

11	Total Mine Life (at Norm. Prodn. capacity)	Years	22	
	-Pre-construction period	Years	-	
	-Construction period	Years	-	
	-Production build-up period	Years	6	
	-Production period	Years	14	
	-Tapering / mine closure period	Years	2	
12	**Major HEMM Deployed for Coal**		**Option-I (Total Deptt.)**	**Option-II (Partial Hiring)**
	Surface Miner	8.0MT	9	-
	Payloader	10.0cum	25	-
	Wheel Dozer/Dozer	450/410 HP	6	5
	Drill	160 mm	7	7
	Dumper (coal body)	60 T	189	12
	Diesel Hydraulic Backhoe	5cum	-	2
13	**Major HEMM Deployed for OB**		**Option-I (Total Deptt.)**	**Option-II (Partial Hiring)**
	Rope/ Hydraulic shovel	42/15/10 cum	10/7/2	10/7/2
	Dumper	240/150/100T	140/95/20	140/95/20
	Drill	381/250 mm	10/9	10/9
	Dozer / Wheel Dozer	850/450/410 HP	26/08/19	19/06/19
14	Total Manpower	Nos	**Option-I** 5286	**Option-II** 4391
15	Overall Output per manshift (OMS)	Tonnes	46.38	55.57
16	Seam-wise weighted GCV of coal	Kcal/Kg	4338.00	
17	Presence of Major Surface Constraints (nallas, road, power line, etc.)	(type)	Forest land & village	
18	Coal Transport within the mine (In-pit belt conveying system or by Truck)		By trucks and inpit belt conveying system.	
19	Surface Coal Transport to Siding/ Dispatch Point and Mode of Dispatch		By Conveyors to Silo.	
20	Any Railway Siding and distance		Junadih siding, 2.0 km	
21	Name of any Specific Customer/Industry		Power/Miscellaneous	

D.	ENVIRONMENTAL & OTHERS		Option-I	Option-II
1	**Civil Construction**			
	Residential houses	Nos.	4053	3500
	Existing	Nos.	2206	2206
	Additional	Nos.	1850	1294
2	**Water Demand**			
	Colony	MLD	0.760	0.436
	Industrial	MLD	3.330	3.330
3	**Total Land required (Including future mining)**	Ha	7484.307	7474.577
	Government land	Ha	1337.067	1337.067
	Tenancy land	Ha	4808.630	4798.900
	Forest land	Ha	1338.610	1338.610
4	**Land within minetake area (excavation area)(including future mining)**	Ha	4935.150	4935.150
	Government land	Ha	1010.392	1010.392
	Tenancy land	Ha	3203.841	3203.841
	Forest land	Ha	720.917	720.917
5	Land to be acquired outside minetake area (Beyond Excavation Area, such as Approach Road, Infrastructure, Colony, etc.)	Ha	137.037	127.307
6	Land to be acquired for external dumping	Ha	-	-
7	**Net Present Value of Forest Land (Excuding componsatory afforestation)**	₹Lakhs/Ha	10.00	10.00
	Total Area to be acquired	Ha	366.980	366.980
	Total Value	₹.Lakhs	3669.80	3669.80
8	**Habitation & Rehabilitation**			
	No. of villages within mine boundary	Nos	31 villages	31 villages
	No. of land oustees (Notional for Balance land)	Nos	3577	3565

	No. of PAFs to be rehabilitated		7000	7000
9	**Cost of land & Rehabilitation** Total Cost R&R only	₹. crores	596.90 565.04	596.30 564.44
10	Total EMP Capital	₹. crores	866.32	828.33
11	Average annual rainfall	mm	1265	
12	Make of Water	Cum/day	2509483	
13	Total installed pumping capacity	lps	7668	
14	Drainage of the Area		Garland drains joining with Laxman Nallah and further with Ahiran river	
15	Any proposed diversion of road or power line		Diversion of Hardi Bazar to Korba road.	

E.	FINANCIAL		Option-I	Option-II
1	**Total Capital Investment** Existing(Gross Block) Additional Total	₹. Crores	1872.85 11304.26 13177.11	1872.85 9943.55 11816.40
2	Specific Investment	₹. / tonne	1756.40	1562.02
		₹./cum	1084.41	964.40
3	Total Capital Investment on P&M	₹. Crores	8832.27	7535.78
4	Specific Investment on P&M	₹. / tonne	1261.75	1076.54
5	Capital requirement upto target year	₹. crores	10714.16	9546.48
6	Earnings per manshift (EMS)	₹	3190.30	3185.30

E.	FINANCIAL		Option-I	Option-II
7	**Estimated Cost of Production**			
	At 100% production level	₹ / tonne	570.84	566.02
	At 85% production level		651.00	634.00
8	Estimated average selling price (at 95% sales realization)	₹ / tonne	922.00	
	Estimated Profit			
9	At 100% production level	₹ / tonne	351.16	355.98
	At 85% production level		275.42	289.64
	Financial Internal rate of return (FIRR)			
10	At 100% production level	%	37.45	42.16
	At 85% production level		24.68	28.45
	Break-even point			
11	Production	Mty	38.50	35.95
	Production level	%	55.00	51.36
	Cost of Outsourcing			
12	OB	₹/cum	-	-
	Coal	₹/tonne	-	73.00
	Rehandling	₹/cum	-	-
13	Mine Closure Cost	₹/tonne	5.38	5.37
14	Expected Completion Capital	₹. crores	13673.69	12109.27

****

EXECUTIVE SUMMARY

1.1 BACKGROUND OF THE PROJECT REPORT

Gevra OCM is an existing mega opencast mine in the thick seam zone of Korba coalfields with a normative capacity of 35Mty and a peak capacity of 41.0Mty. The mine is under administrative control of Gevra Area of SECL. The Gevra OCM is flanked by another two mega opencast mines i.e. Kusmunda OCM (50Mty) in East and Dipka OCM (25Mty) in West. All these mines are located in the thick seam zone of Korba coalfields.

Project Report for Gevra Opencast Project for an annual capacity of 6.0 Mt of coal was prepared by CMPDI in March 1979. This was to meet the coal requirement of Korba Super Thermal Power Stations (KSTPS) of NTPC (first stage) for 1100 MW, amounting to about 4.25 Mty of coal. The excess capacity was envisaged to meet a part of the demand for expansion of KSTPS by 1000 MW. However, the Government approved the Project Report in December 1979 for an annual capacity of 5 Mt at an estimated capital of Rs.50.08 crores.

Later, after the approval of Gevra Opencast Project, coal clearance was given to NTPC for expansion of the MSTPS by 2 x 500 = 1000 MW. Thus, the total capacity of the power house became 2100 MW and the ultimate annual coal requirement was estimated at about 8 Mt. PR for Gevra Opencast Project (Expansion) was prepared in March 1982 for an annual production of 10.0 Mt, to meet the ultimate requirement of coal of KSTPS and to bridge the general shortfall of coal supply in Western India. The report was approved by Government of India on 18.9.85 for a capital investment of Rs.224.39 crores.

In the year 1992-93, a scheme for Gevra OCM was prepared for augmentation of production by another 2.0 Mty with a proposed capital investment of Rs.39.62 crores. This scheme was sanctioned on 19.9.92 by CIL Board.

The balance reserves as per the scheme (as on 1.4.92) were estimated as 496.31 Mt. The corresponding OBR was estimated as 533.79 Mcum at an average stripping ratio of 1.08 cum/t. The scheme incorporated the additional provision of HEMM for removing the additional volume of overburden. The balance life of the project was estimated as 42 years at the enhanced capacity of 12 Mty). The scheme was declared completed on 31.3.95.

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

A capacity augmentation scheme for Gevra CHP (from 10 Mty to 12 Mty) was also prepared and sanctioned on 31.7.92 for a capital investment of Rs.13.63 crores. **Thus, the total sanctioned capital for Gevra OC (12 Mty) became Rs.277.64 crores (Rs.224.39 cr. + Rs.39.62 cr. + Rs.13.63 cr.).**

The Project report for Gevra O/C Expansion (25 Mty) was prepared by CMPDI and approved by NCL on 12.07.05. The salient features of this sanctioned Project Report (25 Mty) project is as follows.-

- Date of sanction - 12.7.2005
- Mineable reserves(As on 1.04.01) - 778.12 Mt
- Total GDR (As on 1.04.01) - 987.98 Mcum
- Av. Stripping Ratio - 1.27 cum/t
- Target production - 25.00 Mty
- Life - 28 years
- Seams to be worked
  - a) E&F — Thickness range
  - b) Upper Kusmunda (UK) - 6.57 m – 14.57 m
  - c) Lower Kusmunda (LK) - 15.96 m – 30.20 m
  - d) Lower Kusmunda Bottom (LKB) - 27.11 m - 42.65 m
- Gradient - 3.14 m – 8.67 m
- Maximum quarry depth - 1 in 8 - 1 in 12
- Capital cost - 220m
- Manpower - 1667.55 crores
- OMS - 2725 Nos.
- Linkage - 34.75t
- Quality parameters (I-100 samples) - Korba STPS, Bhilai TPS, CSEB

Seam	Quality Parameters			
	M (%)	Ash (%)	UHV (K cal/kg)	Grade (Av.)
E&F	6.6-8.6	22.6-37.4	2803-4677	F to D
Lower Kusmunda (B)	5.7-7.8	24.0-35.4	3145-4428	E
Upper Kusmunda	6.1-7.6	27.6-39.1	2637-4042	E/F
Lower Kusmunda (T)	4.9-7.4	28.3-42.2	[illegible]	E/F

Working group/X Plan document had indicated the demand of non-coking coal for XI Plan as 580 Mt and indigenous supply of non-coking coal from CIL as 445 Mt. The updated production of May 2005 have indicated the demand of non-coking coal for the XI plan as 622 Mt and indigenous supply of non-coking coal from CIL as 508 Mt. Projection of total indigenous supply of non-coking coal as 562.32Mt leaves a gap of 59.68 Mt for which Emergency Coal Production Plan of CIL has been formulated. Gevra Opencast has been identified as one of the project in the Emergency Coal Production Plan of CIL. Thus the Expansion project report(25.0-35.0Mty) for Gevra OC was prepared. The incremental capital estimated for Project Report (25 to 35 Mty) dated October 2006 was Rs.618.16 crores. The updated capital estimated for the approved project was **Rs.1008.12 crores** in the month of September 2009. The salient features of this sanctioned Project Report (25-35 Mty) project is as follows:-

- Date of sanction - 01.06.2010
- Mineable reserves(As on 1.04.06) - 975.00Mt
- Total OBR(As on 1.04.06) - 1266.98 Mcum
- Av. Stripping Ratio - 1.30 cum/t
- Target production - 35.00 Mty
- Life - 29 years
- Seams to be worked — Thickness range
  - a) Composite D - 6.13 -12.26
  - b) E&F - 8.57 m -14.87 m
  - c) Upper Kusmunda (UK) - 15.96 m - 30.20 m
  - d) Lower Kusmunda (LK) - 27.11 m - 42.65 m
  - e) Lower Kusmunda Bottom (LKB) - 3.14 m - 8.67 m
  - f) Lower Kusmunda (Composite) - 55.05 - 57.86
- Gradient - 1 in 6 -1 in 12

As on 1/04/2014 the total coal and OB extracted from the mine since its inception is

- Coal - 589.545Mt OB - 385.59Mm^3

Balance coal and OB within the 35Mty boundary (including Laxman OC Mine boundary) as on 1/04/2014 is

- Coal- 651.93Mt. OB- 1040.29Mm^3

PR for Gevra OC Expansion(25.0 Mty) and Gevra OC Expansion(35.0Mty) may be treated as dovetailed with PR for Gevra OC Expansion Project (35.0-70.0 Mty) for the purpose of implementation. In this PR all the balance activities and financial provisions of PR for Gevra OC Expansion (25.0 Mty) and Gevra OC Expansion (35.0Mty) have been dovetailed.

1.2 EXPLORATION STATUS

The details of drilling in the geological area is as follows :-

Block wise, agency wise drilling details in Gevra, Dipka, Hardi, Ponri, Naraibodh-I & Naraibodh-II combined block, Korba CF.

Block	CMPDI		NCDC		GSI		DGM		MECL	
	BH	Mtr	BH	Mtr.	BH	Mtr.	BH	Mtr.	BH	Mtr.
Gevra	105	11132.00	5	1417.00						
Gevra P/S	31	6002.00								
Dipka	51	6786.00			3	1029.00			3	435.00
Hardi	119	22866.00					4	955.00	2	498.00
Ponri	102	20690.00								
Naraibodh-I	19	3363.00			1	300.00	1	209.00	3	586.00
Naraibodh-II	101	26730.00	1	216.00	2	882.00	1	146.00	7	1615.00
Total	**528**	**99769.00**	**6**	**1633.00**	**6**	**2211.00**	**6**	**1310.00**	**15**	**3134.00**

The density of the borehole in the combined block is about 14 boreholes / sq. km.

1.3 JUSTIFICATION FOR PREPARATION OF PR

There is an appreciable increase in the number of upcoming new thermal power projects in both private and public sectors. This has resulted in a sharp increase in demand for power grade coal. Due to increase in the demand for power grade coal, Gevra OC has been identified as one of the coal mines where production can be enhanced. Moreover, it has been projected that SECL as a whole has to produce about 250Mt in the year 2019-20. As such it was decided to prepare an Expansion Project Report for Gevra OC and the same was included in the Annual Action Plan for the year 2014-15

Salient Features of the Present PR (35.0Mty-70.0Mty), (May, 2015)

Sl. No.	Particulars	Unit	Option-I (Total Departmental)	Option-II (Coal Contractual OB Deptl.)
1	Total Mineable Reserves(As on 1/04/2014)	M Te	1337.68	
2	GCV/Band	Kcal/kg	4338.00/G-10	
3	Volume of OB(including inseam band)(As on 1/04/2014)	M.Cum	2166.61	
4	Stripping Ratio (Av.)	Cum/t	1.62	
5	Target Output	Mt/Yr	70.00	
6	Peak OBR	Mcum/yr.	122.00	
7	Peak OBR(including inseam band)	Mcum/yr.	125.54	
8	Project life	Year	22	
9	a) Total add capital investment b) Capital outlay /te of annual output	₹. crores ₹./t	11304.26 1756.40	9943.55 1562.02
10	a) Capital requirement of P&M b) Per tonne of annual output	₹. crores ₹./t	8632.27 1261.75	7535.78 1076.54
11	Selling price (95% of notified selling price) of processed ROM Coal (G-10)	₹./t	922.00	
12	Estimated cost of production a) at 100% level b) at 85% level	 ₹./t ₹./t	 570.84 651.00	 566.02 634.00
13	Profit per tonne a) at 100% level b) at 85% level	₹./t ₹./t	351.16 275.42	355.98 289.64
14	Break-even-point (%) (Mty)		55.00 38.50	51.36 35.95
15	No. of personnel		5286	4391
16	OMS	Te	46.38	55.57
17	EMS	₹.	3190.30	3185.30
18	Anticipated year of achieving target	Year	7th	
19	IRR at 100% level of production	%	37.45	42.16
20	IRR at 85% level of production	%	24.68	28.45
21	Completion capital	₹. crores	13673.89	12109.27
22	NPV @ 12% at 100% level of production	₹. crores	9247.31	9837.23
23	NPV @ 12% at 85% level of production	₹. crores	4775.12	5644.97

The flexibility in the implementation stage may be exercised within the approved cost estimates to respond to improvements in technology and equipment which would result in improved profitability and productivity measures. Following points may be considered under the flexibility: -

a) Re-alignment of project boundaries for better working layout / dump etc.

b) Change in the specification of HEMM to higher/lower capacity at the time of procurement of new equipment or replacement of the equipment.

c) To procure state-of-the-art safety equipment, whenever they are introduced, even if the same is not provided in approved Project Report.

d) Relocation of site for infrastructure facilities depending upon techno-economic reasons and availability of land / forest area etc.

e) Hiring of equipment for loading, transportation etc., at a competitive price, so as to cater to the needs of increased demand of coal and subsequent removal of higher OB and for augmentation of coal production.

f) For up gradation of new technology in mining method for improving performance and reduction in manpower at a subsequent date before and after project completion.

g) In this PR it is proposed that coal would be mined by surface miner. However, in circumstances where Operational/Geotechnical difficulties persist small quantity of coal may be mined out by alternative technology such as ripping/drilling etc. Prior approval may be obtained for use of alternative technology citing the circumstances/operational difficulties.

h) In option I (Deptt. Option) of the PR, it is proposed that the surface miner to be procured will be able to cut about 8MT of coal annually. Presently in the neighbouring Kusmunda OC mine procurement of surface miner for coal is in the process. Depending upon the finalization of procurement and the performance of the surface miner in Kusmunda OC change in of capacity surface miner may be thought of in future.

2.1 UTILITY OF MARKET FOR THE COAL FROM MINE / PROJECT

Liberalisation of power sector by Government of India has generated wide spread interests for private and public sector investments in power generation. As such, there is an appreciable increase in the number of upcoming new thermal power projects in both private and public sectors. This has resulted in a sharp increase in demand for power grade coal. This project will help to compensate for increase in the demand for power grade coal.

2.2 AVAILABLE LINKAGE

The opening of this project has been planned to a targeted capacity of 70.0Mty. This additional production will be linked to various Thermal Power Stations, and among basket linkages for miscellaneous customers. As such, there will be no problem to market the coal from this project.

3.1 LOCATION

Gevra Opencast Block is located in the South-Central part of Korba Coalfield in Korba District of Chhattisgarh. The Gevra Mining Block having an area of about 19.03 sq.km. is located in the Central part of Korba Coalfield. It is included in the Survey of India Topo-sheet No. 64 J/11 and is bounded by latitudes 22°18'00" and 22°21'42" and longitudes 82°32'0" to 82°39'30".

3.2 COMMUNICATION AND ACCESSIBILITY

The block is well connected by rail and road. Gevra Road and Korba Railway Stations on Champa-Gevra Road branch line of S.E. Railway are at a distance of 10 km and 16 km respectively. Railway Siding has been extended upto and beyond Gevra OCP and coal is being transported from the pit head CHP through rail/MGR to the various consumers. SECL headquarters, Bilaspur, is at a distance of about 90 km by road.

Important distance by Rail to Gevra Road Station -

From Bilaspur (Company HQ)	-	93 km
From Howrah (CIL HQ)	-	708 km

4.0 BLOCK BOUNDARIES AND MINE BOUNDARIES

Mine boundary has been delineated on the basis of Revised Geological Report of Combined Block namely Gevra, Dipka, Ponri, Hardi, Naraibodh I and Naraibodh II on Minex model, comprising an area of 38.87 sq. Km. with a borehole density of 14.0 boreholes per sq. Km.

The quarry boundary for the complete mine have been fixed in the following manner:-

- West - Based on the existing boundaries between Gevra Mine and Dipka Mine.
- North - Based on out-crop of LK Seam and boundary Fault F10-F10.

- East - Based on 50 m barrier distance from the Western geological block boundary of Resdi and Amgaon.
- South - Based on the combined Southern most geological block boundary of Ponn and Naraibodh II.

5.1 GEOLOGICAL AND MINEABLE RESERVES

Apart from Gevra OC mine with in the Gevra mine block, Laxman OC was also working earlier in the incrop region of UK seam in Naraibodh-I geological block. Presently Laxman OC mine has stopped producing coal as proposed reserved in UK seam of approved mine boundary has exhausted. It is now proposed that the Seam beneath the UK seam in Laxman OC patch would be extracted by Gevra OC. While calculating mineable reserves the deduction of OB and coal extracted from closed Laxman OC has also being considered.

The mineable reserves and volume of OB have been estimated by Minex Software. The estimation of reserves is based on a minimum mineable seam thickness of 0.5 m. A geological loss of 10% and a mining loss of 5% have been considered in the estimation of mineable reserves. Inseam bands within the Coal seam have been deducted from the reserves.

The Mineable reserves and volume of OB estimated for Gevra OC Exp (25.0-35.0Mty) was 975.00 Mt and 1266.99Mm³ as on 1/04/2006.The coal and OB extracted from 1/04/2006 to 1/04/2014 from Gevra OC (35Mty) is as follows:-

- Gevra OC - Coal - 267.07 Mt ; OB- 174.70Mm³.

Additional Coal and OB extracted from Laxman OC is as follows:-

- Coal - 57.07Mt ; OB- 54.94Mm³

Balance Mineable reserves and Volume of OB in Gevra OC Exp (25.0-35.0Mty) as on 1/04/2014 is 651.93Mt and 1040.29Mm³. Additional 68.70 Mt of coal and 1126.32 MM³ of OB has being included in the project by extending the mine boundaries. Seam wise Geological and Mineable reserves within the PR boundary is as shown below:-

Coal Seam / Parting	Thickness Range (m)		Geological Reserves(in Mm^3) within PR boundary as on 1/04/2014	Mineable Reserves (in MT)/Parting(in Mm^3) within PR boundary as on 1/04/2014	Inseam band (in Mm^3) within PR boundary as on 1/04/2014
	Min.	Max.			
TOP OB				594.91	
C	0.90	4.34	1.64	0.96	0.04
Parting	9.96	20.46		4.59	
DT	0.70	7.97	9.67	7.52	0.04
Parting	2.07	12.55		14.97	
DB	5.31	25.02	58.86	46.68	1.31
Parting	60.12	90.05		102.67	
EF	2.95	19.95	101.43	80.27	4.82
Parting with DB	63.64	78.69		100.54	
E	0.90	13.60	33.06	21.63	0.32
Parting	2.42	7.08		8.69	-
F	1.53	6.30	8.49	5.76	0.22
Parting with EF	24.98	83.81		366.10	
Parting with F	55.35	93.70			
UK	23.33	36.65	455.42	327.21	17.18
Parting with EF	24.75	59.10		16.17	
UTM	11.60	17.95	11.68	9.29	0.71
Parting with EF	8.11	37.70		31.58	
Parting with F	15.20	23.10			
UT	0.69	5.85	11.32	8.35	0.17
Parting	3.15	29.84		18.08	
UMB	19.00	31.76	37.29	29.85	5.54
Parting with UT	5.81	32.29		5.95	
UM1	1.85	3.75	2.85	1.26	0.09
Parting	3.10	21.60		2.04	
UM2	1.17	4.55	3.28	1.27	0.12
Parting with UM2	2.90	17.85		5.57	
Parting with UTM	3.43	13.10			
UB	7.27	17.25	19.18	10.90	1.14
Parting with UK	39.80	87.25		404.61	
LK	43.78	70.34	729.14	474.11	19.23
Parting with UK	45.14	94.00		230.70	
Parting with UMB	39.70	53.40			
Parting with UB	36.05	70.25			
LKT	27.85	43.73	243.12	174.89	3.60
Parting with UK	23.31	60.19		82.38	
Parting with UMB	15.18	53.55			
Parting with UB	10.18	55.64			

Coal Seam / Parting	Thickness Range (m)		Geological Reserves(In Mm³) within PR boundary as on 1/04/2014	Mineable Reserves (In MT)/Parting(In Mm³) within PR boundary as on 1/04/2014	Inseam Band (In Mm³) within PR boundary as on 1/04/2014
	Min.	Max.			
LT1	12.78	29.08	75.14	48.54	2.48
Parting with LT1	3.30	22.73		14.55	
LT2	6.49	17.66	45.33	28.49	[illegible]
Parting with LKT	3.27	38.00		101.06	
Parting with LT2	10.93	40.25			
LKB	3.28	23.19	94.06	59.68	2.60
TOTAL GEOLOGICAL RESERVES(MT)					1940.98
TOTAL COAL(MT)					1337.68
TOTAL OB(Mm³)					2105.95
TOTAL INSEAM BAND(Mm³)					60.66
TOTAL OB INCLUDING INSEAM BAND(Mm³)					2166.61

6.0 TARGET OUTPUT & MINE LIFE

The mine is proposed for coal production of 70.0 Mty (attained in 7th year) and peak OB removal is of 122.0 Mcum (attained in 7th year).

Mine Life

The mine life for nominal production is 22 years. The break-up is as under

- Construction period - 0 Years
- Production build-up period - 6 years
- Production period - 14 years
- Tapering period - 2 years
- Total period - 22 years

7.0 FUTURE EXPANSION POTENTIAL

Presently the mine has been proposed to in the geological blocks namely Gevra, Ponri, Naraibodh I, Naraibodh II & Part of Hardi block.

In future the mine has been proposed to be expanded upto line of metamorphic formation (limit of coal bearing area) incorporating the additional geological blocks, namely Bhilai and Bhilaibazar as shown in the plan below. The combined total indicated and inferred reserves in both the blocks are 1600MT.

The cost of land and rehabilitation for future expansion also i.e. upto line of metamorphic formation (limit of coal bearing area) has been provided in this PR. The Future expansion of the mine for the blocks within the PR boundary along with the additional blocks namely Bhilai, Bhilai bazar and land upto Metamorphic is as shown in the plan.

8.0 DETAILS OF SEQUENCE OF COAL SEAM AND THEIR PARTING

The sequence of coal seams with their thickness and parting range, grade is as shown below:-

Coal Seam/ Section	Thickness range		Nos. of intersection	At 60% RH & 40°C				UHV (K. cal./kg.)		GCV (K. Cal./kg)		GCV Grade	Average Grade
				M%		A%							
	Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
C	0.90 CMKN028	4.34 CMKN032	5	7.30	10.80	24.10	46.30	1406	4078	2969	4709	G15 -G9	G13
D1	0.74 CMGE024	5.95 CMKL024	04	6.20	9.10	28.70	51.90	968	3679	2735	4525	G16-G10	G14
D8	2.42 CMKN055	25.02 CMGE015	70	0.60	5.90	29.90	55.80	435	3540	3499	4442	G17-G10	G13
EF	1.99 CMKN037	19.99 CKDP089	119	5.70	10.30	19.80	44.90	1907	4925	3499	5369	G13- G7	G10
E	4.99 CKPR009	11.27 CMKN040	50	5.70	8.50	23.50	45.60	1779	4484	3334	5104	G14- G8	G11

F	[illegible]	[illegible]	44	6.90	9.20	20.30	11.00	2282	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LK	[illegible]	36.05 CMDP136	185	4.40	8.60	21.30	43.30	2193	4817	3618	5342	[illegible]	[illegible]	[illegible]
UTV	11.80 CMDP014	17.95 CMDP088	8	6.20	7.40	29.60	42.20	3082	3793	3395	4693	[illegible]	[illegible]	[illegible]
LIT	[illegible]	5.85 CMDE017	45	5.40	8.70	28.40	47.00	1564	3775	3134	4612	[illegible]	[illegible]	G12
UM0	19.30 CMDP034	31.76 CMDP146	27	6.20	7.20	26.50	45.40	1834	3977	3502	4824	[illegible]	[illegible]	[illegible]
UM1	1.55 CMDP166	3.75 CMDP125	16	6.50	8.60	27.50	42.10	2198	3943	3652	4742	[illegible]	[illegible]	[illegible]
UM2	1.17 CMDP013	4.55 CMDP125	17	5.40	8.00	26.30	47.20	1642	4178	3329	4921	[illegible]	[illegible]	[illegible]
UB	7.27 CMDP025	17.23 CMDP088	24	5.70	7.90	23.20	48.90	1337	4617	3804	5230	[illegible]	[illegible]	[illegible]
LH	7.99 CMDK154	13.04 CMDN033	145	4.80	6.70	26.00	40.30	2496	4320	3874	5088	[illegible]	[illegible]	G10
LK1	20.60 [illegible]	[illegible] CMDN058	80	3.50	6.96	25.00	42.20	2400	4505	3805	5283	[illegible]	[illegible]	[illegible]
LT1	17.90 [illegible]	[illegible] [illegible]	24	5.20	7.00	25.30	42.50	2234	3945	2711	4817	[illegible]	[illegible]	[illegible]
LT2	[illegible]	[illegible] [illegible]12	28	4.40	7.90	26.30	49.80	1420	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LKB	3.28 [illegible]	[illegible] [illegible]	67	4.70	6.90	26.80	47.00	1760	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

9.0 MINE PARAMETERS

The Mining characteristics of the quarry have been tabulated as follows :

1	Maximum width along strike		
	- at surface	m	9180
	- at floor	m	8795
2	Minimum width along strike		
	- at surface	m	9050
	- at floor	m	8300
3	Maximum length along dip		
	- at surface	m	[illegible]
	- at floor	m	[illegible]
4	Maximum depth	m	340
5	Present Maximum Depth	m	[illegible]
6	Minimum depth	m	10m
7	Present Minimum Depth		85m
8	Maximum lift	m	340
9	Area of excavation		
	- at surface	Ha	[illegible]
	- at floor	Ha	[illegible]
10	Mineable Coal (as on 01.04.2014)	Mt	1337.48
11	Total OB (incl. parting & inseam band) (as on 01.04.2014)	Mm	2144.61
12	Stripping Ratio(as on 01.04.2014)	m^3/t	1.62

10.0 CONSTRAINTS ON MINE DEVELOPMENT

The quarriable property involves following main constraints e.g. –

- **VILLAGE**

The rehabilitation of the following villages is in progress namely Amgaon, Bahanpal, Bhatora, Ralia, Bhilaibazar and Naraibodh. In addition to these Gevra ,part of Khodri,Churail,Pandripani,Salora villages and Laxman Nagar rehabilitation site also needs to be evacuated. These villages are to be shifted and properly rehabilitated. SECL should take appropriate action for early rehabilitation.

- **EVACUATION OF HUGE QUANTITY OF COAL**

3 mega projects are situated adjacent to each other resulting in huge quantity of coal production (presently about 90 Mty). The present setup of all three mines are just sufficient to cater the need of coal evacuation of present coal production.

Any further enhancement in production would require alternate arrangement for coal evacuation. Proposed East West Rail corridor is one of such alternative. The construction of it needs to be expedited, which would result in timely & smooth evacuation of coal from the mine.

- **FOREST LAND**

Out of the total quarriable area 2635.3598 Ha, it is envisaged that around 124.289 Ha of forest land need to be acquired further before commencing mining operation.

- **DIVERSION OF ROADS**

The Metalled Road from Hardi Bazar to Korba, passing from the dip side property and South East property of proposed Gevra OC mine, needs to be diverted. The Capital provisioning for the same has been made.

- **SLOPE STABILITY OF QUARRY BENCHES & OB DUMP**

As the maximum depth of the proposed quarry is going to be about 340m and faults are there, it is envisaged to undertake scientific study for stability of benches. Adequate precautions should be taken while working near fault planes.

As the maximum dump height above the surface level is 90m it is also envisaged to undertake scientific study for the stability of internal dumps. Financial provisions for the same have been made accordingly.

11.0 MINING STRATEGY/MINING SEQUENCE

Presently two set of inpit belt conveyors are existing for conveying coal from inpit to surface in Gevra OCM.

- **LR series** :- Aligned perpendicular to the strike of the mine and situated in the Western portion of the mine (towards Dipika OCM).
- **JK Series** :- aligned oblique to the strike of the mine and running toward Eastern end of the mine(towards Kusmunda OCM).

In the western sector two set of belt conveyors namely PQ Series is being installed. Mining strategy has been planned based on the dumping strategy and considering alignment of the belt conveyors. In the 35 Mty project report the mine strategy proposed comprised of belt series as mentioned above. This has resulted in formation of three internal dumps namely Eastern, Western and Central.

In the proposed PR the following mining strategy is proposed due to internal dump constraints. This will result in formation of two internal dumps i.e Eastern and Western.

The mine has being planned to be extracted up to the lowermost workable seam (i.e. Seam LK) or bottom split of the Lower Kusmunda Seam, whose minimum depth presently is 85m. Mine will continue to progress in the south direction as is envisaged in the approved PR (25-35 Mty) as well as in the East direction for extraction to be carried out in Naraibodh I and Naraibodh II block. The main haul roads will be all along the floor of the Seam LK or LKB. These haul roads will follow the alignment of the conveyor belt laid along the floor of the bottom most seam.The mine will be worked in horizontal slices from top downwards. Conventional loading machines such as Hydraulic shovels will be used for extraction of OB in conjunction with dumpers. For extraction of coal surface miners and F.E.L will be used. The PQ series belt conveyor and LR series belt conveyors would continue to operate for another seven to eight years. Later on it will be dismantled to create space for internal dump. An additional belt conveyor namely AB series will be laid parallel to the JK Series to handle the coal evacuation.The coal from the LK seam and its split will be fed to the existing JK series belt conveyors and the

Sequence of development

The mine will advance towards dip direction exposing the floor of seam LK or the bottommost split of seam LK.

The alignment of the face has been planned as to facilitate the drainage of water to one or two places.The sequence of development has been as shown by the sector lines marked on the final stage quarry plan as well as on the plans showing Quarry cross sections. The proposed sequence has been chosen to maximize the internal dumping. To maintain the production the mining will be carried out all along the defined sectors. After completion of one sector next sector will be mined and so on. As the total depth difference between the Eastern and Western side quarry is 100m on an average, the sequence of mining mentioned in the plan in the next page will help to average the total OB to be excavated per year.

This would benefit in the cash flow in the early stages of the expansion and creation of additional mine void for accommodation of OB dump internally.

The provision of Major HEMM for the project is as Tabulated below :-

S.No	HEMM	Deptt Option	Partial Outsourcing Option
1	**For OB**		
	Rope/Electric Hydraulic Shovel-42/15/10m³	10/7/2	10/7/2
	Dumper- 240/150/100t	140/95/20	140/95/20
	Drill- 381/250mm	10/9	10/9
	Dozer and Wheel Dozer-850/450/410HP	26/6/19	19/6/19
2	**For Coal**		
	Surface Miner (8.0MT)	9	-
	Payloader (10.0cum.)	25	-
	Diesel Hydraulic backhoe- 5m³	-	2
	Coal body dump truck- 60t	189	12

	Drill- 160mm	7	7
	Dozer and Wheel Dozer-450/410HP	6	5

It is suggested here that while procuring the 240T dumper it should be ensured that 240T dumper should accommodate minimum three passes of 42m³ Shovel bucket load

12.0 DUMPING STRATEGY

Total volume of OB has been estimated as 2166.61(including 60.66 m³ inseam band). The proposed sequence of mining is ideally suited for achieving the objective of placing maximum possible waste in the internal dumps. By adopting the proposed sequence of mining, as the quarry advances, the amount of external dump will be negligible and that of internal dump will increase as more space for the economic dumping is created.

Presently, internal backfilling is being done in the quarry and considerable volume of OB is also being dumped in the external dump. The total quantity of OB dumped till 01/04/2014 internally and externally is 220.97Mm³ and 219.56Mm³(including Laxman OC External dump) respectively. In coming years, all the volume of OB will be internally backfilled.

Internal dump, due to the position of haul road, has been divided into two parts i.e. Eastern dump and Western dump. A plan showing location and capacity of dumps has been given in Plate No. XXXII.

Additional Volume of OB to be dumped in different dumps is as follows

Dump	Total Volume of OB (Mcum) to be accommodated in different dumps
A. External	Nil
B. Internal	
Eastern Dump	1060.40
Western Dump	1106.21
Total	2166.61
Grand Total (A+B)	2166.61

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It is estimated that maximum RL of the surface is 328m. The maximum height of the proposed internal dumps has been designed up to 90m above the ground level. Hence internal dump is proposed to be dumped upto 400m RL. Some of the existing dumps have to be rehandled in order to accommodate infrastructure of proposed mine. Capital provision for this purpose has been made in Appendix 8.1.

13.0 LEAD FOR OB AND COAL

The lead for OB & Coal works out to 5.0 km and 3.0 km respectively.

14.0 CALENDAR PROGRAMME OF EXCAVATION

The summarised calendar programme of excavation for coal, OB and inseam band is given in following table. The targeted level of the production for coal and OB will be achieved in the 7th year.

Considering the average width of quarry and annual advance of quarry floor, the calendar programme has been prepared as given in the following table: -

YEAR	Coal	OB	Inseam Band	Total OB
1	40.00	71.00	1.69	72.69
2	41.00	71.00	1.67	72.67
3	41.00	72.00	1.80	73.80
4	45.00	80.00	2.12	82.12
5	45.00	80.00	2.82	82.82
6	65.00	110.00	2.70	112.70
7	70.00	122.00	3.06	125.06
8	70.00	122.00	3.53	125.53
9	70.00	122.00	3.51	125.51
10	70.00	122.00	3.17	125.17
11	70.00	122.00	3.09	125.09
12	70.00	122.00	3.51	125.51
13	70.00	122.00	3.54	125.54
14	70.00	122.00	2.82	124.82
15	70.00	122.00	2.95	124.95
16	70.00	104.50	3.31	107.81
17	70.00	104.50	3.16	107.66
18	70.00	86.00	3.34	89.34

YEAR	Coal	OB	Inseam Band	Total OB
19	70.00	79.00	2.96	81.96
20	70.00	82.00	3.18	85.18
21	50.00	39.30	1.50	40.80
22	30.68	28.65	1.24	29.89
Total	1337.68	2105.95	60.66	2166.61

The calendar programme has been prepared based on the mineable reserves and OB as on 1.04.14 , considering 2014-15 as first year for above calendar programme for targeted production of 70.0 Mty. All the OB backlog in the past has been neutralized in this calendar programme. The project has produced 41.00 MT of coal and 45.44Mm^3 of OB in the year 2014-15. In case of any delay in the procurement of additional HEMM's, Coal/OB backlog since 1.04.2014 can be outsourced till the procurement of additional HEMM's.

15.0 PROJECTED COAL QUALITY

The weighted average GCV of coal seams considered together works out to **4338.00 KCAL/KG (G-10)**. The weighted average grade has been estimated for economic evaluation of this PR only.

16.0 WATER MANAGEMENT

Pumping system for Gevra Opencast Expansion Project (35-70 Mty) has been designed to dewater the inflow of water due to precipitation falling within the active pit limit during the monsoon season to enable the mining activity to continue round the year.

General topography of the project area shows that the surface drainage is not likely to pose any major problem. The surface within the mine intake is gently undulating and the area is traversed by a seasonal nala namely Laxman nala. This drains into the river Ahiran located towards north east. In addition, there are quite a few ponds in the area. Planning for dewatering of the mine has been done in such a way that the working places, haul roads etc. remain dry as far as possible. Layout of the quarry provides suitable gradients along the quarry floors and the benches shall be suitably contoured to facilitate self-drainage of water to the lowest level of the quarry.

Rain water intake of the mine is non-uniform during the year. Most of the rain water intake occurs during the period from June to September. During the dry season i.e. from October to May, seepage of water from the strata is expected to be moderate to low and can be dealt with by running a few number of pumps out of the total number of pumps provided for monsoon period. During the non-monsoon period repair and overhauling of the pumps and motors may be done by rotation.

Presently, the mine is being dewatered by the existing pumps in the mine operating at 6.6kV / 3.3kV / 415V. The existing pumps and sumps will become insufficient in dealing with the pumping requirements of the mine as the expansion of the mine takes place.

16.1 MAKE OF WATER & PUMPING REQUIREMENT

In general the sources of water inside the quarry are as given below

- Direct rainfall in the excavated area.
- Inflow of water from back filled area due to rain fall on it.
- Inflow of water from area beyond excavation due to rainfall on it.
- Seepage of water from strata water/Ground Water.

16.2 Assessment of maximum rainfall in a day

The assessment of maximum rainfall in a day during the life of the project has been made by drawing a probability curve (fig. 10.1) based on calculated/ theoretical values and observed values of the maximum rainfall in a day, life of the project etc. The maximum daily rainfall at probabilities of 10% and 4.76% which corresponds to 10 years and 21 years (life of the project) respectively has been found out from the bribability curve, which are approximately 187 mm and 205 mm respectively.

Calculated data (on daily rainfall of 205 mm)

Sl. No	Description	5th year	10th year	15th year	Final stage
1	Inflow due to direct rainfall in exposed area (cu.m.)	1381831	1961702	2236755	2056904
2	Inflow due to direct rainfall on internal	101291	115682	152625	197431

Sl. No	Description	5th year	10th year	15th year	Final stage
	dump area (cum)				
3	Inflow due to direct rainfall on area beyond excavation (cum.)	16580	22132	26271	27012
4	Seepage from ground water (cum.)	149970	209952	241566	228135
5	Total water collected in a day (cum.)	1649671	2309467	2657215	2509483
6	Sump cap. provided at 10% probability (cum)	1504822	2106684	2423899	2289138
7	Water lying outside the sump	144849	202782	233316	220345
8	Pumping capacity (lps) to dewater the water lying outside sump in 18hrs including 10% pump losses	2459	3442	3961	3740
9	Pumping capacity (lps) to dewater entire water including 10% pump losses in 100 hrs.	5041	7057	6119	7668
10	No of 225 lps capacity pumps required to pump out the water lying outside the sump in 18 hrs.	11	15	18	17
11	No of 225 lps capacity pumps required to dewater the entire water in 100 hrs	22	31	36	34
	No. of 225 lps capacity pumps reqd. to dewater 2/3rd water in 100 hrs.	15	21	24	23
	No. of 190 lps capacity pumps reqd. to dewater 1/3rd water in 100 hrs	9	12	—	—
	No. of 190 lps capacity pumps reqd. to dewater entire water in 100 hrs	—	—	43	40
	No. of 225 lps capacity pumps reqd. to transfer 1/3rd water from lower sump to eastern main sump in 100 hrs	—	—	12	11

16.3 SUMP

For dewatering the mine, sumps has been envisaged at the deep most points of the eastern, western and central part of the mine. Initially dewatering will be done

independently from sumps of all the three sectors. However, as the mine advance deeper, water from the central sump will be pumped to the main sump in the eastern sector, from where it will be pumped out to the surface. As the mine advances beyond the fault F1, possibility of locating the main sump of the eastern sector just north of the fault may be explored. Water of the mine south of the fault F2 will be collected in temporary sumps and will be pumped to the main eastern sump and from there it will be pumped to the surface drainage system. The layout of the quarry provides suitable gradient along the floor of the benches to facilitate self drainage of water into the sump.

Water from the main sump/ intermediate sump as per requirement will be pumped to surface which will pass through sedimentation ponds before being discharged into natural drainage system. Sumps will be cleaned periodically to avoid silting and muck accumulation. Sump location has to be so maintained that it allows total backfilling of OB in the decoaled area.

16.4 PUMPS

Presently, planning for pumping is being done with 250 m head 225 lps (3000 gpm) multistage pumps at the western sector main sump upto 15 years from start of the 70 Mty expansion project and 330 to 350 m head and 180 to 190 lps (2500 gpm) discharge capacity pumps at the eastern sector main sump and water to be pumped out from these sumps through pipe ranges lad along the western and eastern batters respectively. After 15 years, all existing 250 m head 225 lps of the mine will be almost completing their lives and hence will be replaced by 330 to 350 m head and 180 to 190 lps (2500 gpm) discharge capacity pumps. Pumps with about 120 to 130 m head and 3000 gpm discharge capacity will be used to transfer water from the lower sumps of the central sector to the main sump of the western sector and from the lower sumps of the eastern sector to the main sump of the eastern sector. Non-slam high pressure check valves will be used in the delivery ranges of the main pumps to eliminate occurrence of run back/water hammer.

In future, if availability of pumps of higher head in the range of 400 to 425 m and sufficient discharge is ensured than the main sumps of the eastern and western sectors may be moved southwards and water can be directly pumped out from there with those pumps. Availability of hose pipes for connecting the pumps to the fixed GI pipe ranges, which can withstand the pressure of such high water heads will also have

to be ascertained. Alternatively, use of booster pumps with the main pumps of medium heads may also be explored to avoid the use of very high head pumps.

17.0 COAL HANDLING PLANT (CHP)

17.1 Present System of Coal Handling & Dispatch

The Gevra OCP is divided into three sectors namely Eastern sector, Central sector and Western sector. At present, Lower Kusmunda and Upper Kusmunda seams are being worked in the mine. Average parting between Kusmunda Lower and Kusmunda Upper seams is around 60 m. Presently, J-K series/ streams of conveyors and L/R stream of conveyors are working in Central sector. The J-K stream consists of J1/K1, J2/K2 and C1/C2, C3/C4 & C5/C6 conveyors, while L/R stream consists of L1, L2, L3, R1, R2, R3 and R4 conveyors. These conveyor systems feed coal to two number of silos i.e. Silo No.1 and Silo No.2 for loading of coal into rail wagons. Silo No.1 and Silo No.2 are having storage capacity of 2400 te each and are attached to a MGR system for dispatch of coal to NTPC korba.

Both, J-K series and L/R stream of belt conveyors feed coal to Silo No.1&2 via a 30000 te ground bunker with C-series of conveyors and a 5000 te surge bunker respectively. Designed coal handling capacity of this system is 15 Mty.

There are five number of sidings with wharf wall loading system in the project. Junadih Siding Nos. I&II are used by SECL for dispatch of coal to various consumers whereas Siding Nos. III&IV (ACB sidings) and Siding No. V (GEB siding) have been leased out to the washery holders for dispatch of washed coal by them. Each wharf wall siding has coal handling capacity of around 5 Mty. In addition, there are eight number of mini CHPs with Feeder Breaker/ crusher and road weigh bridges for dispatch of coal to various consumers by trucks through road sales.

Gevra project produced around 38.70 Mt & 41 Mt and dispatched around 37.42 Mt & 37.15 MT of coal during the years 2013-14 and 2014-15 respectively.

17.2 CHP under Construction

Silo No. 3&4 with Bunker : Silo No. 3&4 with storage capacity of 4000 te each and RLS at the rate of 5500 TPH each are under construction. An overhead RCC bunker with storage capacity of 10000 te is also being constructed along with the silos. It is envisaged

that around 10 Mty of coal will be dispatched from these silos. Apart from the silos, two numbers of truck loading stations are also being attached to the overhead bunker for dispatch of coal through trucks to various consumers.

Inpit Conveyor System : The inpit conveyor system is being installed on the floor of Lower Kusmunda seam. In the central sector, two streams of belt conveyors (J and K series) consisting of J1, J2 and K1, K2 already exist. These are of 1400 mm wide belt conveyors. These conveyors are being replaced by 1600 wide belt conveyors at their existing places. In addition, conveyors J3 and K3 each of 1600 mm belt width are being installed at an angle of 175° (i.e. almost in-line) to the alignment of J1, J2 and K1, K2 respectively. In the western sector, two new streams of belt conveyors (P and Q series) consisting of P1, P2, P3 and Q1, Q2, Q3 conveyors of 1600 mm belt width are being installed. P-Q stream of belt conveyors will discharge coal into a 1500 te transfer hopper (TH2) from where coal will be fed to either Silo No. 1&2 or Silo No. 3&4.

Conveyor K1 of J-K series of conveyors will discharge coal into the transfer house TH3 whereas conveyor J1 will continue to discharge in the existing transfer house TH1. Coal form TH3 will be discharged onto M1/M2 belt conveyors for feeding it to Silo No. 3&4 via an overhead RCC bunker of 10000 te capacity.

Total designed coal handling capacity of J-K and P-Q series combined will be 25 Mty (peak capacity 20% extra) which will be dispatched through the four number of silos - Silo No. 1&2 (existing) and Silo No. 3&4 (under construction). Construction of Silo No. 3&4 along with the 10000 te overhead bunker and the inpit conveyor systems (J1/K1, J2/K2 & J3/K3 and P1/Q1, P2/Q2 & P3/Q3) is expected to be completed by the end of 2015.

17.3 COAL HANDLING AND DISPATCH SYSTEM

In-pit Conveying System (Central Sector)

Coal won by surface miners in the lower Kusmunda seam will be transported by two pairs of series of belt conveyors viz. J-K series and A-B series located in the central corridor left for belt conveyors and haul road in the central sector.

J-K Series : J-K series will consist of conveyors J1/K1, J2/K2, J3/K3, J4/k4, J5/K5 and J6/K6. All the conveyors of this series will be with 1600 mm belting. Modified J1/K1 & J32/K2 and new J3/k3 is expected to be commissioned by the end of 2015. Conveyors

J4/K4, J5/K5 and J6/K6 will be additional provision for the 70 Mty expansion project and will be installed in phases. Each of J and K series will be of 2300 TPH capacity.

A-B Series A-B series will be a new set of conveyors consisting of A1/B1, A2/B2, A3/B3, A4/B4 and A5/B5 conveyors with 2000 mm width belting and 5000 TPH capacity. A-B series will be installed in the central corridor adjacent to the J-K series. Conveyors A4/B4 will be fed by shiftable conveyors from the face. Provision will be there to feed conveyors A4/B4 also directly by Chain Feeders installed near the tail of the conveyors A4/B4 which will be shifted to the tail of A5/B5 after its installation at a later stage. Conveyor A1 will discharge coal either on TH-2 through a fixed tripper or on the existing L-series of conveyors of 1400mm belt width and 3 m/s speed, whereas conveyor B1 after crossing the L-series will discharge coal to conveyor B0 of 2000 mm belting and 5000 TPH capacity. Conveyor B0 will discharge coal through a two-way chute to the tripper conveyors D7/D8 over the 50000 te overhead RCC bunker of the western circuit.

Shiftable Face Conveyors Shiftable conveyors S1, S2 and S3 will be installed in series at the face for transportation of coal from face to A-B series of conveyors. S1 and S2 will be of fixed length whereas length of S3 will vary according to the position of the conveyors S1 and S2 with respect of the transfer point at the A-B series of conveyors. Conveyor S3 will be provided with a radial swiveling belt conveyor S0 with discharge chute which can be set to discharge coal onto either A or B conveyor. The radial swiveling belt conveyor for transfer of coal from conveyor S3 to A or B conveyor will be shifted from A4/B4 conveyors to A5/B5 conveyors after few extensions of the shiftable conveyor S3. All the shiftable conveyors will mounted on slippers and rail tracks will be laid along the conveyors to facilitate their shifting. Shifting of the conveyors will be done with the help of crawler mounted conveyor shifting machine.

Surface Conveying System

Two circuits of surface belt conveyors along with bunkers and silos have been envisaged along the western and eastern boundaries of the mine in the western and eastern sectors respectively for transportation of coal won by surface miners in the Upper Kusmunda seam and other upper seams viz. D (Bottom) & D (Top) seams and E, F & EF seams.

17.3.2 Western Circuit

Western circuit of surface conveyors will consist a truck receiving station with two sets of 5 x 8m x 8m x 120 te steel hoppers (4 working & 1 standby) along with 1000 TPH vibratory feeders, two series of belt conveyors (D1/D2, D3/D4, D5/D6, D7/D8 & D9/D10) of 2000 mm belting parallel to each other, one overhead RCC bunker of 50000 te capacity and two silos of 4000 te capacity each. Coal from the bunker will be reclaimed by plough feeders of 5000 TPH capacity and will be discharged onto the reclaim conveyors of 5000 TPH capacity. Two number plough feeders will be installed over each of the two reclaim conveyors for discharge coal into Silo No.5 through two-way chutes. Two conveyors of 5000 TPH capacity each will receive coal from the two-way chutes at Silo No.5 and discharge it to the adjoining Silo No.6. Both the silos i.e. Silo No.5 and Silo No.6 will be fitted with double discharge chutes and pre-weigh hoppers. Minimum self-flowing capacity of the pre-weigh hoppers will be 72 te each. Double railway lines will pass under each of the silos such that each of the chutes of the silos will be placed over separate railway lines.

17.3.3 Eastern Circuit

Eastern circuit of surface conveyors will consist a truck receiving station with two sets of 4 x 8m x 8m x 120 te steel hoppers (3 working & 1 standby) along with 1000 TPH vibratory feeders, two series of belt conveyors (G1/G2, G3/G4, G5/G6 & G7/GG8 and G9/G10) of 1600 mm belting and 2800 TPH capacity parallel to each other, one overhead RCC bunker of 30000 te capacity and two numbers rail load out systems with 500 te capacity surge bin and 100 te capacity weigh bin each. Conveyors G3/G4 will discharge coal onto the tripper conveyors G5/G6 over the 30000 te bunker. Conveyors G1/G2 & G3/G4 will come after about ten years, the tripper conveyors G5/G6 will be fed by another pair of belt conveyors G9/G10 which will reclaim coal from a nearby truck receiving station consisting of two sets of 4 x 8m x 8m x 120 te steel hoppers (along with 1000 TPH vibratory feeders). This truck receiving station will be dismantled after installation of conveyors G1/G2 & G3/G4 and reinstalled at the tail end of G1/G2. Coal from the bunker will be reclaimed by plough feeders of 4000 TPH capacity and will be discharged onto the reclaim conveyors G7/G8. Conveyors G7/G8 will be of 4000 TPH nominal capacity. Two number plough feeders of 4000 TPH nominal capacity each will be installed over each of the two reclaim conveyors G7 & G8. Conveyors G7/G8 will discharge coal into the surge

bins of the two numbers rail load out systems. The surge bins will be fitted with weigh bins and traversing/telescopic chutes for discharge of coal into rail wagons.

17.3.4 Coal Storage and Dispatch System

Overhead RCC Bunkers

Two no. of overhead RCC bunkers of 50000 te and 30000 te capacity have been envisaged in the western and eastern sectors of the mine respectively. The tripper conveyors, reclaim conveyors and plough feeders of the 50000 te bunker will of 5000 TPH capacity whereas tripper conveyors for the 30000 te bunker will be of 2800 TPH capacity and the plough feeders and the reclaim conveyors of this bunker will be of 4000 TPH capacity. The 50000 te bunker will be attached to Silo No. 5&6 whereas the 30000 te bunker will be attached to two numbers 500 te surge bins of two numbers rail load out systems.

Rapid Loading Systems

Western Sector

Rapid Loading Systems in the western sector will consist of two numbers of silos i.e. Silo No 5&6 of 4000 te capacity each. The silos will be of RCC construction and fitted with double discharge chutes on double railway tracks and pre-weigh hoppers for weighment of coal. The RLS will load coal into railway wagons.

Eastern Sector

Rapid Loading Systems in the eastern sector will consist of two numbers of load out systems each primarily consisting of one surge bin of 500 te capacity, one weigh bin of 100 te capacity and a traversing/telescoping chute. Coal will flow into the weigh bin from the surge bin through four numbers bin charging gates and will be loaded into rail wagons through the telescopic chute. The telescopic chute will be of traversing type and will be parked aside for allowing loco to pass and than will be brought to the central position for facilitating coal loading into the wagons.

It is assumed that dispatch arrangement to the tune of atleast additional 4.0Mty(i.e total 45.0Mty) would be created by year 2017-18 through MGR or other means.

18.0 WORKSHOP AND STORES

An additional workshop is also provided to cater the maintenance of pumps, CHP, equipment of HEMM, power supply arrangement etc. have been provided along with store.

19.0 POWER SUPPLY,ILLUMINATION AND COMMUNICATION

Presently the existing 132/33 kV Central sub-station (Installed capacity 3x20/40 MVA) in the Gevra Area of SECL is the source of power supply to Gevra OCP (including CHP and pump loads), Central Workshop, supply to mines of Korba Area (through Ghordewa feeders) and Colony of Gevra Opencast Project. The average recorded maximum demand on this substation is around 33 MVA. The limiting contract demand for 132 kV substation is 40 MVA as restricted by CSPDCL.The existing 132 kV central substation is around 29 years old. Power demand shall increase after installation and commissioning of additional HEMM and Gevra Inpit and silo system. The power demand shall also increase due to increase in pumping loads. The estimated power demand for 70 Mty production shall be around 80 MVA. In the light of above, it is proposed to construct an additional 220/33 kV (installed capacity: 2x100 MVA) substation, to meet the increased load. The existing132 kV substation can be phased out after commissioning of 220/33 kV substation.

In order to feed power to HEMM,Pumps,Silo and inpit , CHP etc. , six nos. 33 kV substations (3 nos. proposed in 25-35 Mty exp. PR shall continue and 3 nos. new) have been proposed. The capacity of proposed 33 kV substations are as follows:

Substaion Nos.	Installed Capacity	Maximum Demand at 0.98 pf lagging in kVA
CHP S/S No. 1 (proposed in 35 Mty exp. PR)	2x5 MVA,33/6.6 kV	5718
CHP S/S No. 4	2x16000 kVA,33/6.6 kV	12078
Quarry S/S No. 2 (proposed in 35 Mty exp. PR)	2x16000 kVA,33/6.6 kV	12562
Quarry S/S No. 3 (proposed in 35 Mty exp. PR)	2x16000 kVA,33/6.6 kV	12168
Quarry S/S No. 5	2x16000 kVA,33/6.6 kV	16996
Quarry S/S No. 6	2x16000 kVA,33/6.6 kV	17405

The energy consumption has been calculated considering active power, annual number of working hours of equipment/ installation wise. The specific energy consumption will be approximately 4.93 kWh / tonne at the targeted production of 70Mt/yr . Provision of mobile lighting masts/towers has been made in this report for

illumination in the working zones of quarry and dump area in addition to illumination for outdoor and indoor.

The proposed communication system should cater the need of voice communication among personnel related to mine operation, administration and equipment maintenance. The system also takes into account the data communication requirement for mine operation and planning alongwith the latest safety, security and office automation system/facilities.

20.0 LAND REQUIREMENT

In this project. Provision has been made for further dip side property beyond the quarry boundary upto Metamorphics as shown in the Land use plan (Plate- XXXV). This land is to be acquired for future mining in addition to the land acquisition for the proposed Quarry. The project envisages 7484.307 Ha of total land for Quarry, Industrial and Residential complex, Safety zone, Rehabilitation colonies, Future mining etc for Departmental option (Option-I) and 7474.577 Ha for Partial Outsourcing option (Option-II). Land already in physical possession is 3448.605 Ha. The break-up of the land is as follows:-

REQUIREMENT OF LAND IN Ha (OPTION-I)							
SL. NO.	PARTICULARS	LAND ALREADY ACQUIRED/ IN PHYSICAL POSSESSION	LAND TO BE ACQUIRED				TOTAL LAND REQUIREMENT
			TENANCY / AGRICULTURE LAND	FOREST LAND	GOVT. LAND	TOTAL	
1	LAND FOR QUARRY	1401.369	996.536	124.289	113.156	1233.981	2635.350
2	LAND BETWEEN QUARRY AND UPTO METAMORPHIC ON DIP SIDE (FOR FUTURE MINING)	-	1442.160	200.00	657.640	2299.800	2299.800
3	TOTAL LAND UPTO METAMORPHIC	1401.369	2438.696	324.289	770.796	3533.781	4935.150
4	SURFACE INDUSTRIAL DEVELOPMENT R/Y INCLUDING COLONY,APPROACH ROAD,REHABILITATION SITE ETC.	1713.392	92.760	42.691	1.585	137.037	1850.429
5	LAND FOR HOMESTEAD/FAMILY	Included in row 4 above	127.427	-	-	127.427	127.427
6	SAFETY ZONE	333.844	237.457	-	-	237.457	571.301
	TOTAL LAND	3448.605	2896.340	366.980	772.382	4035.702	7484.307

REQUIREMENT OF LAND IN Ha (OPTION-II)							
SL. NO.	PARTICULARS	LAND ALREADY ACQUIRED/ IN PHYSICAL POSSESSION	LAND TO BE ACQUIRED				TOTAL LAND REQUIREMENT
			TENANCY / AGRICULTURE LAND	FOREST LAND	GOVT. LAND	TOTAL	
1	LAND FOR QUARRY	1401.369	996.536	124.289	113.156	1233.981	2635.350
2	LAND BETWEEN QUARRY AND	-	1442.160	200.00	657.640	2299.800	2299.800

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	UPTO METAMORPHIC ON DIP SIDE (FOR FUTURE MINING)						
3	TOTAL LAND UPTO METAMORPHIC	1401.369	2438.696	324.269	770.796	3533.781	4935.150
4	SURFACE INDUSTRIAL DEVELOPMENT RLY. SIDING,COLONY,APPROACH ROAD,REHABILITATION SITE ETC.	1713.392	83.030	42.691	1.586	127.307	1840.699
5	LAND FOR HOMESTEAD/FAMILY	Included in row 4 above	127.427	-	-	127.427	127.427
6	SAFETY ZONE	333.844	237.457	-	-	237.457	571.301
	TOTAL LAND	3448.605	2886.610	366.960	772.382	4025.972	7474.577

21.0 STATUS OF LAND ACQUISITION

The total acquired land is 4184.486 Ha. Out of the total acquired land of 4184.486 Ha, 735.810 Ha is yet to be taken into physical possession.

22.0 MINE CLOSURE PLANNING

The mine closure cost will cover the following activities for which a corpus escrow account @ Rs. 6.0 lakhs per Ha for OCP & @ Rs. 1.0 lakh per Ha. for UG mine of the project area shall be opened with the coal controller organization. In case of mines having acid mine drainage, post closure acid mine drainage management cost shall also be included in the total closure cost.

As per the guidelines of the MoC, the cost of the mine closure is to be computed based on the basis of the project area involved in the project.

In Gevra OCP, the total project area is **5057.08 Ha and 5047.35 Ha** for Option I and Option II respectively. Considering the wholesale price index as 175.60 as on Feb. 2015, the updated cost of the mine closure is estimated to be Rs. 8.13 lakhs per hectare considering the admissible escalation over Rs. 6.00 lakh per Ha as on August 2009 when wholesale price index was 129.60.

Total Final mine closure cost (@ Rs. 8.13 Lakhs /Ha): **Rs.41114.060 lakhs and Rs.41034.96 lakhs for Option I and Option II respectively.**

23.0 MANPOWER ASSESSMENT

The manpower requirement for proposed Gevra OC Expansion Project (35.0-70.0Mty) is 5286 in Departmental option and 4391 in Partial outsourcing option. The manpower requirement for proposed project has been calculated on the basis of 3 shift operation for 330 days in a year. The breakup of the manpower requirement of this project has been summarised as follows

Sl. No	Particulars	Departmental Option(Nos.)	Partial Hiring Option (Nos.)
1	Executives	194	183
2.	Non-executives:		
i)	Monthly rated staff	754	636
ii)	Daily rated staff	4338	3572
	Total	**5286**	**4391**

24.0 PROJECT IMPLEMENTATION SCHEDULE

It is well known fact that for timely implementation of a project, it is essential that all the activities related with project construction are properly planned, closely monitored and effectively supervised

All implementing departments have their own implementation manuals which are followed for monitoring and construction of the project, so that, man, materials and money are made available to the project in time as spelt in the project report, with a view to prevent cost and time over-run

Responsibility, power for each executive has also been included in the implementation manual to prevent overlapping of operational areas. Sufficient administrative and financial power has been defined for key executive to take timely and effective decisions for the implementation of the project. Technically, zero date has been adopted as the date of approval of Project.

25.0 CRITICAL ACTIVITY

Diversion of road, preparation of infrastructures near mine site and East West rail corridor is the critical activity of the project.

26.0 PROJECT ECONOMICS

In this Para financial evaluation of Departmental option and Outsourcing has been detailed. The additional capital required for the project in departmental option(Option-I) and Coal Outsourcing and OB Departmental option(Option-II) works out to be **₹ 11304.26** crores and **₹ 9943.55** crores respectively. The phasing of additional capital has been given in para 27.1. The summarised form of Appendix-A is given in Table below.

Summary of Capital Expenditure (Departmental Option and Partial hiring option)
(May,2015)

A/c Head	Particulars	Capital Provisions (₹ Crs.)	
		Departmental	Partial Hiring
01	Land	838.02	835.58
02	Civil Structure	248.10	195.27
03	Plant & Machinery	8832.26	7535.78
04	Furniture & Fittings	5.45	5.25
05	Railway Siding	171.95	171.95
06	Vehicles	27.10	22.40
07	Prospecting & Boring	0.37	0.37
08	Mine Development	1124.53	1120.48
09	PR Preparation cost	56.43	56.43
	Total	**11304.26**	**9943.55**

26.1 Capital investment and its phasing

(₹. In lakhs)

	Phasing of capital (₹. In lakhs)										Total capital
Year	1st	2nd	3rd	4th	5th	6th	7th	8th	10th	15th	
Option-I	446052.15	145780.51	57232.25	87182.48	28941.66	194784.49	111442.49	22753.31	34308.25	1938.70	1130425.28
Option-II	376134.33	138886.26	56391.74	87681.78	33716.99	157635.28	101199.56	19753.31	18004.91	1938.70	994354.87

26.2 METHOD OF ESTIMATION OF CAPITAL COST:

a) Land

Rate of Govt land and forest land considered is ₹ 10.0 lakhs per Ha.and for agriculture land ₹ 25.0 lakhs per Ha.

b) Civil Construction (along with Cost Index)

The preparation of cost estimates for civil infrastructure is based on prevailing cost index of the area up to May 2015. The cost index value has been calculated from the market rate of the area. Considering the prevailing rates of materials and labour in Gevra Area, the cost index works out to 2865 w.r.t. 100 base in Delhi as on 1.10.1976.

c) P&M

Price of P&M has been taken from the standard price list published by CMPDI, HQ in August 2014. Prices have been updated upto May 2015 as per escalation rate given in the price list.

26.3 COST OF PRODUCTION

The cost of production for total departmental option and Partial hiring option is as shown in the table below -

COST OF PRODUCTION AT DIFFERENT LEVELS OF PRODUCTION				
Sl No	Particulars	Unit	Option-I (Total Departmental)	Option-II (Partial hiring)
1	Salaries and wages cost	₹./t	68.79	57.72
2	Stores cost	₹./t	217.79	173.08
3	Power cost	₹./t	34.46	33.42
4	MiscellaneousExpenditure	₹./t	40.53	36.93
5	Administrative Expenses	₹./t	64.00	64.00
6	Outsourcing Cost			
6.1	Coal	₹./t	-	73.00
6.2	OB/Rehandled OB	₹./t	-	-
7	Interest on Loan capital	%	-	-
8	Interest on working capital	%	20.83	21.42
9	Depreciation	₹./t	119.08	101.49
11	Mine closure cost	₹./t	5.36	5.37
	TOTAL	₹./t	570.84	566.02
12	Environment related cost	₹./t	26.55	26.55

26.4 SELLING PRICE

The weighted average GCV of coal is 4338.00 KCal/Kg (G-10 grade). The weighted average grade has been estimated for economic evaluation of this PR only. The project economics has been calculated based on the selling price of coal for power utility. The calculation of selling price of coal for both the alternatives is as follows.

CALCULATION OF SELLING PRICE (₹./t)

S.no	Particulars	Power Utility
1	Base price	800.00
2	5 % grade slippage	817.00
3	Crushing charges for -100 mm	79.00
4	Rapid loading Charges	26.00
	Total	922.00

26.5 OUTSOURCING COST (FOR PARTIAL HIRING OPTION)

The rates have been arrived based on the prevailing rates at the mines of SECL under same lead and compensating for diesel escalation based on escalation rates table received from SECL.

The outsourcing cost of Coal considered for economic evaluation is as shown in the table :-

- Coal - Rs 73.00/t.

Outsourcing rates are exclusive of Service Tax.

The scope of work by outsourcing will include drilling, loading and transportation, dozing and maintenance of haul roads. All statutory rules, regulations and applicable laws are to be followed.

26.6 FINANCIAL EVALUATION RESULTS:-

The proposed project is expansion of existing Gevra Opencast mine. The written down value of existing assets have been considered in this project while working out economics. The financial evaluation results for Total Departmental Option(Option-I) and Partial Hiring Option(Option-II) is as shown in the table below:-

SL.No	Particulars	Unit	Option-I (Total Departmental)	Option-II (Partial hiring)
1	a) Total additional capital investment	₹. crores	11304.26	9943.55
	b) Capital outlay /t of annual output	₹./t	1756.40	1562.02
2	a) Capital requirement of P&M	₹. crores	8832.27	7535.78
	b) Per tonne of annual output	₹./t	1261.75	1076.54
3	Selling price (95% of notified selling price) of processed ROM Coal	₹./t	922.00	922.00
4	Estimated cost of production			
	a) at 100% level	₹./t	570.84	566.02
	b) at 85% level	₹./t	651.00	634.00
5	Profit per tonne a) at 100% level	₹./t	351.16	355.98
	b) at 85% level	₹./t	275.42	289.64
6	Break-even-point (%)		55.00	51.36
	(Mty)		38.50	35.95
7	No. of personnel		5286	4391
8	OMS	₹.	46.38	55.57
9	EMS	₹.	3190.30	3185.30
10	Anticipated year of achieving	Year	7th	7th

Sl.No	Particulars	Unit	Option-I (Total Departmental)	Option-II (Partial hiring)
	target			
11	IRR at 100% level of production	%	37.45	42.16
12	IRR at 85% level of production	%	24.68	28.45
13	Completion Cost	₹ crores	13673.69	12109.27
14	NPV @ 12% at 100% level of production	₹ crores	9247.31	9837.23
15	NPV @ 12% at 85% level of production	₹ crores	4775.12	5644.97

27.0 CONCLUSION

The project has been planned in line with the present technology and forthcoming changes in neighbouring mines as well as in other parts of the country. The techno-economics have been worked out based on the prevalent norms of productivity, operating cost, spares consumption etc.

Following two options have been worked out in this PR.

1	OPTION I	Total Departmental Option	Mining of Coal and OB by Departmental HEMM
2	OPTION II	Partial Hiring Option	Mining of Coal by Outsourcing HEMM and OB by Departmental HEMM

In Total Departmental option (Option-I), the proposed project is yielding a profit of ₹. 351.16/t at 100% and ₹. 275.42/t at 85% level of production. The financial IRR of the project at 85% is 24.68 % and as such it is meeting the criteria of approval i.e. 12% IRR at 85% capacity level.

In Partial Hiring option (Option-II), the proposed project is yielding a profit of ₹. 355.98/t at 100% and ₹.289.64/t at 85% level of production. The financial IRR of the project at 85% is 28.45 % and as such it is also meeting the criteria of approval i.e. 12% IRR at 85% capacity level.

Option-II may be considered for approval as per the decision taken in planning committee meeting held for Draft PR of Gevra Expn. OCP (35.0 - 70.0 Mty).

****

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

चेक लिस्ट – 9

वैकल्पिक वृक्षारोपण राशि जमा करने का वचन पत्र

(वह दर जो अतिंम रुप से भूमि प्रत्यावर्तन के समय लागू होगी,देय होगी)

नए यूनियन बैंक एवं कार्पोरेशन बैक,नई दिल्ली के बचत खातों का विवरण संलग्न है।

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

STD 07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gevraenvt@gmail.com

कार्यालयः महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 210

दिनांक 07/10/2021

वचन पत्र

गेवरा विस्तार परियोजना गेवरा क्षेत्र के द्वारा आवेदक वन भूमि की क्षतिपूर्ति वृक्षारोपण के लिये छ. ग. शासन , वनविभाग द्वारा निर्धारित की जाने वाली व्यय की राशि का भुगतान करने हेतु वचन पत्र।

साउथ ईस्टर्न कोल फील्ड्स लिमिटेड गेवरा क्षेत्र, जिला–कोरबा (छ.ग.) लिखित रुप से वचन पत्र प्रस्तुत करता है कि गेवरा विस्तार परियोजना के आवेदक वन भूमि की क्षतिपूर्ति हेतु बिगडे वन के दुगने क्षेत्र में क्षतिपुरक वृक्षारोपण के लिये वन विभाग छ.ग. शासन द्वारा निर्धारित की जाने वाली राशि का भुगतान किया जायेगा।

7/10/21

नोडल अधिकारी (पर्यावरण एवं वन)
एस.ई.सी.एल. गेवरा क्षेत्र

7/10/21
महाप्रबंधक
एस.ई.सी.एल. गेवरा परियोजना

7/10/21

7/10/21
महाप्रबंधक
एस.ई.सी.एल. गेवरा क्षेत्र

चेक लिस्ट – 10

न्यूनतम वन क्षेत्र उपयोगिता प्रमाण पत्र

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
:7815 275032(R)
Fax :07815 275434
email :gevraepvt@gmail.com

पो0ऑफ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 212 दिनांक 07/10/2021

न्यूनतम वन भूमि उपयोग प्रमाण पत्र

प्रमाणित किया जाता है कि एस.ई.सी.एल. गेवरा क्षेत्र के द्वारा मांग की जा रही वन भूमि के अतिरिक्त अन्य कोई भी गैर वन भूमि विकल्प के रुप में उपलब्ध नहीं है।

7/10/21

महाप्रबंधक
एस.ई.सी.एल. गेवरा क्षेत्र

चेक लिस्ट – 11

पर्यावरण संरक्षण स्वीकृत प्रमाण पत्र (जिन प्रकरण में लागू न हो उसके भारत सरकार का परिपत्र लगा कर उल्लेख करें) सिंचाई के प्रकरण में 10.00 हे0 तक में राज्य पर्यावरण प्रदूषण मंडल से स्वीकृति (भारत सरकार ,पर्यावरण एवं मंत्रालय की अधिसूचना दिनांक 14.09.2006) इससे अधिक में भारत सरकार पर्य्रावरण एवं वन मंत्रालय, नई दिल्ली से लिया जाना आवश्यक है।

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The GENERAL MANAGER
SOUTH EASTERN COALFIELDS LTD
Office of the General Manager GEVRA AREA,,Korba,Chhattisgarh-495452

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/CG/CMIN/280716/2022 dated 11 Aug 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A042CG119265**
2.	**File No.**	J-11015/85/2010-IA-II(M)
3.	**Project Type**	Expansion7
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	1(a) Mining of minerals
6.	**Name of Project**	Gevra Opencast Coal Mine
7.	**Name of Company/Organization**	SOUTH EASTERN COALFIELDS LTD
8.	**Location of Project**	Chhattisgarh
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 06/09/2022

(e-signed)
Lalit Bokolia
Scientist F
IA - (Coal Mining sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

J-11015/85/2010-IA-II (M)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)
*****

2nd Floor Vayu Wing,
Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 110003
Email: lk.bokolia@nic.in; Tel: 011-20819417

To

Dated: 5th September, 2022

M/s South Eastern Coalfields Ltd
Post Box 60, SECL HQ, Seepat Road
Bilaspur, Chhattisgarh-495006
Email: noenvgevra@gmail.com

Sub: Expansion of Gevra Opencast Coal Mine project from 49 MTPA to 52.5 MTPA (increase of 10 % w.r.t 35 MTPA) in an ML area of 4184.486 ha of M/s South Eastern Coal Fields Limited, located at Villages Gevra and Mangaon, District Korba (Chhattisgarh) - Environmental Clearance under OM vide F. No. IA3-22/10/2022-IA.III [E177258] dated 07.05.2022 - [Availing total 50% relaxation of OM dealing with exemption of public hearing under clause 7 (ii) of EIA notification].

Sir,

This has reference to your online proposal no. IA/CG/CMIN/280716/2022 dated 11th August, 2022 submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions with MoEF&CC's Office Memorandum vide F. No. IA3-22/10/2022-IA.III (E 177258) dated 11.04.2022 & 07.05.2022 and as per EIA Notification, 2006) of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 for Expansion of Opencast Coal Mine project from 49 MTPA to 52.5 (increase of 10% w.r.t 35 MTPA) in ML area of 4184.486 ha by M/s South Eastern Coalfields Ltd, located at District Korba (Chhattisgarh)

2. The project of M/s South Eastern Coalfields Ltd. (SECL) was granted on 03.06.2009 for 35 MTPA in Mine Lease area of 4184.486 ha under the provision of EIA notification, 2006 with Public Hearing in an area of 4184.486 ha. Further, Environment Clearance (EC) was accorded by Ministry on 31.01.2014 for expansion from 35 MTPA to 40 MTPA in Mine Lease area of 4058.146 ha under Clause 7 (ii) of EIA notification, 2006. The proposal was again granted for expansion of EC for production capacity from 40 to 41 MTPA in ML area of 4058.146 ha dated 06.02.2015 under Clause 7 (ii) of EIA notification, 2006 (in accordance with OM J-11015/30/2004.IA.II (M) dated 02.09.2014). The proposal was again granted on 21.02.2018 for expansion form 41 to 45 MTPA in the Mine Lease area of 4184.486 ha under the provision of EIA notification, 2006. Later on the proposal was granted on 10.05.2021 for expansion from 45 to 49 MTPA of M/s South Eastern Coalfields Limited under clause 7 (ii) of EIA notification, 2006 (vide OM dated 15th September, 2017) in the Mine lease area of 4184.486 ha.

3. Based on the submission of Project Proponent, Ministry hereby grants approval to Expansion of Gevra Opencast Coal Mine project from 49 MTPA to 52.5 MTPA (increase of 10 % w.r.t 35 MTPA) in an ML area of 4184.486 ha of M/s South Eastern Coal Fields Limited, located at District Korba (Chhattisgarh), under OM vide F. No. IA3-22/10/2022-IA.III [E177258] dated 07.05.2022 under the Environment Impact Assessment (EIA) Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the following terms & conditions / specific conditions for environmental safeguards as stated below:-

i. PP shall submit Certified Compliance Report of the EC vide No. F. No. J- 11015/85/2010-IA-II (M) dated 10th May, 2021 granted for total 40% expansion, along with EIA/EMP report.
ii. In view of above (i), Ministry shall ascertain the adequacy of the proposed environmental safeguards and stipulate necessary conditions, if required, which shall be monitored as a part of the EC compliance monitoring.
iii. PP to obtain the amendment of existing TOR issued on 7th March, 2022 for capacity enhancement from 49 MTPA to 70 MTPA.
iv. PP shall obtain necessary prior consent for enhanced capacity from State Pollution Control Board under Air and Water Act.
v. Environmental quality parameters arising out of proposed expansion shall be within the prescribed norms and the same shall be maintained as per prescribed norms.
vi. Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/ Project Proponent".
vii. All other terms and conditions as prescribed in Ministry's letter dated 03.06.2009, 31.01.2014, 06.02.2015, 21.02.2018 & 10.05.2021 shall remain the same and need to be complied by PP.

This issues with the approval of the competent Authority

(Lalit Bokolia)
Director

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of Chhattisgarh, Secretariat Raipur.
3. The APCCF, Ministry of Environment, Forest and Climate Change, Regional office (WZ), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur (Maharashtra).
4. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32.
5. The Chairman, Chhattisgarh State Pollution Control Board, 1-Tilak Nagar, Shiv Mandir Chowk,, Main Road, Avanti Vihar, Raipur- Chhattisgarh – 492001

6. The Chairman, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001, New Delhi.
7. The District Collector, Korba, Government of Odisha
8. Monitoring File /Record File 9. PARIVESH Portal

(Lalit Bokolia)

Signature Not Verified
Digitally signed by Lalit Bokolia
Scientist F
Date: 9/6/2022 11:40:45 AM

चेक लिस्ट – 12

वृक्ष विदोहन विवरण (प्रपत्र–अ एवं ब में)

VOLUME FORM

Annx A

एच.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत वापवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की निदोहन योजना वर्ष – खोंडनी

वनमण्डल –कटघोरा

Girth Class	Condition	Multiplying Factor for timber & Fuel		Sisal, Sagwan			Total	Multiplying Factor for timber & Fuel		Bija, Tinsa, Shisham, Khamar			Total	Multiplying Factor for timber & Fuel		Haldu, Mandi, Kasai			Total	Multiplying Factor for timber & Fuel		Saja, Arjun			Total	Multiplying Factor for timber & Fuel		Other			Total	Grand total
Cms	Con	Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		
21-30	S.	0.010	0.003	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	0.040	0.013	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	0.000
	H.S.	0.005	0.005	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.020	0.020	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.000
	F.	0.003	0.006	0	0.000	0.000	0.000	0.003	0.006	0	0.000	0.000	0.000	0.003	0.006	0	0.000	0.000	0.000	0.010	0.025	0	0.000	0.000	0.000	0.003	0.006	3	0.009	0.018	0.027	0.027
31-45	S.	0.040	0.010	0	0.000	0.000	0.000	0.020	0.005	0	0.000	0.000	0.000	0.015	0.004	0	0.000	0.000	0.000	0.080	0.020	0	0.000	0.000	0.000	0.015	0.004	0	0.000	0.000	0.000	0.000
	H.S.	0.020	0.020	0	0.000	0.000	0.000	0.010	0.010	0	0.000	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	0.040	0.040	0	0.000	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	0.000
	F.	0.010	0.025	0	0.000	0.000	0.000	0.005	0.013	0	0.000	0.000	0.000	0.004	0.009	0	0.000	0.000	0.000	0.020	0.050	0	0.000	0.000	0.000	0.004	0.009	64	0.256	0.576	0.832	0.832
46-60	S.	0.050	0.013	0	0.000	0.000	0.000	0.040	0.010	0	0.000	0.000	0.000	0.030	0.008	0	0.000	0.000	0.000	0.225	0.056	0	0.000	0.000	0.000	0.030	0.008	0	0.000	0.000	0.000	0.000
	H.S.	0.025	0.025	0	0.000	0.000	0.000	0.020	0.020	0	0.000	0.000	0.000	0.015	0.015	1	0.015	0.015	0.030	0.113	0.113	0	0.000	0.000	0.000	0.015	0.015	1	0.015	0.015	0.030	0.060
	F.	0.013	0.031	0	0.000	0.000	0.000	0.010	0.025	0	0.000	0.000	0.000	0.008	0.019	0	0.000	0.000	0.000	0.056	0.141	0	0.000	0.000	0.000	0.008	0.019	132	1.056	2.508	3.564	3.564
61-90	S.	0.140	0.035	0	0.000	0.000	0.000	0.140	0.035	0	0.000	0.000	0.000	0.100	0.025	0	0.000	0.000	0.000	0.336	0.084	0	0.000	0.000	0.000	0.080	0.020	0	0.000	0.000	0.000	0.000
	H.S.	0.070	0.070	0	0.000	0.000	0.000	0.070	0.070	0	0.000	0.000	0.000	0.050	0.050	0	0.000	0.000	0.000	0.168	0.168	0	0.000	0.000	0.000	0.040	0.040	0	0.000	0.000	0.000	0.000
	F.	0.035	0.088	0	0.000	0.000	0.000	0.035	0.088	0	0.000	0.000	0.000	0.025	0.063	0	0.000	0.000	0.000	0.084	0.210	0	0.000	0.000	0.000	0.020	0.050	155	3.300	8.250	11.550	11.550
91-120	S.	0.300	0.075	0	0.000	0.000	0.000	0.300	0.075	0	0.000	0.000	0.000	0.200	0.050	0	0.000	0.000	0.000	0.470	0.118	0	0.000	0.000	0.000	0.200	0.050	0	0.000	0.000	0.000	0.000
	H.S.	0.150	0.150	0	0.000	0.000	0.000	0.150	0.150	0	0.000	0.000	0.000	0.100	0.100	0	0.000	0.000	0.000	0.235	0.235	0	0.000	0.000	0.000	0.100	0.100	2	0.200	0.200	0.400	0.400
	F.	0.075	0.188	0	0.000	0.000	0.000	0.075	0.188	0	0.000	0.000	0.000	0.050	0.125	0	0.000	0.000	0.000	0.118	0.294	0	0.000	0.000	0.000	0.050	0.125	54	2.700	6.750	9.450	9.450
121-150	S.	0.500	0.125	0	0.000	0.000	0.000	0.550	0.138	0	0.000	0.000	0.000	0.400	0.100	0	0.000	0.000	0.000	0.710	0.178	0	0.000	0.000	0.000	0.400	0.100	0	0.000	0.000	0.000	0.000
	H.S.	0.250	0.250	0	0.000	0.000	0.000	0.275	0.275	0	0.000	0.000	0.000	0.200	0.200	0	0.000	0.000	0.000	0.355	0.355	0	0.000	0.000	0.000	0.200	0.200	1	0.200	0.200	0.400	0.400
	F.	0.125	0.313	0	0.000	0.000	0.000	0.138	0.344	0	0.000	0.000	0.000	0.100	0.250	0	0.000	0.000	0.000	0.178	0.444	0	0.000	0.000	0.000	0.100	0.250	11	1.100	2.750	3.850	3.850
151-180	S.	0.800	0.200	0	0.000	0.000	0.000	0.800	0.200	0	0.000	0.000	0.000	0.600	0.150	1	0.600	0.150	0.750	0.999	0.250	0	0.000	0.000	-0.002	0.600	0.150	0	0.000	0.000	0.000	0.750
	H.S.	0.400	0.400	0	0.000	0.000	0.000	0.400	0.400	0	0.000	0.000	0.000	0.300	0.300	0	0.000	0.000	0.000	0.500	0.500	0	0.000	0.000	0.000	0.300	0.300	5	1.500	1.500	3.000	3.000
	F.	0.200	0.500	0	0.000	0.000	0.000	0.200	0.500	0	0.000	0.000	0.000	0.150	0.375	0	0.000	0.000	0.000	0.250	0.624	0	0.000	0.000	0.000	0.150	0.375	8	1.200	3.000	4.200	4.200
181-210	S.	1.650	0.413	0	0.000	0.000	0.000	1.542	0.386	0	0.000	0.000	0.000	1.325	0.331	0	0.000	0.000	0.000	1.348	0.337	0	0.000	0.000	0.000	1.228	0.307	0	0.000	0.000	0.000	0.000
	H.S.	0.825	0.825	0	0.000	0.000	0.000	0.771	0.771	0	0.000	0.000	0.000	0.663	0.663	0	0.000	0.000	0.000	0.673	0.673	0	0.000	0.000	0.000	0.614	0.614	7	4.298	4.298	8.596	8.596
	F.	0.413	1.031	0	0.000	0.000	0.000	0.386	0.964	0	0.000	0.000	0.000	0.331	0.828	0	0.000	0.000	0.000	0.337	0.841	0	0.000	0.000	0.000	0.307	0.768	14	4.298	10.752	15.050	15.050
211-240	S.	2.207	0.552	0	0.000	0.000	0.000	2.065	0.516	0	0.000	0.000	0.000	1.693	0.423	0	0.000	0.000	0.000	1.791	0.448	0	0.000	0.000	0.000	1.610	0.403	0	0.000	0.000	0.000	0.000
	H.S.	1.104	1.104	0	0.000	0.000	0.000	1.033	1.033	0	0.000	0.000	0.000	0.847	0.847	0	0.000	0.000	0.000	0.895	0.895	0	0.000	0.000	0.000	0.810	0.810	6	4.860	4.860	9.720	9.720
	F.	0.552	1.379	0	0.000	0.000	0.000	0.516	1.291	0	0.000	0.000	0.000	0.423	1.058	0	0.000	0.000	0.000	0.448	1.120	0	0.000	0.000	0.000	0.405	1.012	14	5.670	14.168	19.838	19.838
Over 240	S.	2.832	0.708	0	0.000	0.000	0.000	2.456	0.614	0	0.000	0.000	0.000	2.016	0.504	0	0.000	0.000	0.000	2.054	0.514	0	0.000	0.000	0.000	1.918	0.479	0	0.000	0.000	0.000	0.000
	H.S.	1.416	1.416	0	0.000	0.000	0.000	1.228	1.228	0	0.000	0.000	0.000	1.008	1.008	0	0.000	0.000	0.000	1.027	1.027	0	0.000	0.000	0.000	0.955	0.955	6	5.730	5.730	11.460	11.460
	F.	0.708	1.770	0	0.000	0.000	0.000	0.614	1.535	0	0.000	0.000	0.000	0.504	1.260	0	0.000	0.000	0.000	0.514	1.284	0	0.000	0.000	0.000	0.478	1.194	11	5.258	13.134	18.392	18.392
Total				0	0.000	0.000	0.000			0	0.000	0.000	0.000			0	0.000	0.000	0.000			0	0.000	0.000	0.000			504	41.833	79.709	120.538	121.138

एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत वनवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विदोहन योजना प्रारूप – खोखरी

वनपरिक्षेत्र –कटघोरा

गोशवारा

गोलाईवार चिन्हांकित वृक्षों एवं ठूठों की संख्या				
गोलाई वर्ग		वृक्ष	S	F
21-30		3	0.009	0.018
31-40		64	0.256	0.576
41-60		134	1.066	2.538
61-90		165	3.300	8.250
91-120		56	2.800	6.950
121-150		12	1.300	2.950
151-180		14	3.300	4.550
181-210		21	6.595	15.050
211-240		20	10.530	19.036
Over 240		17	10.988	18.964
Total		506	42.268	78.874

अनुमानित उत्पादन		
ईंधनकी (घ.मी. में)		42.268
जलाऊ (घ.मी. में)		78.874
जलाऊ (बट्टों में)		131
योग (घ.मी. में)		121.139

वन परिक्षेत्राधिकारी
कटघोरा परिक्षेत्र

एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत व्यपवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विदोहन योजना ग्राम – खोडरी

वनपरिक्षेत्र –कटघोरा

मजदूरी दर – रू. 309 प्रतिदिन के आधार पर -

अ.क्र.	वनमंडल का नाम	कार्य वृत्त	पातन श्रेणी	अनुमानित उत्पादन			योग (05+07)	02 मजदूरी 004 अन्य मजदूरी (5.25 मा.दि.) प्र. घ.मी. = 1622.25	27 लघु निर्माण कार्य 004 अन्य आकस्मिक मजदूरी (3.75 मा.दि) प्र.घ.मी. = 1158.75	24 अनुरक्षण कार्य, 012 अन्य अनुरक्षण कार्य (3.50 मा.दि.) प्र.घ.मी. = 1081.50	25 सामग्री और पूर्तिया 006 अन्य व्यय (2.00 मा. दि.) प्र.घ.मी. = 618.00	योग (9+10+11+12)	रिमार्क
				ईमारती घ.मी.	जलाऊ लकड़ी चट्टा में	जलाऊ लकड़ी घ.मी. में							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	कटघोरा	एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत व्यपवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विदोहन योजना	एस.ई. सी.एल अर्जित भूमि	42.265	131	78.874	121.139	196517.74	140369.82	131011.83	74863.90	542763.29	
परिवहन व्यय (लोडिंग , अनलोडिंग सहित) – 12.718 घ.मी. @ 680.00/. प्रति घन मीटर												82374.52	
योग –												**625137.81**	
20% वृद्धि (कम्प्यूटर वर्क व स्टेशनरी, प्रोजेक्ट निर्माण, वाहन मरम्मत आदि)												**125027.56**	
												750165.37	
											या	**750165.00**	
(रू. सात लाख पचास हजार एक सौ पैंसठ रू मात्र)													

वनपरिक्षेत्राधिकारी
कटघोरा

वृक्ष गणना फार्म ग्राम - खाडसे राजस्व वनभूमि

परिक्षेत्र - गोवरा | पक्ष - पूर्व - दीपका | वनमंडल - कटघोरा

क्रमांक	प्रजाति	घेरा (सेमी)	हालत	रिमार्क
1.	सीरस	56 सेमी.	जलाऊ	
2.	सतवन	44 सेमी.	—"—	
3.	सीरस	114 सेमी.	—"—	
4.	—"—	54 सेमी	—"—	
5.	—"—	64 सेमी.	—"—	
6.	अन्य प्रजाति (चिरौंजी)	54 सेमी.	—"—	
7.	सिरस	62	—"—	
8.	सतवन	94	—"—	
9.	महुआ	170	—"—	
10.	चिरौंजी	30	—"—	
11.	सतवन	36	—"—	
12.	—"—	60	—"—	
13.	सिरस	68	—"—	
14.	सतवन	54	—"—	
15.	करंज	28	—"—	
16.	सीरस	44	—"—	
17.	—"—	70	—"—	
18.	सतवन	56	—"—	
19.	बहेरा	110	—"—	
20	महुआ	110	अ हैडमारती	
21.	करंज	32	जलाऊ	
22	सतवन	64	—"—	
23	—"—	104	—"—	
24	पेल्यफार्म	50	—"—	
25	नीम	64	—"—	
26	सतवन	54	—"—	
27.	पेल्यफार्म	68	—"—	
28.	सतवन	46	—"—	
29.	लड़ी तरु	56	—"—	
30.	पेल्टाफार्म	98	—"—	
31.	अन्य	76	—"—	

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क्र.सं.	प्रजाति	छाती गोल (सेमी)	हालत	रिमार्क
32.	पेल्टाफार्म	48	जलाऊ	
33.	लक्ष्मीतरु	74	—"—	
34.	सतवन	52	—"—	
35.	पेल्टाफार्म	90	—"—	
36	लक्ष्मीतरु	50	—"—	
37.	पेल्टाफार्म	50	—"—	
38.	—"—	64	—"—	
39.	सतवन	40	—"—	
40.	पेल्टाफार्म	88	—"—	
41.	लक्ष्मीतरु	54	—"—	
42.	सतवन	92	—"—	
43.	चिरौंजी	40	—"—	
44.	सतवन	98	—"—	
45.	—"—	66	—"—	
46.	पेल्टाफार्म	72	—"—	
47.	—"—	80	—"—	
48.	—"—	88	—"—	
49.	सतवन	50	—"—	
50	—"—	80	—"—	
51	—"—	74	—"—	
52.	—"—	144	—"—	
53.	महानीम	60	—"—	
54.	हल्दू (कलमी)	58	अर्द्धसूखा	
55.	सतवन	72	जलाऊ	
56.	—"—	46	—"—	
57.	—"—	112	—"—	
58.	—"—	36	—"—	
59.		76	—"—	
60.	पेल्टाफार्म	74	—"—	
61.	सतवन	54	—"—	
62.	—"—	100	—"—	वन परिक्षेत्र अधिकारी
63.	पेल्टाफार्म	74	—"—	वन परिक्षेत्र कटघोरा

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क्र०	प्रजाति	क्षेत्रफल (सें०मी०)	स्थान	रिमार्क
64.	पेल्टाफार्म	70	जलाऊ	
65.	महुआ	122	—"—	
66.	सलवन	42	—"—	
67.	पेल्टाफार्म	86	—"—	
68.	—"—	46	—"—	
69.	सलवन	72	—"—	
70.	पेल्टाफार्म	62	—"—	
71.	सलवन	54	—"—	
72.	पेल्टाफार्म	66	—"—	
73	—"—	52	—"—	
74	करंज	34	—"—	
75	—"—	84	—"—	
76	—"—	48	—"—	
77	टेन्दु	140	—"—	
78	मोसम	252	—"—	
79.	हल्दू	174	ईमारती	
80	महुआ	180	जलाऊ	
81	हर्रा	190	ईमारती	
82	मोसम	206	जलाऊ	
83	चिरौंल	58	—"—	
84	सिरस	68	—"—	
85	केसियासियामिया	76	—"—	
86	सिरस	74	—"—	
87	चिरौंल	40	—"—	
88	सलवन	86	—"—	
89	—"—	108	—"—	
90	—"—	86	—"—	
91.	चिरौंल	36	—"—	
92.	सलवन	104	—"—	
93	सिरस	68	—"—	
94.	केसियासियामिया	52	—"—	
95.	सलवन	64	—"—	

वन परिक्षेत्र अधिकारी
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96	जामुन	78	जलाऊ	
97.	सतवन	48	—"—	
98	चिरौंजी	46	—"—	
99	सिरस	66	—"—	
100	सतवन	64	—"—	
101	अर्जुन	42	—"—	
102.	सतवन	56	—"—	
103.	—"—	72	—"—	
104	सिरस	86	—"—	
105	महुआ	270	—"—	
106	कोसम	210	—"—	
107	—"—	250	—"—	
108	—"—	230	—"—	
109	बरगद कोसम	250	—"—	
110	कोसम	270	—"—	
111	पेल्टाफार्म	472	—"—	
112	कदम्ब	144	अढ़ईसाली	
113	कचनार	48	जलाऊ	
114	सतवन	40	—"—	
115	पेल्टाफार्म	114	—"—	
116	सतवन	66	—"—	
117	पेल्टाफार्म	72	—"—	
118	—"—	72	—"—	
119	—"—	86	—"—	
120	—"—	44	—"—	
121	—"—	62	—"—	
122	—"—	96	—"—	
123	सतवन	62	—"—	
124	पेल्टाफार्म	98	—"—	
125	—"—	64	—"—	वन परिक्षेत्र अधिकारी
126	—"—	36	—"—	वन परिक्षेत्र कटघोरा
127	चिरौंजी	36	—"—	

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Date: / /

128.	चिरौल	84	जलाऊ	
129.	सिरस	64	—॥—	
130	चिरौल	62	—॥—	
131.	—॥—	42	—॥—	
132.	करंज	84	—॥—	
133.	सिरस	64	—॥—	
134	अर्जुन	32	—॥—	
135.	शिशम	40	—॥—	
136.	चिरौल	120	—॥—	
137.	शिशम	48	—॥—	
138.	चिरौल	56	—॥—	
139	—॥—	66	—॥—	
140.	—॥—	64	—॥—	
141	शिशम	76	—॥—	
142.	चिरौल	68	—॥—	
143	—॥—	70	—॥—	
144	अर्जुन	52	—॥—	
145	पेल्टाफार्म	134	—॥—	
146	—॥—	100	—॥—	
147	सतवन	52	—॥—	
148	पेल्टाफार्म	110	—॥—	
149	सतवन	74	—॥—	
150	पेल्टाफार्म	102	—॥—	
151	महानीम	42	—॥—	
152	पेल्टाफार्म	152	—॥—	
153	—॥—	128	—॥—	
154	—॥—	102	—॥—	
155	कुरुआ (अर्जुन)	42	—॥—	
156	पेल्टाफार्म	118	—॥—	
157	—॥—	102	—॥—	वन परिक्षेत्र अधिकारी
158	सतवन	28	—॥—	वन परिक्षेत्र पटपोरा
159.	पेल्टाफार्म	98	—॥—	

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160	सतवन	62	जलाऊ	
161	पेल्टाफार्म	88	—"—	
162	सतवन	48	—"—	
163	पेल्टाफार्म	68	—"—	
164	कहुआ	32	—"—	
165	पेल्टाफार्म	92	—"—	
166	—"—	98	—"—	
167	करंज	46	—"—	
168	शिरीष	42	—"—	
169	पेल्टाफार्म	102	—"—	
170	—"—	118	—"—	
171	—"—	66	—"—	
172	—"—	88	—"—	
173	कहुआ	42	—"—	
174	करंज	38	—"—	
175	सतवन	68	—"—	
176	पेल्टाफार्म	62	—"—	
177	सतवन	58	—"—	
178	पेल्टाफार्म	148	—"—	
179	सिरस	88	—"—	
180	पेल्टाफार्म	78	—"—	
181	करंज	60	—"—	
182	महुआ	168	—"—	
183	लक्ष्मीतरु	32	—"—	
184	पेल्टाफार्म	84	—"—	
185	नीम	72	—"—	
186	पेल्टाफार्म	54	—"—	
187	—"—	132	—"—	
188	—"—	38	—"—	
189	सतवन	54	—"—	वन परिक्षेत्र अधिकारी
190	पेल्टाफार्म	78	—"—	वन परिक्षेत्र कटघोरा
191	महुआ	252	—"—	

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192	चियेल	64	जलाऊ	
193	लकड़ीतह	88	—"—	
194	पेल्टाफार्म	58	—"—	
195	—"—	102	—"—	
196	—"—	88	—"—	
197	—"—	88	—"—	
198	—"—	52	—"—	
199	—"—	88	—"—	
200	—"—	92	—"—	
201	—"—	64	—"—	
202	सतवन	52	—"—	
203	पेल्टाफार्म	122	—"—	
204	—"—	104	—"—	
205	—"—	72	—"—	
206	सतवन	52	—"—	
207	पेल्टाफार्म	104	—"—	
208	सतवन	72	—"—	
209	करंज	42	—"—	
210	—"—	56	—"—	
211	—"—	42	—"—	
212	—"—	44	—"—	
213	पेल्टाफार्म	72	—"—	
214	—"—	128	—"—	
215	—"—	42	—"—	
216	—"—	74	—"—	
217	—"—	58	—"—	
218	—"—	58	—"—	
219	करंज	42	—"—	
220	—"—	54	—"—	
221	—"—	42	—"—	
222	पेल्टाफार्म	52	—"—	
223	—"—	102	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

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224	सतवन	72	जलाऊ	
225	पेल्टाफार्म	46	—"—	
226	सतवन	74	—"—	
227	पेल्टाफार्म	42	—"—	
228	करंज	82	—"—	
229	—"—	38	—"—	
230	पेल्टाफार्म	58	—"—	
231	—"—	58	—"—	
232	—"—	72	—"—	
233	करंज	42	—"—	
234	—"—	42	—"—	
235	—"—	58	—"—	
236	महुआ	280	—"—	
237	करंज	46	—"—	
238	—"—	100	—"—	
239	—"—	62	—"—	
240	—"—	70	—"—	
241	—"—	72	—"—	
242	—"—	48	—"—	
243	केसिया सियामिया	70	—"—	
244	करंज	58	—"—	
245	नीम	46	—"—	
246	करंज	60	—"—	
247	—"—	46	—"—	
248	—"—	46	—"—	
249	पेल्टाफार्म	60	—"—	
250	—"—	112	—"—	
251	सतवन	70	—"—	
252	पेल्टाफार्म	52	—"—	
253	कोसम	272	—"—	
254	महुआ	228	—"—	
255	—"—	202	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Signature

Date: / /

256	महुआ	172	जलाऊ	
257	—"—	230	—"—	
258	—"—	268	—"—	
259	कोसम	296	—"—	
260	महुआ	170	अईईमारती	
261	—"—	202	—"—	
262	करंज	58	जलाऊ	
263	—"—	70	—"—	
264	—"—	62	—"—	
265	—"—	72	—"—	
266	—"—	58	—"—	
267	लक्ष्मीतरु	80	—"—	
268	करंज	52	—"—	
269	—"—	82	—"—	
270	कोसम	360	—"—	
271	करंज	58	—"—	
272	महुआ	200	—"—	
273	—"—	158	अईईमारती	
274	—"—	180	जलाऊ	
275	—"—	272	अ० ईमारती	
276	—"—	258	जलाऊ	
277	—"—	202	—"—	
278	—"—	200	—"—	
279	—"—	132	—"—	
280	चिरौंजि	58	—"—	
281	—"—	100	—"—	
282	—"—	78	—"—	
283	चिरौंजि	58	—"—	
284	शिरस	90	—"—	
285	महुआ	228	—"—	
286	चिरौंजि	58	—"—	
287	लक्ष्मीतरु	54	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कांकेर

Signature _____

Page: ____
Date: / /

288	चिरौंजी	80	जलाऊ	
289	—"—	64	—"—	
290	सिरस	58	—"—	
291	चिरौंजी	60	—"—	
292	महुआ	328	अर्द्धईमारती	
293	—"—	180	—"—	
294	—"—	190	जलाऊ	
295	चिरौंजी	72	—"—	
296	—"—	52	—"—	
297	—"—	58	—"—	
298	—"—	88	—"—	
299	—"—	58	—"—	
300	—"—	58	—"—	
301	—"—	64	—"—	
302	—"—	132	—"—	
303	पेल्टाफार्म	54	—"—	
304	—"—	72	—"—	
305	—"—	132	—"—	
306	सतवन	74	—"—	
307	कहुआ (अर्जुन)	38	—"—	
308	मतकम	112	—"—	
309	चिरौंजी	80	—"—	
310	महुआ	220	—"—	
311	कोसम	188	—"—	
312	महुआ	228	अर्द्धईमारती	
313	कोसम	200	जलाऊ	
314	महुआ	228	—"—	
315	—"—	240	—"—	
316	कोसम	298	—"—	
317	महुआ	398	—"—	
318	—"—	188	—"—	
319	—"—	204	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Signature _____

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Date: / /

320	महुआ	200	अर्द्धईमारती	
321	—"—	282	—"—	
322	कोसम	200	जलाऊ	
323	—"—	178	—"—	
324	महुआ	158	अर्द्धईमारती	
325	—"—	228	—"—	
326	कोसम	212	जलाऊ	
327	—"—	278	—"—	
328	सतवन	88	—"—	
329	—"—	58	—"—	
330	लक्ष्मीतरु	90	—"—	
331	पेल्टाफार्म	60	—"—	
332	लक्ष्मीतरु	72	—"—	
333	पेल्टाफार्म	54	—"—	
334	लक्ष्मीतरु	62	—"—	
335	जामुन	104	अर्द्धईमारती	
336	बहेरा	52	—"—	
337	पेल्टाफार्म	50	जलाऊ	
338	चिरौंजी	38	—"—	
339	पेल्टाफार्म	56	—"—	
340	—"—	40	—"—	
341	—"—	70	—"—	
342	चिरौंजी	56	—"—	
343	पेल्टाफार्म	52	—"—	
344	—"—	70	—"—	
345	कंजे	46	—"—	
346	पेल्टाफार्म	60	—"—	
347	लक्ष्मीतरु	58	—"—	
348	नीम	80	—"—	
349	चिरौंजी	56	—"—	
350	—"—	54	—"—	
351	पेल्टाफार्म	70	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Signature _____

352	पेल्टाफार्म	52	जलाऊ	
353	—"—	58	—"—	
354	—"—	50	—"—	
355	—"—	72	—"—	
356	चिरौंजी	46	—"—	
357	महुआ	52	—"—	
358	चिरौंजी	58	—"—	
359	—"—	58	—"—	
360	—"—	50	—"—	
361	—"—	36	—"—	
362	—"—	70	—"—	
363	—"—	62	—"—	
364	महुआ	42	—"—	
365	शिशम	70	—"—	
366	पेल्टाफार्म	50	—"—	
367	—"—	56	—"—	
368	—"—	110	—"—	
369	शिशम	54	—"—	
370	पेल्टाफार्म	64	—"—	
371	अन्य प्रजाति	70	—"—	
372	पेल्टाफार्म	52	—"—	
373	—"—	60	—"—	
374	—"—	110	—"—	
375	बहेरा	64	अर्द्धजलाऊ	
376	चिरौंजी	40	जलाऊ	
377	पेल्टाफार्म	82	—"—	
378	—"—	40	—"—	
379	महुआ	180	अर्द्धजलाऊ	
380	—"—	200	—"—	
381	—"—	190	—"—	
382	—"—	218	जलाऊ	
383	—"—	200	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Signature _____

384	महुआ	220	अर्जुनभारती	
385	—"—	258	जलाऊ	
386	—"—	260	—"—	
387	चिरौंजी	60	—"—	
388	—"—	30	—"—	
389	—"—	34	—"—	
390	—"—	70	—"—	
391	पेल्टाफार्म	82	—"—	
392	सतवन	54	—"—	
393	लक्ष्मीतरु	100	—"—	
394	पेल्टाफार्म	80	—"—	
395	लक्ष्मीतरु	66	—"—	
396	पेल्टाफार्म	48	—"—	
397	लक्ष्मीतरु	54	—"—	
398	पेल्टाफार्म	88	—"—	
399	—"—	104	—"—	
400	लक्ष्मीतरु	64	—"—	
401	—"—	70	—"—	
402	पेल्टाफार्म	60	—"—	
403	लक्ष्मीतरु	110	—"—	
404	पेल्टाफार्म	76	—"—	
405	लक्ष्मीतरु	74	—"—	
406	सतवन	40	—"—	
407	पेल्टाफार्म	68	—"—	
408	सतवन	78	—"—	
409	पेल्टाफार्म	68	—"—	
410	नीम	46	—"—	
411	चिरौंजी	80	—"—	
412	—"—	80	—"—	वन परिक्षेत्र अधिकारी
413	सतवन	52	—"—	वन परिक्षेत्र कटघोरा
414	पेल्टाफार्म	110	—"—	
415	—"—	52	—"—	

Signature _____

416	पेल्टाफार्म	70	जलाऊ	
417	महुआ	364	अर्द्धमाली	
418	चिरौंजी	56	जलाऊ	
419	—"—	34	—"—	
420	शिशु	54	—"—	
421	पेल्टाफार्म	92	—"—	
422	सतवन	60	—"—	
423	पेल्टाफार्म	110	—"—	
424	—"—	68	—"—	
425	सतवन	74	—"—	
426	पेल्टाफार्म	104	—"—	
427	चिरौंजी	54	—"—	
428	सतवन	70	—"—	
429	चिरौंजी	42	—"—	
430	केसियासियामिया	50	—"—	
431	—"—	54	—"—	
432	पेल्टाफार्म	114	—"—	
433	सतवन	56	—"—	
434	पेल्टाफार्म	76	—"—	
435	—"—	54	—"—	
436	चिरौंजी	48	—"—	
437	केसियासियामिया	70	—"—	
438	—"—	58	—"—	
439	पेल्टाफार्म	90	—"—	
440	महुआ	222	अर्द्धमाली	
441	—"—	160	—"—	
442	—"—	190	—"—	
443	केसियासियामिया	70	जलाऊ	
444	—"—	80	—"—	वन परिक्षेत्र अधिकारी
445	शीशम	60	—"—	वन परिक्षेत्र कटघोरा
446	चिरौंजी	44	—"—	
447	केसियासियामिया	66	—"—	

Signature _____

448	चिरौंल	64	जलाऊ	
449	—"—	40	—"—	
450	महुआ	240	अठईसाल	
451	—"—	240	—"—	
452	—"—	280	—"—	
453	—"—	244	—"—	
454	चिरौंल	60	जलाऊ	
455	पेल्टाफार्म	60	—"—	
456	सीरस	70	—"—	
457	आम	45	—"—	
458	आंवला	40	—"—	
459	चिरौंल	72	—"—	
460	—"—	38	—"—	
461	शिशु	38	—"—	
462	सिरस	66	—"—	
463	शिशु	36	—"—	
464	सिरस	88	—"—	
465	पेल्टाफार्म	94	—"—	
466	लक्ष्मीतरु	52	—"—	
467	जामुन	42	—"—	
468	पेल्टाफार्म	100	—"—	
469	—"—	110	—"—	
470	सतवन	44	—"—	
471	पेल्टाफार्म	94	—"—	
472	लक्ष्मीतरु	44	—"—	
473	पेल्टाफार्म	110	—"—	
474	लक्ष्मीतरु	68	—"—	
475	पेल्टाफार्म	92	—"—	
476	—"—	72	—"—	
477	सतवन	56	—"—	वन परिक्षेत्र अधिकारी
478	सिरस	44	—"—	वन परिक्षेत्र कटघोरा
479	जामुन	44	—"—	

Signature _____

Genius
Page:
Date: / /

480	सतवन	60	जलाऊ	
481	—"—	66	—"—	
482	पेल्टाफार्म	108	—"—	
483	सतवन	50	—"—	
484	पेल्टाफार्म	82	—"—	
485	सतवन	36	—"—	
486	पेल्टाफार्म	60	—"—	
487	सतवन	54	—"—	
488	पेल्टाफार्म	80	—"—	
489	सतवन	48	—"—	
490	पेल्टाफार्म	80	—"—	
491	सतवन	48	जलाऊ	
492	पेल्टाफार्म	64	—"—	
493	सतवन	64	—"—	
494	पेल्टाफार्म	104	—"—	
495	कहुआ	36	—"—	
496	जामुन	50	—"—	
497	शिशम	48	—"—	
498	लहसौना	60	—"—	
499	पेल्टाफार्म	80	—"—	
500	कहुआ	36	—"—	
501	चिरौंजी	62	—"—	
502	सिरस	90	—"—	
503	पेल्टाफार्म	94	—"—	
504	कोसम	220	—"—	
505	लहसौना	60	—"—	
506	पेल्टाफार्म	68	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

गोरखारा वृक्ष गिनती ग्राम- खोड़री राजस्व वन भूमि

परिसर - गेवरा, प०स० बूत. की पिला, परिक्षेत्र - कटघोरा, वन मं. - कटघोरा

		21/30	31/45	46/60	61/75	76/90	91/120	121/150	151/180	181/210	211/240	241 से ऊपर	योग	
हल्दू जाति IIclass	ईमारती	-	-	-	-	-	-	-	1	-	-	-	1	1
	अ०ई०	-	-	1	-	-	-	-	-	-	-	-	1	
	जलाऊ	-	-	-	-	-	-	-	-	-	-	-	-	
योग		-	-	1	-	-	-	-	1	-	-	-	2	
IIIclass अन्यजाति	ईमारती	-	-	-	-	-	-	-	-	-	-	-	-	
	अ०ई	-	-	1	-	-	2	1	5	7	6	6	28	
	जलाऊ	3	64	132	107	58	54	11	8	14	14	11	476	
योग		3	64	133	107	58	56	12	13	21	20	17	504	
कुल योग													506 नग	

कपाल पं० गेवरा

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Timber - 1 = 1
Firewood - 476 = 476
others - 29 = 29
/506

VOLUME FORM

एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत व्यपवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विवरण गणना

व्यपवर्तित क्षेत्र – कटघोरा

Girth Class Cms	Species	Multiplying factor for timber & Fuel		Saal, Segaun			Total	Multiplying Factor for timber & Fuel		Bija, Tinsa, Shisham, Mahua			Total	Multiplying Factor for timber & Fuel		Haldu, Mundi, Kasai			Total	Multiplying Factor for timber & Fuel		Saja, Arjun			Total	Multiplying Factor for timber & Fuel		Other			Total	Grand total
		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		Timber	Fuel	No	Timber	Fuel		
21-30	S.	0.210	0.002	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	0.040	0.010	0	0.000	0.000	0.000	0.010	0.003	0	0.000	0.000	0.000	[illegible]
	H.S.	0.005	0.005	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	0.020	0.020	0	0.000	0.000	0.000	0.005	0.005	0	0.000	0.000	0.000	[illegible]
	F.	0.003	0.006	0	0.000	0.000	0.000	0.003	0.006	0	0.000	0.000	0.000	0.003	0.006	0	0.000	0.000	0.000	0.010	0.025	0	0.000	0.000	0.000	0.003	0.006	0	0.000	0.000	0.000	[illegible]
31-45	S.	0.340	0.010	0	0.000	0.000	0.000	0.020	0.005	0	0.000	0.000	0.000	0.010	0.004	0	0.000	0.000	0.000	0.030	0.020	0	0.000	0.000	0.000	0.010	0.004	0	0.000	0.000	0.000	[illegible]
	H.S.	0.020	0.020	0	0.000	0.000	0.000	0.010	0.010	0	0.000	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	0.040	0.040	0	0.000	0.000	0.000	0.008	0.008	0	0.000	0.000	0.000	[illegible]
	F.	0.010	0.025	0	0.000	0.000	0.000	0.005	0.013	0	0.000	0.000	0.000	0.004	0.009	0	0.000	0.000	0.000	0.020	0.050	0	0.000	0.000	0.000	0.004	0.009	0	0.000	0.000	0.000	[illegible]
46-60	S.	0.350	0.013	0	0.000	0.000	0.000	0.040	0.010	0	0.000	0.000	0.000	0.030	0.008	0	0.000	0.000	0.000	0.225	0.056	0	0.000	0.000	0.000	0.030	0.008	0	0.000	0.000	0.000	[illegible]
	H.S.	0.025	0.025	0	0.000	0.000	0.000	0.020	0.020	0	0.000	0.000	0.000	0.015	0.015	0	0.000	0.000	0.000	0.113	0.113	0	0.000	0.000	0.000	0.015	0.015	0	0.000	0.000	0.000	[illegible]
	F.	0.015	0.031	0	0.000	0.000	0.000	0.010	0.025	0	0.000	0.000	0.000	0.008	0.019	0	0.000	0.000	0.000	0.056	0.141	0	0.000	0.000	0.000	0.008	0.019	0	0.064	0.152	0.216	[illegible]
61-90	S.	0.140	0.035	1	0.140	0.035	0.175	0.140	0.035	0	0.000	0.000	0.000	0.180	0.045	0	0.000	0.000	0.000	0.336	0.084	0	0.000	0.000	0.000	0.080	0.020	0	0.000	0.000	0.000	[illegible]
	H.S.	0.070	0.070	0	0.000	0.000	0.000	0.070	0.070	0	0.000	0.000	0.000	0.090	0.090	0	0.000	0.000	0.000	0.168	0.168	0	0.000	0.000	0.000	0.040	0.040	3	0.120	0.120	0.240	[illegible]
	F.	0.035	0.088	0	0.000	0.000	0.000	0.035	0.088	0	0.000	0.000	0.000	0.045	0.113	0	0.000	0.000	0.000	0.084	0.210	0	0.000	0.000	0.000	0.020	0.050	21	0.420	1.050	1.470	[illegible]
91-120	S.	0.100	0.075	0	0.000	0.000	0.000	0.100	0.075	0	0.000	0.000	0.000	0.200	0.050	0	0.000	0.000	0.000	0.470	0.118	0	0.000	0.000	0.000	0.200	0.050	0	0.000	0.000	0.000	[illegible]
	H.S.	0.150	0.150	0	0.000	0.000	0.000	0.150	0.150	0	0.000	0.000	0.000	0.100	0.100	0	0.000	0.000	0.000	0.235	0.235	0	0.000	0.000	0.000	0.100	0.100	3	0.300	0.300	0.600	[illegible]
	F.	0.075	0.188	0	0.000	0.000	0.000	0.075	0.188	0	0.000	0.000	0.000	0.050	0.125	0	0.000	0.000	0.000	0.118	0.294	0	0.000	0.000	0.000	0.050	0.125	16	0.800	2.000	2.800	[illegible]
121-150	S.	0.500	0.125	1	0.500	0.125	0.625	0.500	0.125	0	0.000	0.000	0.000	0.400	0.100	0	0.000	0.000	0.000	0.710	0.178	0	0.000	0.000	0.000	0.400	0.100	0	0.000	0.000	0.000	[illegible]
	H.S.	0.250	0.250	0	0.000	0.000	0.000	0.275	0.275	0	0.000	0.000	0.000	0.200	0.200	0	0.000	0.000	0.000	0.355	0.355	0	0.000	0.000	0.000	0.200	0.200	3	0.600	0.600	1.200	[illegible]
	F.	0.125	0.313	0	0.000	0.000	0.000	0.138	0.344	0	0.000	0.000	0.000	0.100	0.250	0	0.000	0.000	0.000	0.178	0.444	0	0.000	0.000	0.000	0.100	0.250	11	1.100	2.750	3.850	[illegible]
151-180	S.	0.800	0.200	2	1.600	0.400	2.000	0.800	0.200	0	0.000	0.000	0.000	0.600	0.150	0	0.000	0.000	0.000	0.900	0.225	0	0.000	0.000	0.000	0.600	0.150	0	0.000	0.000	0.000	[illegible]
	H.S.	0.400	0.400	1	0.400	0.400	0.800	0.400	0.400	0	0.000	0.000	0.000	0.300	0.300	0	0.000	0.000	0.000	0.500	0.500	0	0.000	0.000	0.000	0.300	0.300	0	0.000	0.000	0.000	[illegible]
	F.	0.200	0.500	0	0.000	0.000	0.000	0.200	0.500	0	0.000	0.000	0.000	0.150	0.375	0	0.000	0.000	0.000	0.250	0.624	0	0.000	0.000	0.000	0.150	0.375	2	0.300	0.750	1.050	[illegible]
181-210	S.	1.650	0.413	0	0.000	0.000	0.000	1.542	0.386	0	0.000	0.000	0.000	1.325	0.331	0	0.000	0.000	0.000	1.348	0.337	0	0.000	0.000	0.000	1.228	0.307	0	0.000	0.000	0.000	[illegible]
	H.S.	0.825	0.825	0	0.000	0.000	0.000	0.771	0.771	0	0.000	0.000	0.000	0.663	0.663	0	0.000	0.000	0.000	0.673	0.673	0	0.000	0.000	0.000	0.614	0.614	2	1.228	1.228	2.456	[illegible]
	F.	0.413	1.031	0	0.000	0.000	0.000	0.386	0.964	0	0.000	0.000	0.000	0.331	0.828	0	0.000	0.000	0.000	0.337	0.841	0	0.000	0.000	0.000	0.307	0.768	3	0.921	2.304	3.225	[illegible]
211-240	S.	2.207	0.552	0	0.000	0.000	0.000	2.065	0.516	0	0.000	0.000	0.000	1.653	0.413	0	0.000	0.000	0.000	1.751	0.438	0	0.000	0.000	0.000	1.639	0.410	0	0.820	0.205	0.205	[illegible]
	H.S.	1.104	1.104	0	0.000	0.000	0.000	1.033	1.033	0	0.000	0.000	0.000	0.827	0.827	0	0.000	0.000	0.000	0.875	0.875	0	0.000	0.000	0.000	0.820	0.820	1	0.820	0.820	1.640	[illegible]
	F.	0.552	1.379	0	0.000	0.000	0.000	0.516	1.291	0	0.000	0.000	0.000	0.413	1.034	0	0.000	0.000	0.000	0.438	1.094	0	0.000	0.000	0.000	0.410	1.025	2	0.820	2.050	2.870	[illegible]
Over 240	S.	2.832	0.658	0	0.000	0.000	0.000	2.456	0.614	0	0.000	0.000	0.000	2.016	0.504	0	0.000	0.000	0.000	2.064	0.516	0	0.000	0.000	0.000	1.910	0.478	6	11.460	2.868	14.328	[illegible]
	H.S.	1.316	1.316	2	2.632	2.632	5.264	1.228	1.228	0	0.000	0.000	0.000	1.008	1.008	0	0.000	0.000	0.000	1.027	1.027	0	0.000	0.000	0.000	0.955	0.955	7	6.685	6.685	13.370	[illegible]
	F.	0.658	1.645	0	0.000	0.000	0.000	0.614	1.535	0	0.000	0.000	0.000	0.504	1.260	0	0.000	0.000	0.000	0.514	1.284	0	0.000	0.000	0.000	0.478	1.194	0	0.000	0.000	0.000	[illegible]
Total				7	5.272	3.292	8.564			0	0.000	0.000	0.000			0	0.000	0.000	0.000			0	0.000	0.000	0.000			57	28.634	23.722	48.356	[illegible]

VOLUME FORM

एच.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत मध्यवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विवरण गोशवारा

वनपरिक्षेत्र –कटघोरा

गोशवारा

गोलाईवार चिन्हांकित वृक्षों एवं ठूंठों की संख्या				
गोलाई वर्ग		वृक्ष	S	F
21-30		0	0.000	0.000
31-45		9	0.036	0.081
46-60		8	0.064	0.152
61-90		25	0.680	1.205
91-120		19	1.100	2.300
121-150		15	2.200	3.475
151-180		5	2.300	1.550
181-210		5	2.149	3.532
211-240		3	1.620	2.834
Over 240		15	20.777	12.185
Total		104	30.926	27.314

अनुमानित उत्पादन		
ईंधारी (घ.मी. में)		30.926
जलाऊ (घ.मी. में)		27.314
जलाऊ (बट्टों में)		46
योग (घ.मी. में)		58.240

वन परिक्षेत्राधिकारी
कटघोरा परिक्षेत्र

एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत व्यपवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विदोहन योजना

वनपरिक्षेत्र -कटघोरा

मजदूरी दर – रू. 309 प्रतिदिन के आधार पर

अ.क्र.	वनमंडल का नाम	कार्य वृत्त	पातन श्रेणी	अनुमानित उत्पादन			योग (05+07)	02 मजदूरी 004 अन्य मजदूरी (5.25 मा.दि.) प्र. घ.मी. = 1622.25	27 लघु निर्माण कार्य 004 अन्य आकस्मिक मजदूरी (3.75 मा.दि) प्र.घ.मी. = 1158.75	24 अनुरक्षण कार्य, 012 अन्य अनुरक्षण कार्य (3.50 मा.दि.) प्र.घ.मी. = 1081.50	25 सामग्री और पूर्तिया 006 अन्य व्यय (2.00 मा.दि.) प्र.घ.मी. = 618.00	योग (9+10+11+12)	रिमार्क
				ईमारती घ.मी.	जलाऊ लकड़ी चट्टा में	जलाऊ लकड़ी घ.मी. में							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	कटघोरा	एस.ई.सी.एल. गेवरा क्षेत्र द्वारा गेवरा ओपन कास्ट परियोजना रकबा 94.293 हे. हेतु वन संरक्षण अधिनियम 1980 अंतर्गत व्यपवर्तन प्रस्ताव हेतु प्रस्तावित एरिया में आने वाले वृक्षों की विदोहन योजना	एस.ई.सी.एल अर्जित भूमि	30.926	46	27.314	58.240	94479.84	67485.60	62986.56	35992.32	260944.32	
परिवहन व्यय (लोडिंग , अनलोडिंग सहित) – 12.718 घ.मी. @ 680.00/. प्रति घन मीटर												39603.20	
योग –												300547.52	
20% वृद्धि (कम्प्यूटर वर्क व स्टेशनरी, प्रोजेक्ट निर्माण, वाहन मरम्मत आदि)												60109.50	
												360657.02	
											या	360657.00	
(रू. तीन लाख साठ हजार छ सौ सत्तावन रू मात्र)													

वनपरिक्षेत्राधिकारी
कटघोरा

[illegible] – गेवरा | वनपरिक्षेत्र – कटघोरा | ग्राम – गेवरा राजस्वकक्ष भूमि

Genius Date: / /

क्र.	प्रजाति	गोलाई	हालत	रिमार्क
1.	नीम	260	जलाऊ	
2.	हर्रा	110	अर्द्धइमारती	
3.	हर्रा	110	—"—	
4.	—"—	84	—"—	
5.	कोसम	300	जलाऊ	
6.	महुआ	190	अर्द्धइमारती	
7.	नीम	50	जलाऊ	
8.	महुआ	170	—"—	
9.	साल	164	इमारती	
10	महुआ	100	जलाऊ	
11.	—"—	130	—"—	
12.	—"—	164	अर्द्धइमारती	
13.	नीम	90	जलाऊ	
14.	महानीम	134	अर्द्धइमारती	
15.	नीम	120	जलाऊ	
16.	महानीम	190	अर्द्धइमारती	
17.	—"—	180	—"—	
18.	बरगद	300	जलाऊ	
19.	पीपल	260	—"—	
20.	महानीम	200	जलाऊ	सूखा (मृत)
21.	—"—	136	—"—	
22.	—"—	140	—"—	
23.	—"—	100	—"—	
24.	पीपल	130	—"—	
25.	महुआ	260	अर्द्धइमारती	
26.	—"—	300	—"—	
27.	कहेरा	90	जलाऊ	
28.	कोसम	210	—"—	
29.	पेन्शर्मी	38	—"—	
30	—"—	32	—"—	
31.	—"—	40	—"—	
32.	नीम	40	—"—	

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

Signature

वनपाल कटघोरा

Genius
Page:
Date: / /

33	नीम	46	जलाऊ	
34	—"—	62	—"—	
35	—"—	66	—"—	
36	पीपल	64	—"—	
37	आम	182	—"—	
38	महुआ	262	अर्द्धइमारती	
39	—"—	230	—"—	
40	कसम	162	जलाऊ	
41.	—"—	232	—"—	
42.	नीलगिरि	80	अर्द्धइमारती	
43.	—"—	148	—"—	
44	केसियासामिया	40	जलाऊ	
45	आर्किशिया	142	—"—	
46	नीलगिरी	248	अर्द्धइमारती	
47	केसियासामिया	52	जलाऊ	
48.	बेर	88	—"—	
49.	कटहल	90	—"—	
50	आम	96	—"—	
51	जामुन	138	अ.इ.	
52	केसियासामिया	102	जलाऊ	
53.	कटहल	108	—"—	
54	डूमर	60	—"—	
55	कचनार	48	—"—	
56	आम	66	—"—	
57	कचनार	34	—"—	
58	आम	76	—"—	
59	अमरूद	34	—"—	
60	बेर	48	—"—	
61	—"—	72	—"—	
62	नीम	120	—"—	वन परिक्षेत्र अधिकारी
63	बेल	68	—"—	वन परिक्षेत्र कटघोरा
64	कचनार	32	—"—	

Signature

Genius

65	सेमल	148	ईमारती	
66	सागौन	80	—"—	
67	कचनार	100	जलाऊ	
68	कर्रई	80	अर्द्धईमारती	
69	कुसुम	124	जलाऊ	
70	आम	76	—"—	
71	कचनार	50	—"—	
72	जामुन	90	—"—	
73	आम	154	अर्द्धईमारती	
74	जामुन	140	ईमारती	
75	कचनार	68	जलाऊ	
76	कुसुम	82	—"—	
77	लाल	256	अ० ई०	
78	पीपल	252	जलाऊ	
79	कदंब	60	—"—	
80	कोसम	280	अ० ई०	
81	कंजू	40	जलाऊ	
82	कंजू	40	—"—	
83	महानीम	50	—"—	
84	साल	270	अ० ईमारती	
85	—"—	180	ईमारती	
86	—"—	150	—"—	
87	—"—	180	—"—	
88	केसिया सामिया	110	जलाऊ	
89	केसिया सामिया	84	—"—	
90	—"—	130	—"—	
91	—"—	104	—"—	
92	—"—	106	—"—	
93	—"—	150	—"—	
94	—"—	90	—"—	
95	—"—	76	—"—	वन परिक्षेत्र अधिकारी
96	—"—	100	—"—	वन परिक्षेत्र कटघोरा

Signature _____

Genius
Page:
Date: / /

97	केसिया सामिया	104	जलाऊ	
98	—"—	190	—"—	
99	—"—	142	—"—	
100	—"—	122	—"—	
101	—"—	114	—"—	
102	—"—	80	—"—	
103	—"—	130	—"—	
104	केसिया सामिया	98	—"—	

कार्यालय
प० र० गेवरा

प० र० गेवरा

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र पाटबोरा

गोश्वारा वृक्ष गिनती ग्राम- खोड़री राजस्व वन भूमि

परिक्षेत्र - गेवरा, प०स० वृत्त. दीघा, परिक्षेत्र - कटघोरा, वन - कटघोरा

		21/30	31/45	46/60	61/75	76/90	91/120	121/150	151/180	181/210	211/240	241 से ऊपर	योग
वृक्ष जाति IIclass	इमारती	-	-	-	-	-	-	-	1	-	-	-	1
	अ०ई०	-	-	1	-	-	-	-	-	-	-	-	1
	जलाऊ	-	-	-	-	-	-	-	-	-	-	-	-
योग		-	-	1	-	-	-	-	1	-	-	-	2
IIIclass अन्यजाति	इमारती	-	-	-	-	-	-	-	-	-	-	-	-
	अ०ई	-	-	1	-	-	2	1	5	7	6	6	28
	जलाऊ	3	64	132	107	58	54	11	8	14	14	11	476
योग		3	64	133	107	58	56	12	13	21	20	17	504
कुल योग													506 नग

कपाल प०र० गेवरा

शोशवारा वृक्ष गिनती ग्राम - गेवरा राजस्व वन भूमि

परिक्षेत्र - गेवरा , प. स. वृ. - डीपका , परिक्षेत्र - कटघोरा , वन मं० - कटघोरा

		21/30	31/45	46/60	61/75	76/90	91/120	121/150	151/180	180/210	211/240	240 से ऊपर	योग
I class साल सागौन	इमारती	-	-	-	-	-	-	1	3	-	-	-	4
	अ०ई०	-	-	-	-	-	-	-	-	-	-	2	2
	जलाऊ	-	-	-	-	-	-	-	-	-	-	-	-
योग		-	-	-	-	-	-	1	3	-	-	2	6
III class अन्य प्रजाति	इमारती	-	-	-	-	1	-	2	-	-	-	-	3
	अ०ई०	-	-	-	-	3	2	2	2	3	1	5	18
	जलाऊ	-	10	8	7	13	15	12	2	3	1	6	77
योग		-	10	8	7	17	17	16	4	6	2	11	98
कुल योग													104 नग

कार्यवाह पटवारी

चेक लिस्ट – 13

कास्ट / बेनिफिट एनालिसिस

COST BENEFIT ANALYSIS OF GEVRA OCP				
Project Life		Years	14	
Total Capital Investment		Crores	11816.4	
Production Cost		Rs./Te	566.02	
Selling Price		Rs./Te	922	
Profit		Rs./Te	355.98	
Number of Personnal		No	4391	
Coal Production in 14 yrs		MT	1003.974	
Coal Production in 14 yrs		Crores	100.3974	
Total Cumulative Profit in 14 yrs		Crores	35739.46645	
	Cost of the project		11816.4	Cr
	Cost of forest losses		43.16	Cr
	Total Cost		11859.56	Cr
	Benefit of the project		35739.46645	Cr
	Cost Benefit Ratio		0.331833717	
			3.013557539	
			1:3.013	

05/09/2022
Dy.Manager (Envt)
SECL, Gevra Area

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

Calculation Details							
(A)		Project	SECL Gevra Open Cast				
		Forest land needed	94.293Ha.				
		Average quality of Forest	IV B				
		Average Density of Forest	0.3				
		Total No. of Trees	506				
		(AS Per enumeration list)					
		Estimated total Volume	121.139				
		Estimated timber Volume	42.265				
		Estimated Fule Volume	78.874				
(B)		Item 1 Evaluation of loss of timber, Fule, MFP, Man-days and expected value of soil					
	a	Value of timber@Rs.-15000/Cum.	42.265	15000	633975		P
	b	Value of Fule@ RS.-2500/Cum.	78.874	2500	197185		Q
	c	Value of MFP (Revenue per Hect X Area Applied	94.293	2400	226303.2		
	i	Total Annual revenue from MFP in the Division					
	ii	Total Forest area in the Division (Hect)		205090.100 Ha.			
	iii	Average Annual revenue per Hect.MFP is Rs. 2400 Per Hect (i/ii)		Rs.2400 Per Ha.			
		Value of MFP (Rer,Per Hect. X Area Applied	94.293	2400	25	5657580	R
	d	Value of Man-days					
	1	Expriditure of coupe working 121.139 X	121.139	14.50	309	542763.2895	
	2	Transportation cost (for appox X 40KM) @Rs.-	121.139	708	85766.412		
		Total Cost 1+2	542763.2895	85766.412	628529.7015		S
		Transportation Cost per Ha.	628529.7015	94.293	6665.709029		
		Man-days Cost per Ha./Dailly Wages	6665.709029	309	21.57187388		
		Total (P+Q+R+S)			7117269.702	71.17269	T
(C)		Fire Safety (1325 per Ha.X 94.293	94.293	1325	124938.225	1.25	U
(D)		Item IV Loss of public facilities & administrative Infrastructures			0		V
(E)		Item V Evaluation of environmental Losses: Environmetatl Losses = standard loss Ha. X Area applied X average density(Forest with average density)	150	94.293	0.3	4243.185	Lakhs W
(F)		Item VI suffering to outees			0		X
		Grand Total: (T+U+V+W+X)			4315.60769	Lakhs	

05/09/2022
Dy.Manager (Envt)
SECL, Gevra Area

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

Cost Benefit Analysis in respect of diversion of 94.293 Ha revenue forest land of Gevra OC Mine of Gevra Area, SECL

(As per New guideline Dtd:01.08.2017 issued by MoEF&CC, Govt of india, New Delhi)

Project Area= 4781.788 Ha.

S.No	Parameters	Remarks	Cost (in Rs)
1	Ecosystem services losses due to proposed forest diversion	Economic value of ecosystem services due to diversion of forests-NPV amount (As per PR)	94293000.00
2	Loss of animal husbandry productivity, including loss of fodder	Taken as 10% of NPV amount	9429300.00
3	Cost of human settlement	As per provision in Project Report	3042482000.00
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways etc.,)	No such public facilities and administrative infrastructure such as roads, building, schools, dispensaries, electric lines etc are available in the proposed forest land for diversion, thus no loss will be occurred due to the proposed diversion.	0
5	Possession value of forest land diverted	It is a case of proposal for diversion, thus possession value of forest land diverted is taken as 30% of NPV	28287900.00
6	Cost of suffering to oustees	Subsistence allowance for 7000 PAPs @ 220 x 25 x 12 calculated @ 1.5 times for two years.(As per PR)	1386000000
7	Habitat fragmentation cost	Cost due to fragmentation (50% of NPV)	47146500.00
8	Compensatory Afforestation and soil & moisture conservation cost	Actual cost of compensatory afforestation at present discounted value	136963977.05
		Soil & moisture conservation cost 25% of the CA Cost	34240994.26
		Total	**4778843671.31**

General Manager
SECL Gevra Area

Nodal Officer (Envt/Forest)
SECL Gevra Area

Table-C:- Estimation of benefits of forest diversion:-

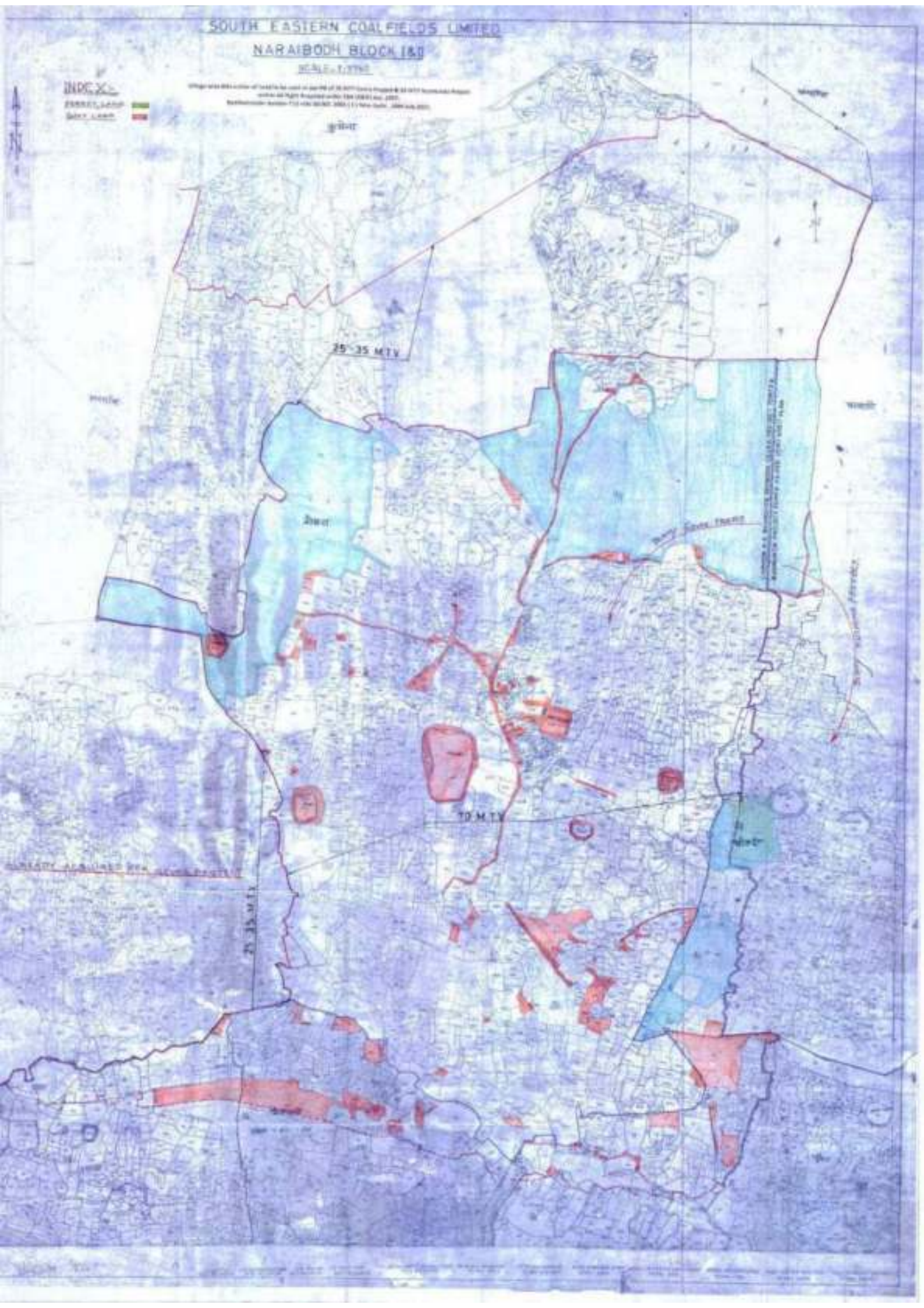
S.No	Parameters	Remarks	Benefit (in Rs.)
1	Increase in productively attribute to the specific project	Quantified and expressed in monetary terms avoiding double counting	0
2	Benefits to economy due to the specific project	Calculated on the basis of incremental economic benefit in monetary terms due to the activities attributed to the specific project. (As per Project Report). Estimated profit @ Rs. 355.98/te.(As per PR) of coal production x 70MT (As per PR)	24918600000
3	No. of population benefitted due to specific project	As per EIA/EMP	Direct Employment:2677 Indirect Employment:3839
4	Economic benefits due to direct and indirect employment due to the project	As per EIA/EMP	**Direct Employment:** Compensation of land, household & other belonging of the effected people will be paid and also land plots will be allotted to all PAPs at fully developed R&R site. **Indirect Employment:** There is scope of spontaneous economic stimulus in the area to the project.Traders and private enterprises will grow in the area with this economic growth.Project will lead to development of ancillary industries and an overall economic growth of nearby towns to supplement the population of the area.
5	Economic benefits due to Compensatory Afforestation	Benefit from such compensatory afforestation accruing over next 50 years monetized and discounted to the present value should be included as benefits of compensatory afforestation. Standard gain x applied area x average forest density=150.50 lakhs x 94.293 x 0.4	567643860.00
	Total		25486243860.00
	Cost Benefit Ratio		1:5.3

General Manager
SECL Gevra Area

Nodal Officer (Envt/Forest)
SECL Gevra Area

चेक लिस्ट – 15

गैर वन क्षेत्र के आसपास क्षेत्र का नक्शा


SOUTH EASTERN COALFIELDS LIMITED
NARAIBODH BLOCK I&II
INDEX
FOREST LAND
NON FOREST LAND
25-35 M.T.Y
70 M.T.Y
25-35 M.T.Y

चेक लिस्ट – 22

कैचमेंट ट्रीटमेंट प्लान

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 02-11-2021

Agency Name.	SOUTH EASTERN COALFIELDS LTD
Application No.	5813199333
MoEF/SG File No.	8-41/2017-FC
Location.	CHATTISGARH
Address.	Post Box No. 60 Seepat Road Bilaspur ChhattisgarhBilaspur
Amount(in Rs)	8447900/-

Amount in Words :Eighty-Four Lakh Forty-Seven Thousand Nine Hundred Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	CHATTISGARH CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150645813199333 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक Union Bank of India

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- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskcampa@corpbank.co.in

Note:After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to
Email: cb0371@unionbankofindia.com

Invoice Voucher

South Eastern Coalfields

2000006261
8/11/21

: BF22
: 5000012190

Section : 0051
Posting Date : 3/11/2021

: 847800
: Eight Four Lakh Forty Seven Thousand Nine Hundred Rupees

: DHANSHAM PAMPAT
: 100000
: UNION BANK OF INDIA
: UBIN0562112
: GANDHI NAGAR

CESP Vendor :
CESP Code :
GSI :
Bank Branch : LODHI COMPLEX
Bank A/c No. : 150645671200212
Date : 28/10/2021

PK	G/L Account	G/L Account Description	Profit Centre	Cost centre	Amount
31	1000000	Statutory Vendor			-847800
50	1000211	SRNR clearing account	SECL0052	SEC0062115	847800

Entered by
BF02_0051
Date

Parking Date
3/11/2021

Parking Time
12:00:11 PM

Posted by
BF07_0051
Time

Posting Date
3/11/2021

Signature

UCO
003819
8/11/21

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डसलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीअनुषंगी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD (07815 275430(O)
(7815 275035(R)
Fax (07815 275434
email :gevraenvt@gmail.com

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 / 282 दिनांक 02/09/2020

To
The DFO
Katghora Division
Katghora Korba

SUB. Submission of Estimate on Erosion Control Recommendations (Proposed Structure) of Comprehensive Catchment Area Treatment Plan study by Chhattisgarh Council of Science & Technology in respect of SECL Gevra OCP.

Dear Madam

Please find enclosed herewith the Estimate on Erosion Control Recommendations (Proposed Structure) of Comprehensive Catchment Area Treatment Plan study by Chhattisgarh Council of Science & Technology. The final report on Comprehensive Catchment Area Treatment Plan was previously submitted vide letter no. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./पर्यावरण/2020/234 दिनांक 15/07/2020

This is in compliance to the Condition no. xii of 112.385 ha. Stage I/ In principle approval vide no. L.No. 8-41/2017-FC dated 27.09.2017 in respect of SECL Gevra OCP, which states "With a view to enrich the water regime in the area, a comprehensive Catchment area Treatment Plan in the area to arrest flow of silt in the Hasdeo River and to improve water regime should be implemented at the project cost."

Thanking You

Yours Sincerely

General Manager
SECL Gevra Area

Copy to. 1. Additional Principal Chief Conservator of Forest (Land Management), Naya Raipur, CG
2. Chief Conservator of Forest, Bilaspur Division, Bilaspur CG

SOUTH EASTERN COALFIELDS LIMITED

(A MINI RATNA COMPANY)

BILASPUR (CHHATTISGARH)

GEVRA OC PROJECT

PROJECT REPORT

ON

Erosion Control Recommendations (Proposed Structure) of Comprehensive Catchment Area Treatment Plan study by Chhattisgarh Council of Science & Technology

1.9.20
SOBEC

नोडल अधिकारी (पर्यावरण)/एस.ई.सी.एल.
Nodal Officer (Environment)
SECL/Gevra Area
एस.ई.सी.एल./गेवरा क्षेत्र

महा प्रबंधक (संचालन)
General Manager (O)
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area.

INTRODUCTION

Gevra Opencast Project is an operating Opencast Mine of South Eastern Coalfields Limited, located in the South-Central part of Korba Coalfield in Korba District of Chhattisgarh. The project has obtained Environment Clearance of 45 MTPA vide no. NoJ-11015/85/2010-IA.II (M) Dt. 04.06.2020 for a period of 30 years or life of the mine, whichever is earlier within the mine lease area of 4184.486 ha.

Forest land involved is 1016.412 ha. Out of which 904.027 Ha. of Forest land has obtained stage II clearance & is under possession of Gevra OCP & 112.385 ha. of Revenue Forest land has obtained Stage I/In-Principle approval & is in the process of obtaining Stage II Clearance.

The Condition no. xii of 112.385 ha. Stage I/ In principle approval vide no. L.No. 8-41/2017-FC dated 27.09.2017 states "With a view to enrich the water regime in the area, a comprehensive Catchment area Treatment Plan in the area to arrest flow of silt in the Hasdeo River and to improve water regime should be implemented at the project cost" (Copy Enclosed as annex 1)

& similarly

The Condition no. iv of 45 MTY Environment Clearance vide NoJ-11015/85/2010-IA.II (M) Dt. 04.06.2020 states "Final recommendation/outcome of the study on Ecosystem carrying capacity by IIT-BHU and Catchment area treatment plan study within 5 KM from Mine Lease Boundary by CCOST shall be implemented in certain timeframe. PP shall submit action plan with timeline to Ministry's Regional Office for implementation of recommendation" (Copy Enclosed as annex 2)

In compliance to the above conditions, work order on study on Comprehensive Catchment Area Treatment Plan within 5 KM from Mine Lease Boundary was awarded to Chhattisgarh Council of Science & Technology (CCOST) vide no.259 dated 23.03.18 (Copy Enclosed as annex 3). accordingly Final Study report was submitted by CCOST on 17.03.2020. (Study has been carried for the project area of 4781.798 ha. (considering future expansion of 70 MTPA) & within 5KM from this Mine Lease Boundary).

RECOMMENDATIONS IN THE STUDY REPORT

The recommendations in the Catchment area treatment plan study for erosion control measures (Proposed Structures) for Gevra OCP is as below

Erosion Control Measures (Proposed Structures)	Number of Structures
Check Dams	7
Nala Bunds/ Boulder Checks	11
Vegetative Bunds	13

Similar type of study i.e. "study on Catchment Area Treatment Plan" in respect of Kusmunda OCP was done. The study was conducted by Chhattisgarh Council of Science & Technology (CCOST), Raipur. On comparing both the reports it was observed that there was overlapping of 1 check dam, 3 Nala Bunds/ Boulders Checks & 1 vegetative bund.

Subsequently due to the overlapping of the above mentioned structures, a joint inspection/ meeting of both the areas was held. After the inspection & discussions it was decided that the implementation of erosion control measures (Proposed Structures) for Gevra OCP will be as below

Erosion Control Measures (Proposed Structures)	Number of Structures
Check Dams	6
Nala Bunds/ Boulder Checks	9
Vegetative Bunds	12

And implementation of 1 check dam, 2 Nala Bunds/ Boulders Checks & 1 vegetative bund (overlapped structures in both reports) will be taken up by Kusmunda OCP.

The Erosion Control Measures (Proposed Structure) within Mine lease area (4781.798 Ha.) will be implemented by SECL Gevra OCP & for implementation of the Erosion Control Measures (Proposed Structure) outside Mine lease area will undertaken through State Forest Department by depositing fund in CAMPA.

(Details given in subsequent pages)

1.9.20

DETAILS WITH LOCATION OF PROPOSED STRUCTURES

WITHIN MINELEASE AREA			
S.No.	Latitude	Longitude	Structure Code
1	22°18'51.79" N	82°33'40.58" E	VB
2	22°18'47.66" N	82°33'25.05" E	VB
3	22°20'36.09" N	82°37'36.99" E	VB
4	22°20'28.60" N	82°37'32.82" E	VB
5	22°20'48.24" N	82°36'46.76" E	VB
6	22°20'40.76" N	82°36'41.51" E	VB
7	22°20'33.28" N	82°36'43.07" E	VB
8	22°21'55.58" N	82°35'06.91" E	VB
9	22°19'11.16" N	82°33'24.28" E	NB/BC
10	22°19'03.19" N	82°33'41.77" E	NB/BC
11	22°20'52.84" N	82°37'00.89" E	NB/BC
12	22°20'51.87" N	82°36'53.23" E	NB/BC
13	22°18'53.07" N	82°38'08.24" E	CD

*Note. CD- Check Dam, NB/BC- Nalla Bunds/Boulder checks, VB- Vegetative Bunding

Within Minelease				
Structure	Number	m/each	Rs./m	Cost Rs.
Check Dam	1	20	63113.85	1262277
Nalla Bund/Boulder Check	4	15	3137.09	1882254
Vegetative Bund	8	20	1877.97	3004752
				Rs.1750977.60

*Detailed estimate in subsequent pages

The above work within Mine Lease will be implemented by SECL Gevra OCP

1/9/20

DETAILS WITH LOCATION OF PROPOSED STRUCTURES

OUTSIDE MINELEASE AREA			
S.No.	Latitude	Longitude	Structure Code
1	22°17'11.39" N	82°33'34.70" E	CD
2	22°18'15.21" N	82°33'09.12" E	CD
3	22°17'56.80" N	82°36'39.19" E	CD
4	22°17'43.13" N	82°36'19.15" E	CD
5	22°17'07.66" N	82°39'27.18" E	CD
6	22°18'20.74" N	82°33'30.22" E	VB
7	22°18'44.59" N	82°35'43.49" E	VB
8	22°18'55.36" N	82°36'05.52" E	VB
9	22°21'42.70" N	82°34'51.18" E	VB
10	22°18'29.18" N	82°33'50.32" E	NB/BC
11	22°18'38.84" N	82°34'54.85" E	NB/BC
12	22°18'35.66" N	82°36'07.42" E	NB/BC
13	22°18'16.32" N	82°35'53.47" E	NB/BC
14	22°21'22.38" N	82°38'53.48" E	NB/BC

*Note: CD: Check Dam, NB/BC: Nalla Bunds/Boulder checks, VB: Vegetative Bunding

Outside Minelease				
Structure	Number	m/each	Rs./m	Cost in Rs.
Check Dam	5	20	63113.85	6311385
Nalla Bund/Boulder check	5	15	3137.09	235281.75
Vegetative Bund	4	20	1877.97	150237.6
				Rs.6696904.35

*Detailed estimate in subsequent pages

The implementation of the above work outside Mine lease area will be undertaken through State Forest Department by depositing fund in CAMPA.

1.9.20

EA

DETAILS WITH LOCATION OF PROPOSED STRUCTURES

S.No.	Latitude	Longitude	Structure Code
1	22°21'12.07" N	82°38'12.59" E	NB/DC
2	22°20'53.34" N	82°37'08.00" E	NB/BC
3	22°20'59.17" N	82°37'38.70" E	CD
4	22°20'50.04" N	82°37'37.22" E	VB

* The implementation of the above work outside Mine lease area will be done by SECL Kusmunda OCP

GENERAL ABSTRACT OF COST

(A) CHECK DAM:

Total No. 6 nos. @ 20.00 m/e (avg.) = 120.00 mtrs @ Rs. 63113.85/m
= 7573662.00

(B) NALLAH BUND/BOULDER CHECK:

Total No. 9 nos. @ 15.00 m/e (avg.) = 135.00 mtrs @ Rs. 3137.09/m
= 423507.15

(C) VEGETATIVE BUNDS:

Total No. 12 nos. @ 20.00 m/e (avg.) = 240.00 mtrs @ Rs. 1877.97/m
= 450712.80

Rs. = 8447881.95

1.9.20
SOE(C)

Construction of Check dam Details for 20.00 length check dam					
S.No.	Description of Item	Qty.	R/U	Updated Amount	Remark
1	Earth work in excavation over areas.....etc	159.30 cum	206.41	32881.11	DSR '13. I/2.6.1
2	Providing and laying c.c.1:4:8.....etc	53.10 cum	4158.48	220815.28	I/4.1.8
3	Providing and laying c.c.1:3:6.....etc	69.9 cum	4714.52	329544.94	I/4.1.4
4	Providing and laying c.c.:1:2:4 in foundation & plinth	53.40 cum	4645.61	248075.57	I/4.1.3
5	Providing and laying c.c.:1:2:4 in wall .....etc	41.67 cum	5481.95	228432.85	I/4.2.3
6	structural steel work .....etc,	900.00 kgs	85.70	77130.00	I/10.2
7	centering and shuttering work .....etc, in of .& raft	103.00 Sqm	240.13	24733.39	I/5.9.1
8	centering and shuttering wall. etc	182.10 sqm	503.29	91649.1	I/5.9.2
9	Filling available excavated earth.....etc	53.10 cum	169.77	9014.78	I/2.25
cost of 20.00 mtr = Rs. 1262277.02					
cost of per mtr = Rs. 63113.85					

DETAIL CALULATION

Item 1) Earth work in ex. Over areas..... etc.

Dam: $1 \times 20.00 \times 3.00 \times 1.50 = 90.00$ cum

Toe wall: $1 \times 20.00 \times 0.90 \times 0.75 = 13.50$ cum

Wing wall: $2 \times 15.00 \times 1.20 \times 1.55 = 55.80$ cum

Total = 159.30 cum

Item 2) P. & L. C. C. 1:4:8..... etc.

Dam: $1 \times 20.00 \times 3.00 \times 0.15 = 9.00$ cum

Toe wall: $1 \times 20.00 \times 0.90 \times 0.15 = 2.70$ cum

Apron: $1 \times 2 \times 20.00 \times 6.00 \times 0.15 = 36.00$ cum

Wing wall: $1 \times 2 \times 15.00 \times 1.20 \times 0.15 = 5.40$ cum

Total = 53.10 cum

Item 3) P. & L. C. C. 1:3:6..... etc.

Wing wall: $1 \times 2 \times 15.00 \times (1.00 + 0.80)/2 \times 0.90 = 24.30$ cum

Wing wall: $1 \times 2 \times 15.00 \times 0.70 \times 0.60 = 12.60$ cum

Wing wall: $1 \times 2 \times 15.00 \times 0.60 \times 1.50 = 27.00$ cum

Toe wall: $1 \times 20.00 \times (0.60 + 0.40)/2 \times 0.60 = 6.00$ cum

Total = 69.90 cum

Item 4) P. & L. C. C. 1:2:4.....:n Foundation..... etc.

Apron: $1 \times 2 \times 20.00 \times 6.00 \times 0.10 = 24.00$ cum

Main wall: $1 \times 20.00 \times 2.60 \times 0.30 = 15.60$ cum

Main wall: $1 \times 20.00 \times 2.30 \times 0.30 = 13.80$ cum

Total = 53.40 cum

1.9.20
SOE(c)

Item 5) P. & L. C. C. 1:2:4.....In wall

1 × 20.00 × 2.00 × 0.15 = 6.00 cum

1 × 20.00 × (2.00 + 0.90)/2 × 1.50 = 43.50 cum

Less for Openings: 6 × 0.60 × (2.00 + 0.90)/2 × 1.50 (-) = 7.83 cum

Total = 41.67 cum

Item 6) Structural Steel work ..... etc.

For gate 06 Nos. @ 150.00 kg/e = 900.00 kgs

Item 7) Centering and Shuttering work.....etc.

For foundation: 2 × 20.00 × (0.30 + 0.30) = 24.00 sqm

2 × 20.00 × 0.25 = 10.00 sqm

2 × 15.00 × 1.50 = 45.00 sqm

2 × 20.00 × 0.60 = 24.00 sqm

Total = 103.00 sqm

Item 8) Centering and Shuttering work.....etc.

For wall:

Main wall 2 × 20.00 × 0.15 = 6.00 sqm

2 × 20.00 × 1.50 = 60.00 sqm

Wing wall 2 × 2 × 15.00 × 1.50 = 90.00 sqm

For Opening Portion 6 × 2 × (2.00 + 0.90)+1.50 = 26.10 sqm

Total = 182.10 sqm

Item 9) Filling available excavated earth.....etc.

1/3 of Item (1) = 159.30 cum/3 = 53.10 cum

Chief Manager (C)
AHQ GE VRA AREA

Construction of nallah bund Details for cost of 10.00 m length					
s.no.	Description of item	Qty.	R/U	Updated Amount	Remark
1	Earth work in excavation in foundation & trenches.....etc, 10.00 x 0.90 x 0.60=5.40 cum	5.40 cum	194.10/cum	1048.14	DSR 13 I/2.8.1
2	Supplying and stacking of good quality of stone boulder 15 to 22.50 cm size at work site all leads etc. 10.00 x 0.90 x 1.50 = 13.50 cum less for voids 15% (-) 2.02	11.48 cum	1153.71/cum	13244.59	Non DSR Rate analysis
3	laying of stone boulder in making nallah bund including packing, labour charges, cost of T & P., all lead & lift as per instruction of engineer -in-charge , same as item (2) i.e.11.48 cum	11.48 cum	446.03/cum	5120.42	Non SOR Rate analysis
4	Providing and making fencing with bamboo (65 mm to 100 mm dia)vertical post @ 2.00 m c/c. and bracing (two nos diagonal in each span and six nos horizantal) including cost of material labour charges cost of tools & plants as per instruction of engineer- in- charge 10.00 M x 2 sides =20.00M	20.00 mtr	597.89/m	11957.80	Non SOR Rate analysis
	cost of 10.00 mtr =			Rs. 31370.95	
	cost of per mtr =			Rs. 3137.09	

1/9/20 1.9.20

RATE ANALYSIS

Item: Supply & Staking stone boulder of size 15 to 22.50 cm at work site including cost of T & P labour charges as per instruction of engineer-in-charge.

UNIT: 12.00 cum

(A) Material: supply of boulder l/c carriage

	12.00 cum @ Rs. 910.00/cum	=	10920.00
(B) Labour: for stacking	02 nos. @ Rs. 499.80/e	=	999.60
			11919.60
	Add water charges 1%	=	119.19
			12038.79
	Add Contractor's profit 15%	=	1805.81
	Cost of 12.00 cum	=	13844.60
	Cost of per cum	=	1153.71

RATE ANALYSIS

Item: Laying of stone boulder in making bund/Nallah bund including packing labour charges, cost of T & P etc. as per instruction of engineer-in-charge.

UNIT: 10.00 cum

Labour Required: (Labour wages 1/c 19 % CMPF & CMPS)

Mate 01 Nos. @ Rs. 585.48/e	=	585.48
Mason IInd class 01 No. @ Rs. 705.67/e	=	705.67
Bolder 05 Nos. @ Rs. 499.80/e	=	2499.00
		3790.15
Sundries L. S.	=	50.00
		3840.15
Add water charges 1%	=	38.40
		3878.55
Add Contractor's profit 15%	=	581.78
Cost of 10.00 cum	=	4460.33
Cost of per cum	=	446.03

RATE ANALYSIS

Item: Providing and making fencing with bamboo (65 mm to 100 mm dia) vertical post @ 2.00 m c/c and bracing two Nos. diagonal and six Nos. horizontal including cost of bamboo, labour charges, and cost of T & P as per instruction of engineer-in-charge.

UNIT: 10.00 M

(A) Material: Bamboo (65 mm to 100 mm dia)

Vertical Post	6 × 1.50	= 9.00 m	
Dia. Bracing	5 × 2 × 2.00	= 22.00 m	
Hor. Bracing	6 × 10.00	= 60.00 m	
Including carriage		= 91.00 m @ Rs. 36.00/m	= 3276.00
Sundries + wire nails etc._ L. S.			= 50.00

(B) Labour: Mate 0.50 @ Rs. 585.48/e	= 292.74
Carpenter 0.75 @ 705.67/e	= 529.25
Balder 2.00 @ 499.80/e	= 999.60
	5147.59
Add water charges 1%	= 51.47
	5199.06
Add Contractor's profit 15%	= 779.86
Cost of 10.00 mtr	= 5978.92
Cost of per mtr	= 597.89

1/9/20

1.9.20
SDE (C)

Construction of vegetative bunds Details of cost for 10.00 length					
s.no.	Description of item	Qty.	R/U	Updated Amount	Remark
1	Providing and placing empty cement bag filled with local available sandy soil including stitching of bag and placing in position cost of labour empty bag etc. as per instruction of engineer-in-charge	850 nos.	12.38/e	10523.00	Rate analysis
2	filling local available soil for vegetative bund including planting of near by available vegetation to protect erosion of soil cost of T.& P. labours charges as per instruction of engineer-in-charge	37.50 cum	220.18/cum	8256.75	Rate analysis
cost of 10.00 mtr = Rs. 18779.75					
cost of per mtr = Rs. 1877.97					

DETAIL CALCULATION

Item(1) Providing & placing empty cement bag filled with local available sandy soil...etc

For 10.00 × 2.00 × 1.50 mtr

No. of bag = 17 × 5 × 10 = 850 Nos.

Item(2) Filling local available soil for vegetative bund including planting of vegetation to protect erosion of soil cost of T & P and labour charges as per instruction of engineer-in-charge.

1 × 10.00 × 3.00 × (1.50 +1.00)/2 = 37.50 cum

RATE ANALYSIS

Item: Providing and placing empty cement bag filled with local available sandy soil including Stitching of bags & placing in position, cost of labour, empty bag etc. as per instruction of engineer-in-charge.

UNIT: 75 Bags

Cost of empty cement bag 75 Nos. @ Rs. 4.00/bag	=	300.00
Labour unskilled 01. No. @ Rs. 499.80/e	=	499.80
		799.80
Add water charges 1%	=	7.99
		807.79
Add Contractor's profit 15%	=	121.16
Cost of 75 Nos.	=	928.95
Cost of per Nos.	=	12.38

1/9/20

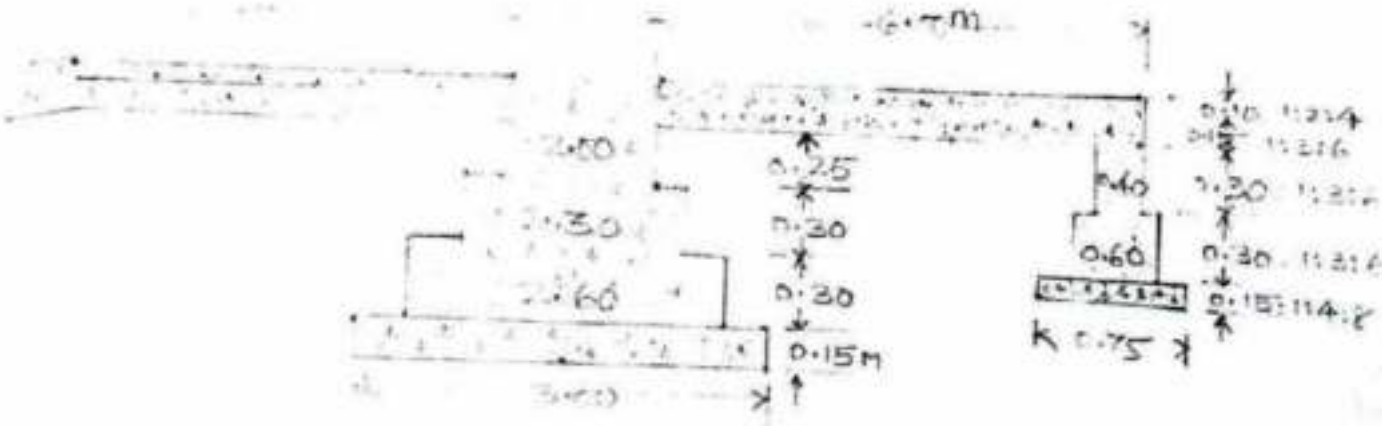
1.9.20
SOE(C)

RATE ANALYSIS

Item: Filling local available soil for vegetative bund including planting of nearby available vegetation to protect erosion of soil cost of T & P and labour charges as per instruction of engineer-in-charge.

UNIT: 10.00 cum

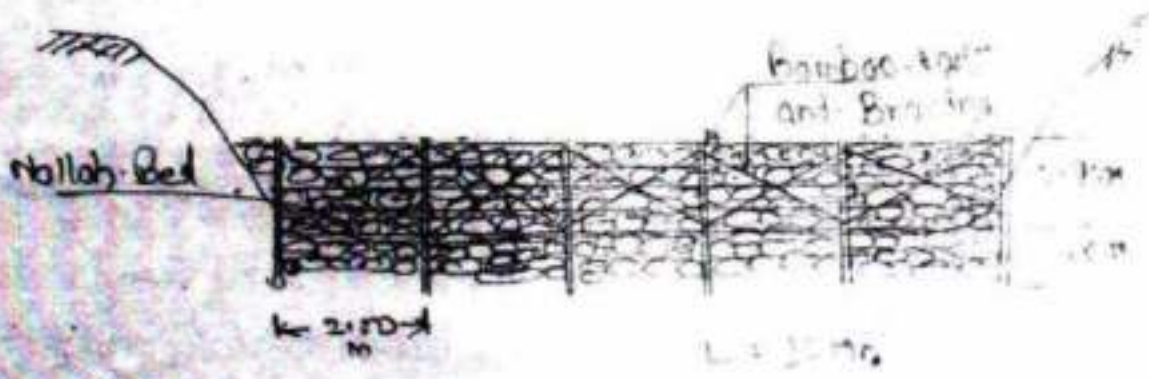
labour for filling of soil (unskilled)	2.50 nos. @ Rs. 499.80/e	= 1249.50
labour for planting of local available vegetation(unskilled)	1 no. @ Rs. 499.80/e	= 499.80
Mate	0.25 no. @ Rs. 585.48/e	= 146.37
		1895.67
Add water charges 1%		= 18.95
		1914.62
Add contractor's profit 15%		= 287.19
Cost of 10.00 cum		= 2201.81
Cost as of per cum		= 220.18



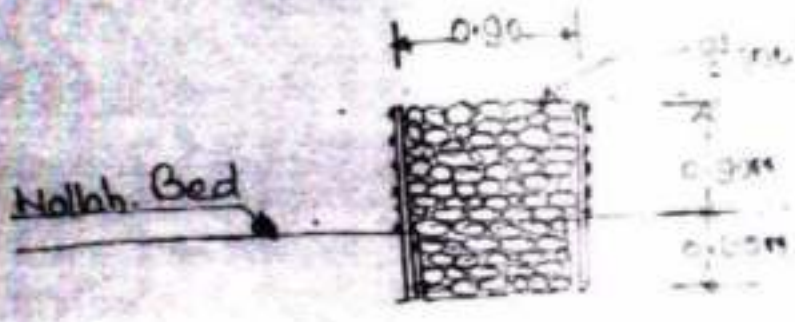
CROSS SECTION OF CHECK DAM

1.9.20
SOE(C)

Detail drawing of Nallah [illegible]



L- Section of Nallah [illegible]



Cross Section of Nallah [illegible]

11/9/20

SDE(C)

ANNEX I

F. No. 8-41/2017-FC
Government of India
Ministry of Environment, Forests & Climate Change
(Forest Conservation Division)
****

Indira Paryavaran Bhawan,
Jor Bagh Road, Aliganj,
New Delhi: 110003,
Dated: 27th September, 2017

To,

The Principal Secretary (Forests)
Government of Chhattisgarh,
Raipur.

Sub: Diversion of 112.385 ha of Revenue forest land for Gevra Open Cast Mine (OCM) in Katghora Forest range, District –Korba Chhattisgarh in favour of SECL, Chhattisgarh.

Sir,

I am directed to refer to the Government of Chhattisgarh's letter No. F-5-12/2017/10-2 dated 01.05.2017 on the subject mentioned above seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 and to say that the proposal has been examined by the Forest Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

After careful examination of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, ***In-principle approval /Stage-I Clearance*** of the Central Government is hereby granted for diversion of 112.385 ha of Revenue forest land for Gevra Open Cast Mine (OCM) in Katghora Forest range, District –Korba Chhattisgarh in favour of SECL, Chhattisgarh subject to the following conditions:

(i) Legal status of the diverted forest land shall remain unchanged;

(ii) Compensatory Afforestation shall be done over degraded forest land twice in extent to the forest area proposed to be diverted within a period of three years with effect from the date of issue of Stage-II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department at the cost of the user agency. At least 1000 saplings per hectares shall be planted over 224.77 ha (224770 plants). If this is not possible to plant these many seedlings in the identified DFL, the balance seedlings will be planted in other suitable degraded forest land as per the prescriptions of the Working Plan at the cost of the User agency. In such case CA cost will be revised and duly approved by competent authority and deposited online in the CAF managed by CAMPA. 25% of the CA cost additionally will be spent towards Soil and Moisture Conservation activities in the proposed CA area as per site requirement and deposited in CAF.

(iii) **On examination of Compensatory afforestation land on Google Satellite Imagery and DSS tools, it is found that 30 ha area is having dense vegetation and 53 ha land seems to be under encroachment. State Government shall exclude the land under encroachment and under very dense vegetation from the proposed CA area and additional degraded forest land which is free from encumbrances/encroachment and degraded shall be selected prior to stage II approval. The land shall be analysed through DSS at state level prior to submission to MoEF&CC for consideration. State Government shall submit DSS analysis report along with the compliance of this condition.**

(iv) State Government shall reconfirm the **enumeration list of trees prior to stage II approval.**

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(v) The User Agency shall ensure that construction of residential accommodation for workers will be undertaken separately on non-forest land to avoid pressure on forest land for temporary construction.

(vi) Safety zone shall be fenced with colled barbered wire fencing of 6 feet high for the protection of forests;

(vii) Safety zone along the lease boundary, shall be implemented by the User Agency in accordance with the guidelines issued by the MoEF&CC in this regard;

(viii) Encroachment from the lease area of the User Agency should be evicted and in case eligible claimants are found in the area proposed for diversion, they should be rehabilitated as per the R&R policy of the State Government of Chhattisgarh in consonance with the National R&R policy.

(ix) The user agency should undertake comprehensive greening in the villages located in the surrounding of their lease area.

(x) Mined out forest area already reclaimed by the User Agency, should be handed over back to the State Forest Department with a view to bring it under the ambit of core forestry management.

(xi) The UA should prepare a land surrender schedule for surrender of the mined out and biologically reclaimed forest land in accordance with the existing mine plan irrespective of progressive mine closure plan and submit an surrender schedule and an undertaking that mined out and biologically reclaimed forest land will be surrendered to the State Forest Department as per this schedule. No further change in the schedule for surrendering of forest land should be allowed.

(xii) With a view to enrich the water regime in the area, a comprehensive Catchment Area Treatment Plan in the area to arrest flow of silt in the Hasdeo River and to improve water regime should be implemented at the project cost;

(xiii) A study should be undertaken at the project cost to assess the impact of intervention undertaken by the SECL, in consultation with the State Forest Department, for the protection, conservation and development of wildlife in the area. Based on the outcome of such study, the measures for protection, conservation and development of the wildlife, if needed may further be strengthened at the project cost.

(xiv) No forest land should be used for undertaking the diversion of district road, bifurcating the Revenue forest land proposed to divert by the User Agency. While undertaking diversion of the said road, the User Agency should select such alignment ensuring that accessibility/connectivity is maintained at the ease of the local residents.

(xv) It is reported that the user agency had biologically reclaimed 404.5 ha of land. A subcommittee of FAC under the chairmanship of Sh. Deepak Sinha IG(FC), Sh. R.K. Dey APPCF regional office Bhuvneshwar and Sh. Sandeep Sharma AIG(FC) shall visit the site and submit report on the status of biologically reclaimed area to MoEF and CC.

(xvi) The land identified for the purpose of CA shall be clearly depicted on a Survey of India topo-sheet of 1:50,000 scale;

(xvii) The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of Ad-hoc CAMPA of the concerned State through online portal. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.

(xviii) The User Agency shall transfer the funds for the Net Present Value (NPV) of the forest land being diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007-FC dated 05.02.2009 through online portal of Ad-hoc CAMPA account of the State Concerned;

(xix) At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

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(xx) Any fund received from the user agency under the project, except the funds realized for [illegible] shall be transferred to Ad-hoc CAMPA through online portal of Ad-hoc CAMPA account of the State Concerned;

(xxi) Following activities shall be undertaken by the user agency at the project cost and appropriate cost of the plan/scheme shall be deposited in Ad-hoc CAMPA Account:

(a) A plan containing appropriate mitigative measures to minimize soil erosion and choking of streams shall be prepared and implemented;

(b) Planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion;

(c) Construction of check dams, retention /toe walls to arrest sliding down of the excavated material along the contour;

(d) Stabilize the overburden dumps by appropriate grading/benching so as to ensure that the angles of repose at any given place is less than 28°; and

(e) Strict adherence to the prescribed top soil management.

(xxii) User agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986;

(xxiii) User agency in consultation with the State Forest Department shall create and maintain alternate habitat/ home for the avifauna, whose nesting trees are to be cleared in this project. Bird nests artificially made out of eco-friendly materials shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project.

(xxiv) Fencing, protection and regeneration of the safety zone area [7.5 meters strip shall be kept within the mining lease boundary and area of the safety zone shall be part of the total area of mining lease as per the Ministry's guidelines dated 27.05.2015] shall be done at the project cost within three years and maintained thereafter as per approved working plan of the State Govt. Besides this afforestation on degraded forest land to be selected elsewhere measuring one & a half times the area under safety zone shall also be done at the project cost;

(xxv) User agency either himself or through the State Forest Department shall undertake afforestation on degraded forest land, one and half time in extent to the area used for safety zone;

(xxvi) Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, and the Rules framed there-under as amended;

(xxvii) User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.4), if any, located in the area within 100 meters from outer perimeter of the mining lease;

(xxviii) The User Agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within five kms. from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed plan for desilting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF & CC before Stage-II approval;

(xxix) User agency shall undertake mining in a phased manner and take due care for reclamation of the mined over area. The concurrent reclamation plan shall be executed by the User Agency as per the approved mining plan/scheme and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Odisha and the Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Eastern Zone), Bhubaneswar. If it is found from the annual report that the activities indicated in the concurrent reclamation

27.9.17

plan are not being executed by the user agency, the Nodal Officer or the Addl. Principal Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed;

(xxx) No labour camp shall be established on the forest land;

(xxxi) User agency shall provide firewood preferably alternate fuel to the labourers and the staff working at the site so as to avoid any damage and pressure on the adjacent forest areas;

(xxxii) Boundary of the mining lease and safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing, distance from pillar to pillar and GPS co-ordinates;

(xxxiii) Forest land shall not be used for any purpose other than that specified in the proposal;

(xxxiv) State Government shall complete settlement of rights, in term of the Scheduled Tribes and Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry vide their letter No. 11-9/1998-FC (pt.) dated 3rd August 2009 read with 05.07.2013, in support thereof;

(xxxv) The user agency shall submit the annual self compliance report in respect of the above conditions to the State Government, concerned Regional Office and this Ministry by the end of March every year regularly.

(xxxvi) Any other condition that the Regional Office (Western Zone), Bhopal of this Ministry, may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and

(xxxvii The State Government and user agency shall comply the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

After receipt of compliance report on fulfilment of the conditions mentioned above, the proposal shall be considered for final approval under Section-2 of the Forest (Conservation) Act, 1980. Transfer of forest land shall not be affected till final approval is granted by the Central Government in this regard.

Yours faithfully,

(Sandeep Sharma) 27.9.17
Assistant Inspector General of Forests (FC)

Copy to:-

1. The Principal Chief Conservator of Forests, Government of Chhattisgarh, Raipur.
2. The Addl. PCCF (Central), Regional Office, Nagpur
3. The Nodal Officer, the Forest (Conservation) Act, 1980, of Chhattisgarh, Raipur.
4. User Agency.
5. Forest Conservation Monitoring Cell, FC Division, MoEF&CC, New Delhi.
6. Guard File.

27.9.17
(Sandeep Sharma)
Assistant Inspector General of Forests (FC)

ANNEX 2

No. J-11015/85/2010-IA.II(M)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division
****

Indira Paryavaran Bhavan,
Jor Bagh Road, New Delhi-110 003

Dated: 4th ~~April~~ JUNE, 2020

To,

Chairman and Managing Director,
M/s South Eastern Coalfields Ltd.
WBP & Environment Department,
Seepat Road, P.B. No 60
Bilaspur - 495 006 (Chhattisgarh) Email: gmenvtsecl@gmail.com;

Sub: Expansion/Continuation of Gevra Opencast Coal Mine from 41 MTPA to 45 MTPA in ML area of 4184.486 ha of M/s South Eastern Coalfields Limited at district Korba (Chhattisgarh) – Continuation of Environmental Clearance -reg.

Sir,

This has reference to your online proposal No. IA/CG/CMIN/19281/2013 dated 3rd May, 2019 on the above-mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for extension/continuation of environmental clearance dated 28th March, 2019 to the Expansion of Gevra Opencast Coal Mine from 41 MTPA to 45 MTPA in ML area of 4184.486 ha of M/s South Eastern Coalfields Limited at district Korba (Chhattisgarh), for a period of one year and subject to compliance of certain terms and conditions, which *inter-alia* included the following and other conditions:-

"Subject to the review of the compliance status of the conditions by the EAC to consider continuance of the project after one year".

3. In line with the above condition, Project Proponent submitted the compliance of all the specifics conditions. Site inspection was carried out by Regional Office, Nagpur on 25th December, 2019 to monitor the status of compliance of conditions stipulated in the environmental clearance dated 28th March, 2019 and certified compliance report was submitted vide its letter dated 14th January, 2020. Action Taken Report over Certified Compliance Report submitted to RO, MoEF&CC (Nagpur) on 21st January, 2020. Action Taken Report over Certified Compliance Report forwarded by RO to MoEF&CC, New Delhi vide letter No 3-25/2014(ENV)/(6174 Dtd: 4th February, 2020

4. The proposal was considered by the sectoral Expert Appraisal Committee (EAC) in its meeting held on 20th February, 2020 and recommended for continuance of the project and validity of environmental clearance dated 28th March, 2019 for a period of 30 years or life of the mine, whichever is earlier subject to the terms and conditions stipulated therein remaining the same and with additional conditions. Further regarding proposal of expansion from 45 MTPA to 49 MTPA, EAC observed that the decision on further expansion upto 49

MTPA may be taken later based on the final outcome of the proposed studies and other compliance etc. Also, PP needs to focus more on the compliance of partially compliant EC conditions. Based on the recommendation of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval for the continuance of the Environment Clearance(EC) for expansion of Gevra Opencast Coal Mine from 41 to 45 MTPA in ML area of 4184.486 ha of M/s South Eastern Coalfields Limited at district Korba (Chhattisgarh), for a period of 30 years or life of the mine, whichever is earlier, under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of additional as under:-

(i) EAC desired that the MoC may direct CIL subsidiaries to comply the EC/FC/CTO conditions strictly within certain time bound manner so that the mining operations will be environmentally sustainable/viable etc.

(ii) Also, EAC asked project proponent to plant 50,000 nos. of native trees (excluding other conditions of plantation given by this Ministry) with broad leaves along the villages and transportation route to prevent the effect of air pollution in three years. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Office.

(iii) All Partially and non-complied conditions (if any) reported by Ministry's Regional Office in its certified compliance report dated 14th January, 2020 shall be completed in 2 years from the date of issue of this letter.

(iv) Final recommendation/outcome of the study on ecosystem carrying capacity by IIT-BHU and the study on catchment area treatment plan within 5 KM from mine lease boundary by CCOST shall be implemented in certain timeframe. PP shall submit action plan with timelines to the Ministry's Regional Office for implementation of the recommendations.

(v) Fixed water sprinklers shall be installed on haul roads for suppression of dust.

(vi) The activities and fund provisions for CER shall be made as per the guidelines issued by the Ministry regarding CER on 1st May, 2018

(vii) Active OB dump should not be kept barren/open and should be covered by temporary grass to avoid air born of particles.

(viii) The Project Proponent shall comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114

of 2014 in the matter of Common Cause versus Union of India and Ors. State Government shall ensure that the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

(ix) Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) in case of intersecting the Ground water table. The intersecting ground water table can only be commencing after conducting detailed hydrogeological study and necessary permission from the CGWA. The Report on six monthly bases on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry, CGWA and State Pollution Control Board.

(x) Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented; The prevention measure for burns, malaria and provision of antisnake venom including all other paramedical safeguards may be ensured before initiating the mining activities.

(xi) Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11015/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

(xii) The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.

(xiii) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area.

Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.

(xiv) Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to Regional Office of the Ministry. Further, the outcomes of various court cases pending in various courts shall also be applicable/enforceable along with the conditions of this EC.

5. All other terms and conditions stipulated in the Environment Clearance (EC) dated 21st February, 2018 and 28th March 2019 shall also be applicable.

4.6.20

(Manoj Kumar Gangeya)
Director

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi
2. The APCCF, Ministry of Environment Forest and Climate Change, Regional Office (Western Central Zone), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur (Maharashtra)
3. The Secretary, Department of Environment & Forests, Government of Chhattisgarh, Secretariat, Raipur
4. The Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 32
6. The Member Secretary, Chhattisgarh State Environment Conservation Board, 1-Tilak Nagar, Shiv Mandir Chowk, Main Road, Avanti Vihar, Raipur - 492001 (Chhattisgarh)
7. The District Collector, Korba, Government of Chhattisgarh.
8. Monitoring File 9. Guard File 10. Record File 11. Notice Board

(Manoj Kumar Gangeya)
Director

ANNEX 3

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफील्ड्सलिमिटेड
South Eastern Coalfields Limited
(मिनीरत्न कम्पनी)
CIN: U23109CT1985GOI003161
Website : www.secl.gov.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
:07815 275032(R)
Fax : 07815 275434
email noemgevra@gmail.com

पोस्ट: गेवरा प्रोजेक्ट
जिला: कोरबा (छत्तीसगढ़)
पिन:495452

P.O.: GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मह/गे.क्षे./पर्यावरण/2018 / 259

दिनांक23/03/18

WORK ORDER

TO
The Director General
Chhattisgarh Council Of Science & Technology
Govt. Of Chhattisgarh, Raipur

SUB: Award of Work for Preparation of Comprehensive Catchment Area Treatment in respect of Gevra Open Cast Project SECL (CG).

REF: Your Letter no. 2950/CCOST/2017 DT: 12.12.2017

Dear Sir

With reference to the above this is to communicate to you the approval of competent authority to award the subject work to Chhattisgarh Council Of Science & Technology (CCOST), Raipur amounting to Rs. 1200861/- (Twelve lakhs and eight hundred and sixty one only) inclusive of all taxes on the terms & conditions as indicated below with the following scope of work.

SCOPE OF WORK

1. The problem of silt and debris load to river from the susceptible areas of the catchment.
2. Checking the sediment load from the tributaries directly discharging into the river.
3. Protecting the directly draining catchment from scouring / sloughing.
4. Mitigative measures for the erosion and other hazards resulting from the project activities.

WORK ELEMENTS

1. Estimation of soil erosion

a. Study of drainage pattern of the catchment area

23/3/18

b. Delineation of watersheds and sub-watersheds of free draining catchment.

c. Assessment of slope of the catchment area

d. Land use and land cover mapping using remote sensing and GIS

e. Study of soil parameters under directly draining area

f. Study of soil details, silt yield and its delivery potential

2. Prioritization of Sub-watersheds

a. Preparation of a framework of sub-watersheds

b. Generation of a map indicating erosion-intensity

c. Assignment of weightage values to various mapping units

d. Assignment of maximum delivery ratios to various erosion intensity mapping units and assessment of adjusted delivery ratios for different sub-watersheds.

e. Computing Silt-Yield Index for individual sub-watersheds

f. Grading of sub-watersheds for prioritization

3. Identification of area for Comprehensive Area Treatment.
4. Preparation of Schedule of Implementation

TERMS & CONDITIONS

1. Total value of the work is Rs. 1209861/- (Twelve lakhs and eight hundred and sixty one only) inclusive of all taxes.
2. 50% amount will be released as an advance payment. The advance amount will be released on receipt of pre receipted bill from your end. Balance 50% will be released after submission of study report.
3. The Date of commencement of work shall be reckoned from date of acceptance of work order.
4. The copy of work order duly accepted on its body be sent back as a token of acceptance of the same.
5. The period of completion of work will be 120 days.
6. The report shall be submitted in 6 copies and soft copy to General Manager Gevra Area.
7. The proposal has been financially concurred vide FC/GVR/C/FL/17-18/27 DT: 17.03.2018 and BC/GVR/C/FL/17-18/62 and paying authority will be Area Finance Manager, Gevra SECL.

You are requested to contact Assistant Manager (ENVT.) 9425282479, Gevra Area to start the work and its early completion.

Yours Faithfully

25/5/18

Nodal Officer (Envt./ Forest)
SECL Gevra Area

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालयः महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
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पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 245 दिनांक 03/11/2021

वचन पत्र

गेवरा खुली खदान 112.385 हे0 वन भूमि परिवर्तन के लिये Catchment Area Teatment Plan हेतु वनमण्डलाधिकारी कटघोरा के पत्र कमाक/तक.अधि./2021/6065 कटघोरा दिनांक 20.10.2021 के द्वारा रु. 8447900/–(चौरासी लाख सैतालिस हजार नौ सौ रुपये मात्र) का डिमांड नोट दिया गया था। उक्त राशि का भुगतान ई चालान जनरेट कर कैम्पा फंड में जमा कर दी गई है, भविष्य में किसी प्रकार की अन्तर की राशि देने हेतु साउथ ईस्टर्न कोल फील्ड्स लिमिटेड गेवरा क्षेत्र, वचन बद्ध है।

3/11/21
एस.के.मोहन्ती
महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL Gevra Area

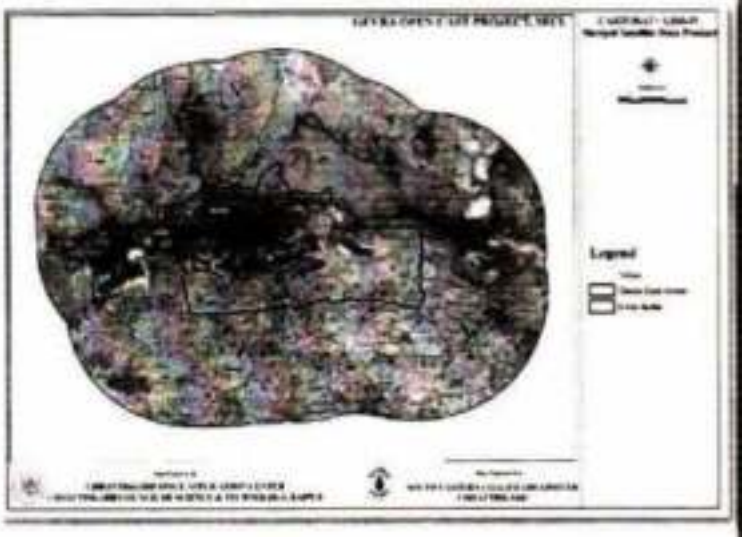
For Official use only

A REPORT ON CATCHMENT AREA TREATMENT PLAN USING REMOTE SENSING AND GIS

GEVRA AREA OF SOUTH EASTERN COALFIELDS Ltd, DISTRICT KORBA CHHATTISGARH STATE

ACTION PLAN REPORT

SURFACE DRAINAGE PLAN WITH SURFACE WATER CONSERVATION PLAN FOR GEVRA EXPANSION PROJECT



Submitted by:

CHHATTISGARH COUNCIL OF SCIENCE & TECHNOLOGY, CHHATTISGARH SPACE APPLICATIONS CENTRE,
VIGYAN BHAVAN, VIDHANSABHA ROAD,
RAIPUR (CG) 492 014

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Preamble

Effective utilization of natural resources and their management is essential for the growth and development of any economy. This requires systematic planning so that development issues do not come in the way of environmental considerations. Keeping the environmental issues in mind while planning is the most crucial ingredient for any development planning. Reliable and timely information on resources is pre-requisite for the mining development of a plan.

Various central and state departments are involved in the process of monitoring the Environmental impact of anthropogenic activities. Information on natural resources when viewed on a Satellite Data gives a synoptic view of the area of interest and thematic interpretation is possible to identify areas that need specific attention for initiating conservation measures.

GIS and Remote Sensing over the years have served a useful tool for decision support. Most of the information is not available in the form that they can be directly depicted spatially over various other layers. This information is mostly available in tabular format and spread over many departments. GIS and Remote Sensing allows us to transform information from various sources to one platform and enables decisions or planning exercises in a scientific and timely manner for the benefit of the target group.

The Council has established Chhattisgarh Space Applications Centre to monitor the States natural resources. The CGSAC has been established:

a. To carry out all work related to Remote Sensing Applications and GIS for the State of Chhattisgarh.

b. To carry out work related to Satellite Communications for Training, Education and Health, etc. for the State of Chhattisgarh.

c. To take up the National projects within the State as well as outside the State.

The CGSAC also promotes training in Remote Sensing/GIS technology for the various line departments and students & faculty members of various Universities and colleges to popularize the techniques.

Chhattisgarh Space Applications Centre of Chhattisgarh Council of Science and Technology over the years has built in-house capacity to take-up tasks that are information intensive and require scientific data interpretation skills for natural resource mapping and GIS database creation. CGSAC of the council has well trained team of Senior Scientists to undertake this task.

1. Technical Proposal

South Eastern Coalfields Ltd (SECL) approached the Council to provide technical support and provide relevant inputs for the preparation of forest clearance and environment clearance proposals. Remote Sensing and GIS based inputs are required for the preparation of a comprehensive catchment area treatment plan in the area to arrest flow of silt in the Hasdo River and to improve water regime.

1.1. Study area

The proposed study area of SECL lies in the Korba District of the State. As per the boundary information provided to the Council the GIS area of the Gevra project area is estimated to be 4,731 Ha. the SECL Gevra lease area 70MTY has been informed to be 4781.798 Ha. It was also informed that the study is to be carried out for the 5Km buffer of the Gevra project boundary; the area within 5 km buffer is estimated to be 27,927 Ha.

It is also to inform here that the GIS area is based on the Ortho Rectified Satellite Images only and no DGPS survey was carried out for this purposed by the Council. This GIS area could vary from the actual area under lease. The area differences may be due to standard map projections adopted (WGS84, UTM) in this study and the field measured area could be topographic area.

Based on the area information provided SECL with the 5 Km. Buffer is plotted on the State boundary and is shown in Figure 1-1.

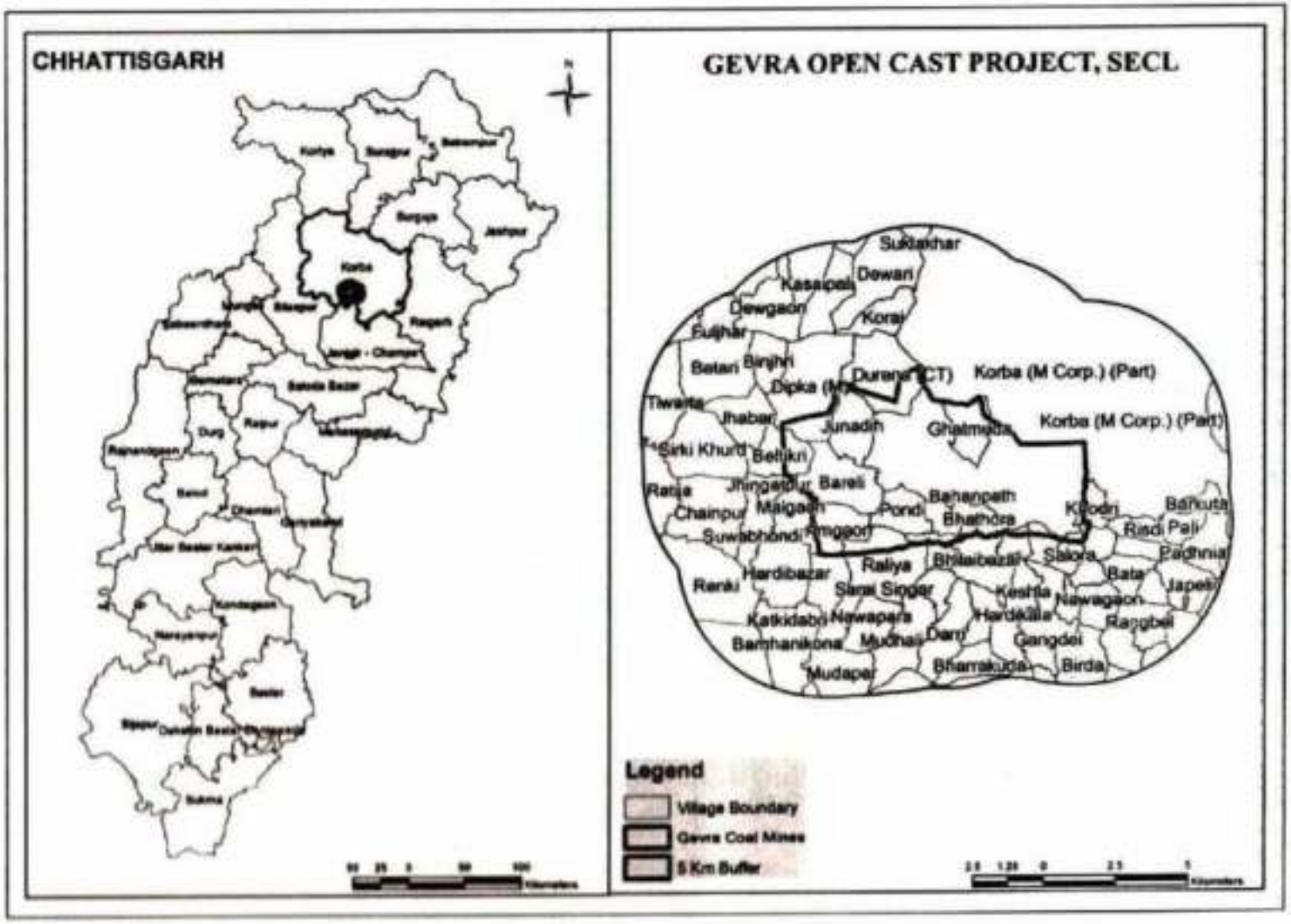

Figure 1-1 Regional Location of SECL Project Area

1.2. Scope of the work

The Scope of the work indicated by the SECL vide letter no. एस.ई.सी.एल/म.प्र/गे.क्षे/. पर्यावरण/ 2018/259 dated 23/03/18 is as under:

The study to be carried out by the council should enable the South Eastern Coalfields Ltd. to address the issues:

1. The problem of silt and debris load to river from the susceptible areas of the catchment based on Universal Soil Loss Equation (USLE) and field observation.
2. Checking the sediment load from the tributaries directly discharging into the river.
3. Protecting the directly draining catchment from scouring / sloughing
4. Mitigative measures for the erosion and other hazards resulting from the project activities

After carefully going through the requirements, Council proposes to process and generate the following maps to meet the requirements of SECL:

1. Rectification & Geo Coding of High Resolution
2. Satellite data based interpretation of Geology.
3. Overlay of Geological Structures on the Geology map.
4. Landuse/landcover of the area
5. Geomorphological setup
6. Slope
7. Drainage network
8. Surface waterbody
9. Infrastructure facilities including details of existing features:
    a. Road
    b. Rail
    c. Settlement locations
10. Village boundary with 2011 census based socio-economic profile
11. Forest & Cadastral information.
12. Action plan for soil and water conservation

1.3. Work Elements

Council's proposal against each of the work element indicated by SECL are enumerated below for getting technical consent from SECL:

Sl	As indicated by SECL Ltd.	Council's Proposal	Remarks
1	**Estimation of soil erosion**	Council proposes to use Universal Soil Loss Equation to identify and delineate areas that are prone to erosion	Widely used in erosion related research studies.
a	**Study of drainage pattern of the catchment area**	Council shall create drainage network map from Survey of India toposheets and High Resolution satellite images created under SIS-DP project	Standard procedure adopted in GIS studies
b	**Delineation of watersheds and sub-watersheds of free draining catchment**	Council shall use the National Atlas of Watersheds published by National Bureau of Soil Survey an Landuse Survey as standard base and subdivide the published watershed boundaries into smaller manageable Micro, Mini, Milli -watersheds	Standard procedure adopted in GIS studies
c	**Assessment of slope of the catchment area**	Council shall generate slope from the DEM generated from the CARTOSAT – 1 Stereo images	Slope based on DEM at 10 mts. Posting is available.
d	**Land use and land cover mapping using remote sensing and GIS**	Council shall create landuse/landcover map of the entire study area. Using existing satellite images and 10 mts pixel images available in free domain. (SECL provided boundary) As per initial estimated the GIS areas of the mine is = 4,731 Ha. And the 5 km buffer of the boundary amounts to = 27,927 Ha)	The boundary provided by SECL has been used and a buffer of 5 kms shall be created.
e	**Study of soil parameters under directly draining area**	Council has soil physiographic class maps of the study area, which would be provided as deliverables.	Not fresh mapping required.
f	**Study of soil details, silt yield and its delivery potential**	Council proposes to use Universal Soil Loss Equation to identify and delineate areas that are prone to erosion	Widely used in erosion related research studies.

Sl	As indicated by SECL Ltd.	Council's Proposal	Remarks
2	**Prioritization of Sub-watersheds**	Based on the intensity in erosion the watersheds shall be prioritized	-
a	**Preparation of a framework of sub-watersheds**	The framework shall be based on the enumeration at point no. 1b	No separate effort is required
b	**Generation of a map indicating erosion-intensity**	Council shall generate erosion-intensity map based on the results of the processing enumerated at 1f	Output maps shall be presented on A3 paper with the final report.
c	**Assignment of weightage values to various mapping units**	Council shall use the landuse/ landcover, soil and erosion intensity maps as input to derive Prioritization of watersheds	As adopted in multi criteria analysis in GIS.
d	**Assignment of maximum delivery ratios to various erosion intensity mapping units and assessment of adjusted delivery ratios for different sub-watersheds**	As universal soil loss equation shall be used, the outputs should suffice the present need	Not fresh analysis will be carried out.
e	**Computing Silt-Yield Index for individual sub-watersheds**	As universal soil loss equation shall be used, the outputs should suffice the present need	Not fresh analysis will be carried out.
f	**Grading of sub-watersheds for prioritization**	As indicated in 2c	-
3	**Identification of area for Comprehensive Area Treatment**	As indicated in 2c	-
4	**Preparation of Schedule of Implementation**	Council shall generate a suggestive action plan map of the 27,927 Ha study area.	-

Sl	As indicated by SECL Ltd.	Council's Proposal	Remarks
5	**Preparation of treatment measures and their cost estimate**	Actual engineering design of each structure and their costing shall be prepared by SECL/officers of irrigation departments	Beyond the Council's purview

For the above, South Eastern Coalfields Ltd. provided work order to the council.

1.4. Methodology Adopted

As per the needs identified in Section 1, Council proposes following methodology:

1.5. Satellite data Processing

Council shall process the CARTOSAT and suitable LISS-IV satellite data so as to enable 1:10,000 scale mapping of the feature in the 5 Km. Buffer of SECL area. The total area to be mapped is estimated to be about 238.279 Sq.Km (27,927 Ha.). The area of interest (27,927 Ha) falls in one RESOURCESAT-1, LISS-IV Mx scenes and three CARTOSAT-1 scenes. Figure 1-2 shows the SECL area with 5 Km. buffer and satellite data foot prints.

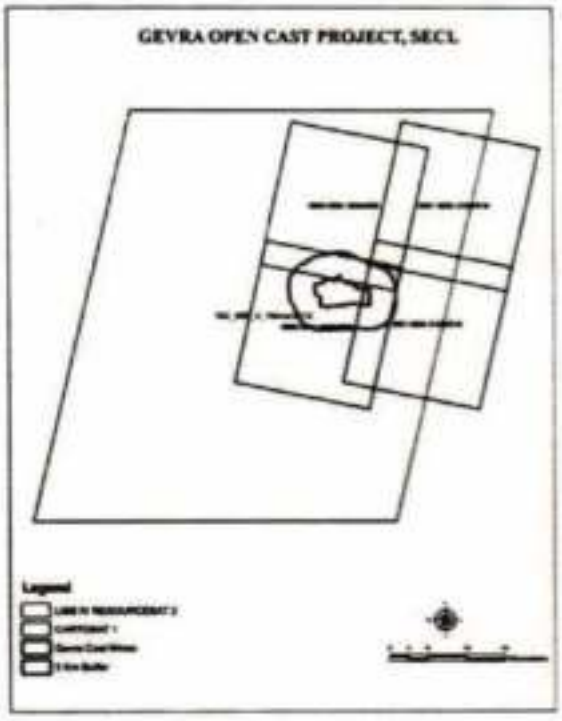

Figure 1-2 SECL Area location with Satellite Data Footprints

1.6. Outputs

Deliverables of this project will be:

1. Soft copy of Rectified & Geo-referenced Fused multi spectral (FCC) with 2.5 mt. resolution satellite data of the study area in **geotiff format** on CD/DVD.
2. Hard copy colour prints of Map compositions of satellite data and Thematic mapping (as per sections 1.2 and 0 above) of features on A3 Size paper (on best fit scale) with proper annotations, legend and scale information.
   - Geology & Geological Structures, Landuse/landcover, Geomorphological setup, Slope, Drainage network, Surface waterbody, Infrastructure facilities including details of existing features (**a.** Road, **b.** Rail, **c.** Settlement locations), Village boundary with 2011 census based socio-economic profile and action plan (containing soil and water conservation measures).
3. Soft copies of maps compositions on A3 Size paper in **.jpeg format** in CD/DVD.
4. Soft copies of GIS data created in the project in **.shp format** in CD/DVD. (for further used by SECL)
5. Report in **.pdf format** containing interpretation of the thematic data generated with area statistics.

1.7. Snapshots of the SECL Area

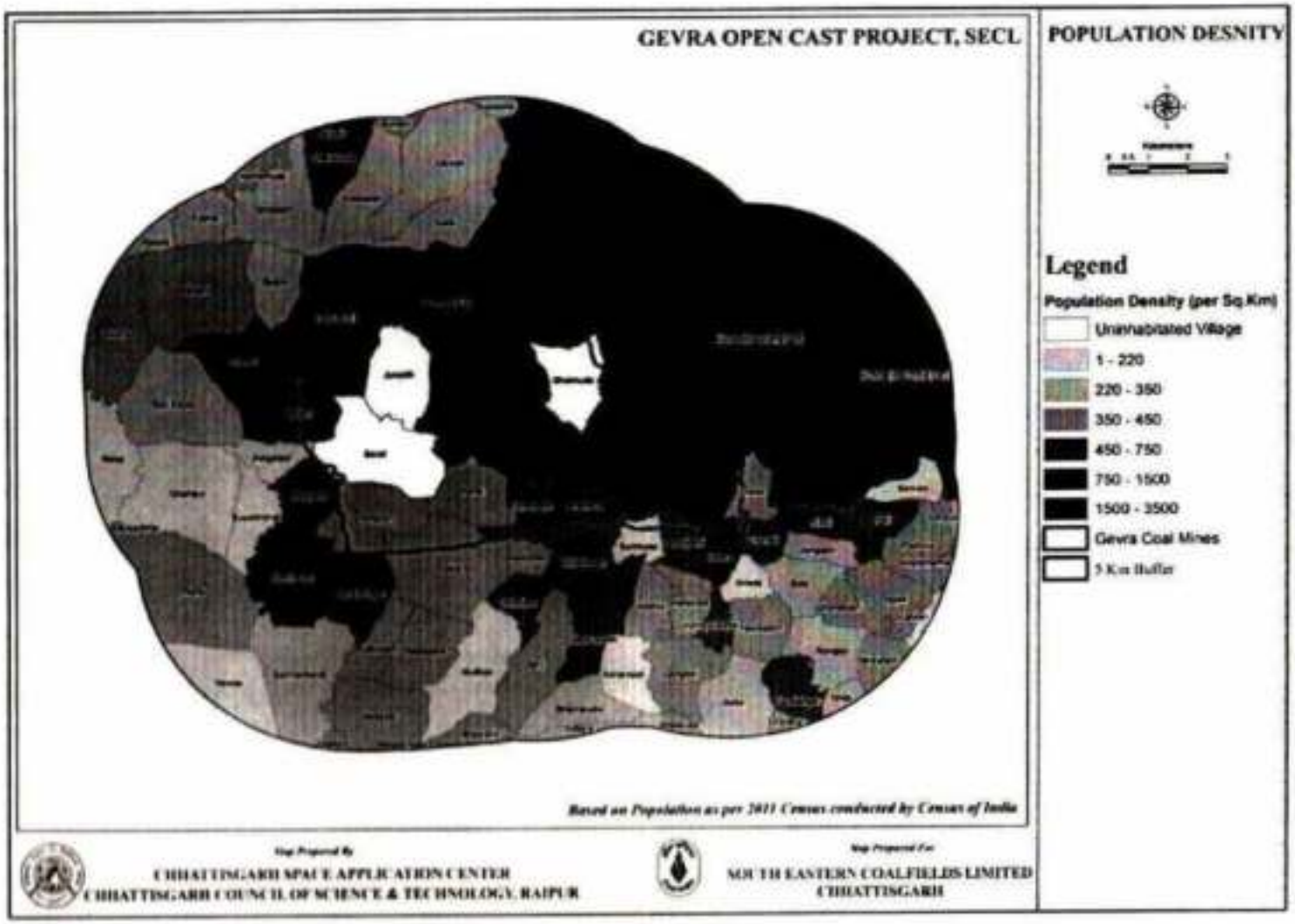

Figure 1-3 Population Density of villages around SECL project area

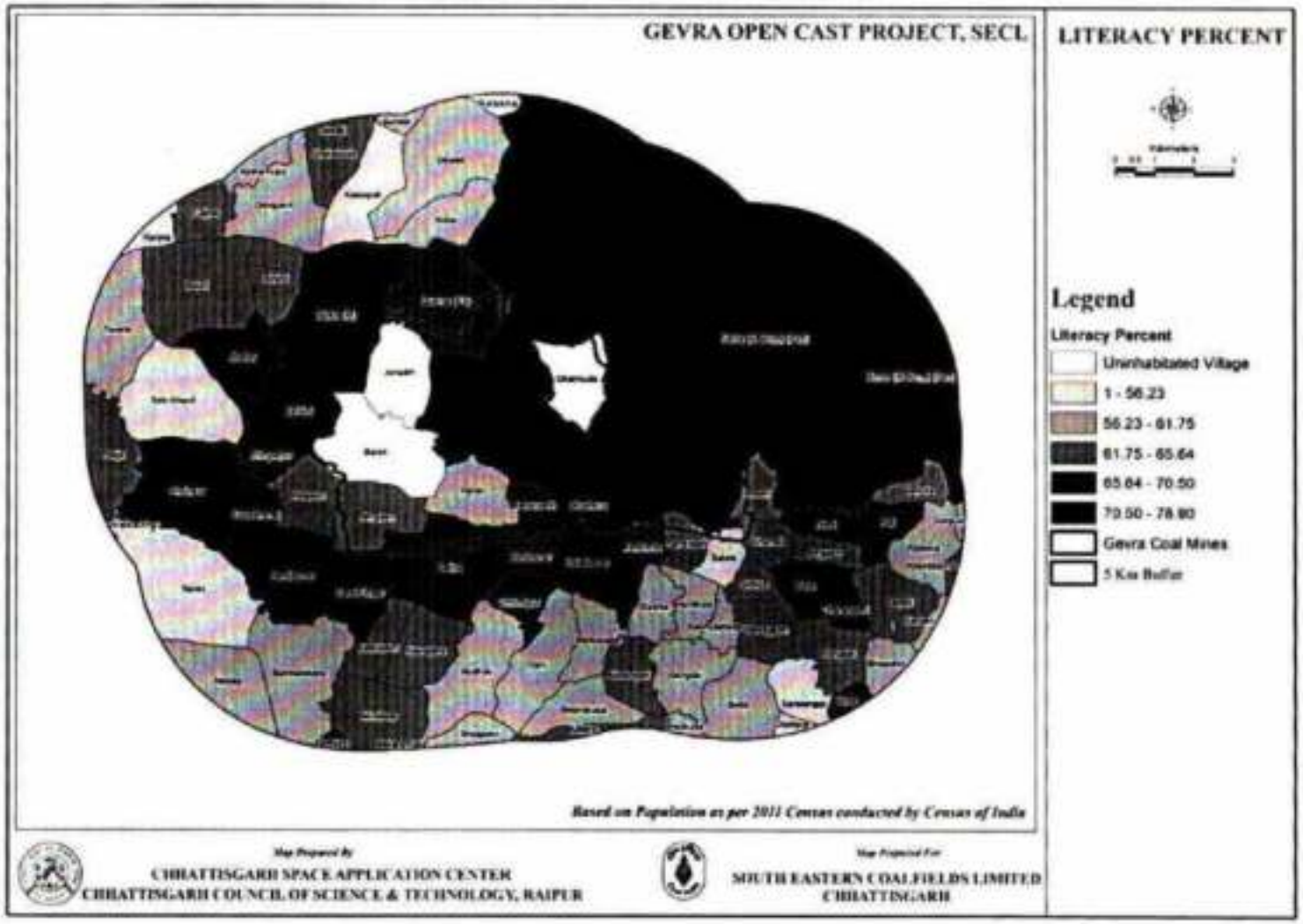

Figure 1-4 Literacy of villages around SECL project area

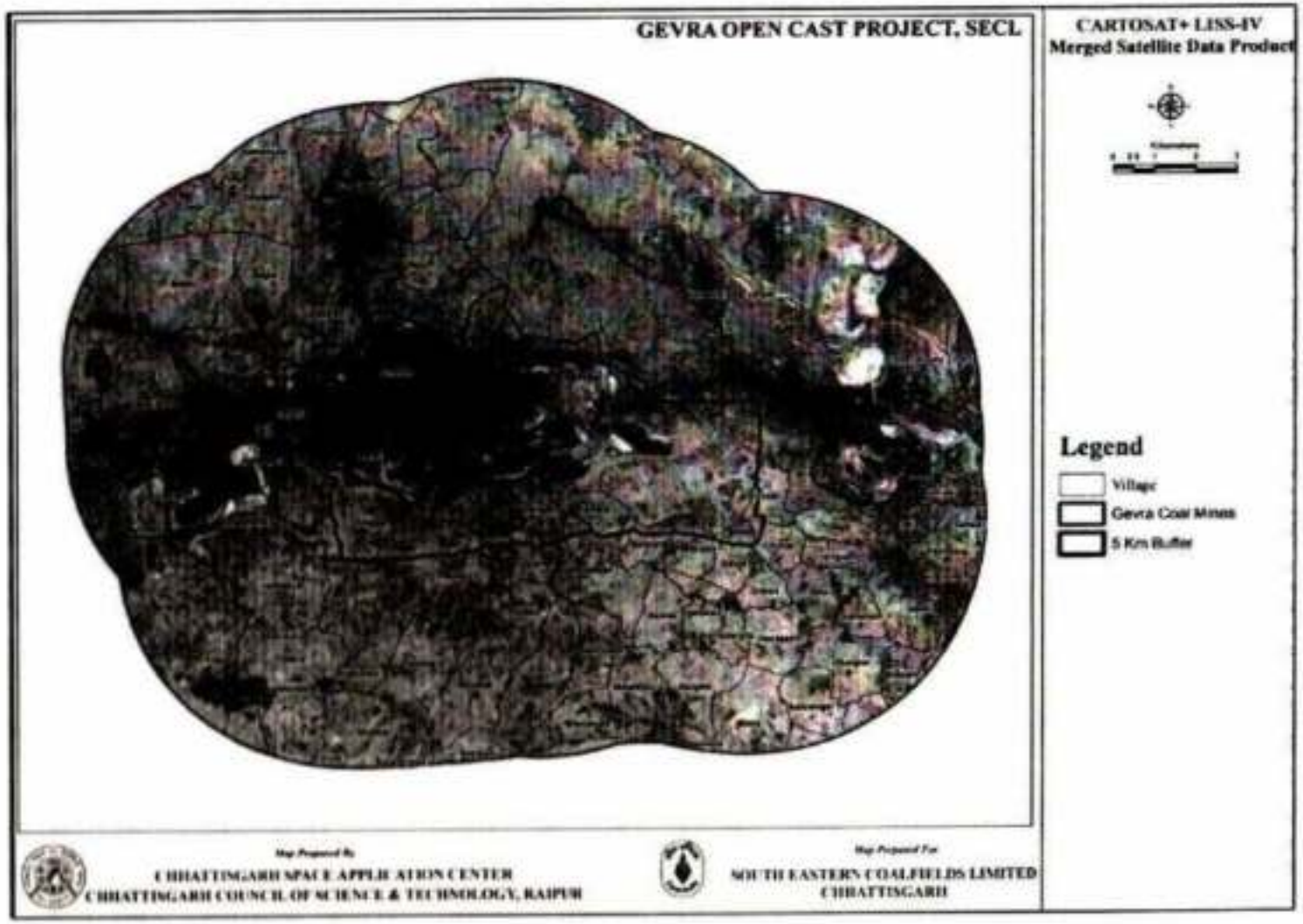

Figure 1-5 Gevra Project Area as viewed on CARTOSAT + LISS-IV merged Satellite data Product

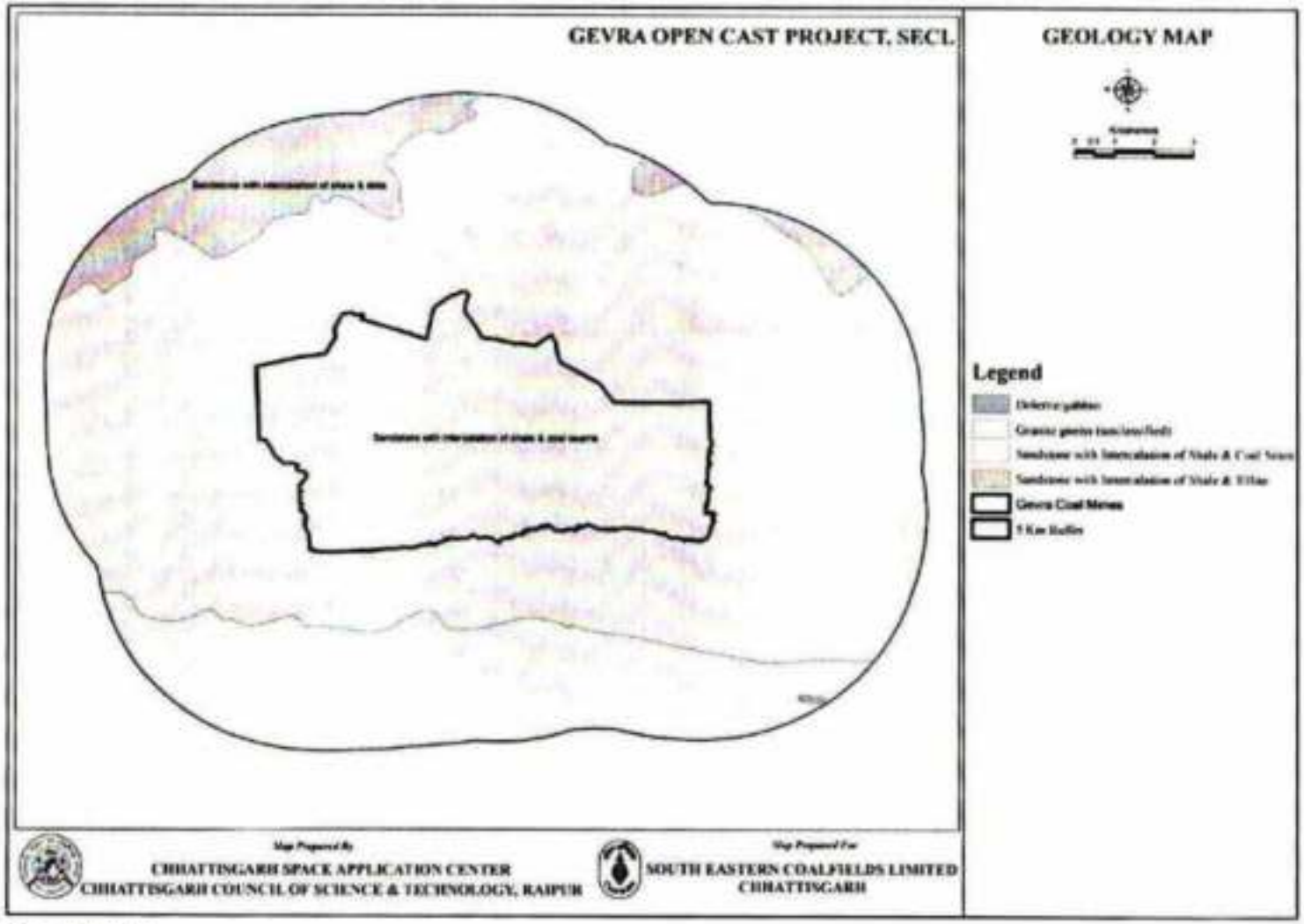

Figure 1-6 Geology of Gevra Project Area

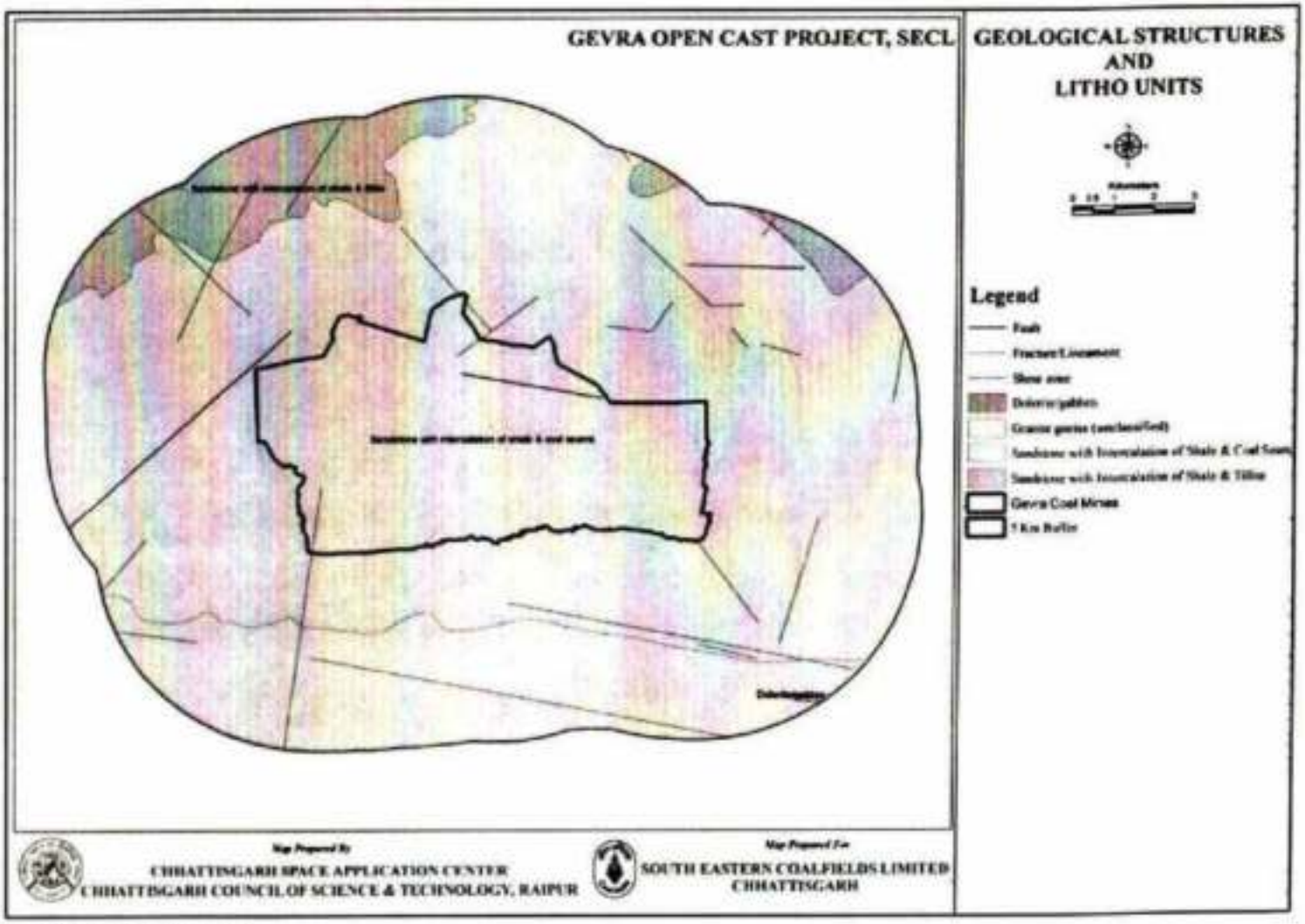

Figure 1-7 Geological Structures of Gevra Project Area

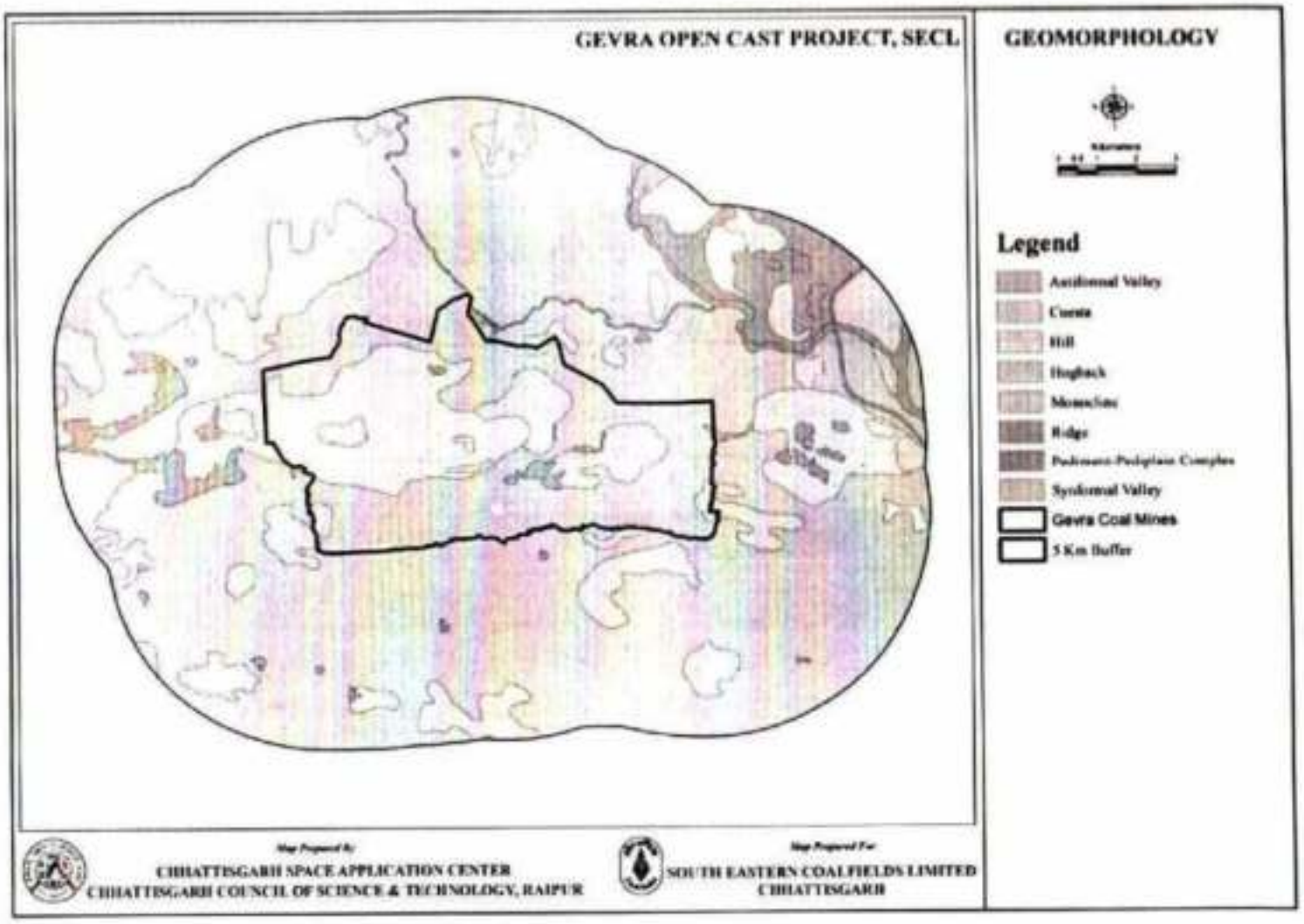

Figure 1-8 Geomorphology of Gevra Project Area (Based on Satellite data interpretation)

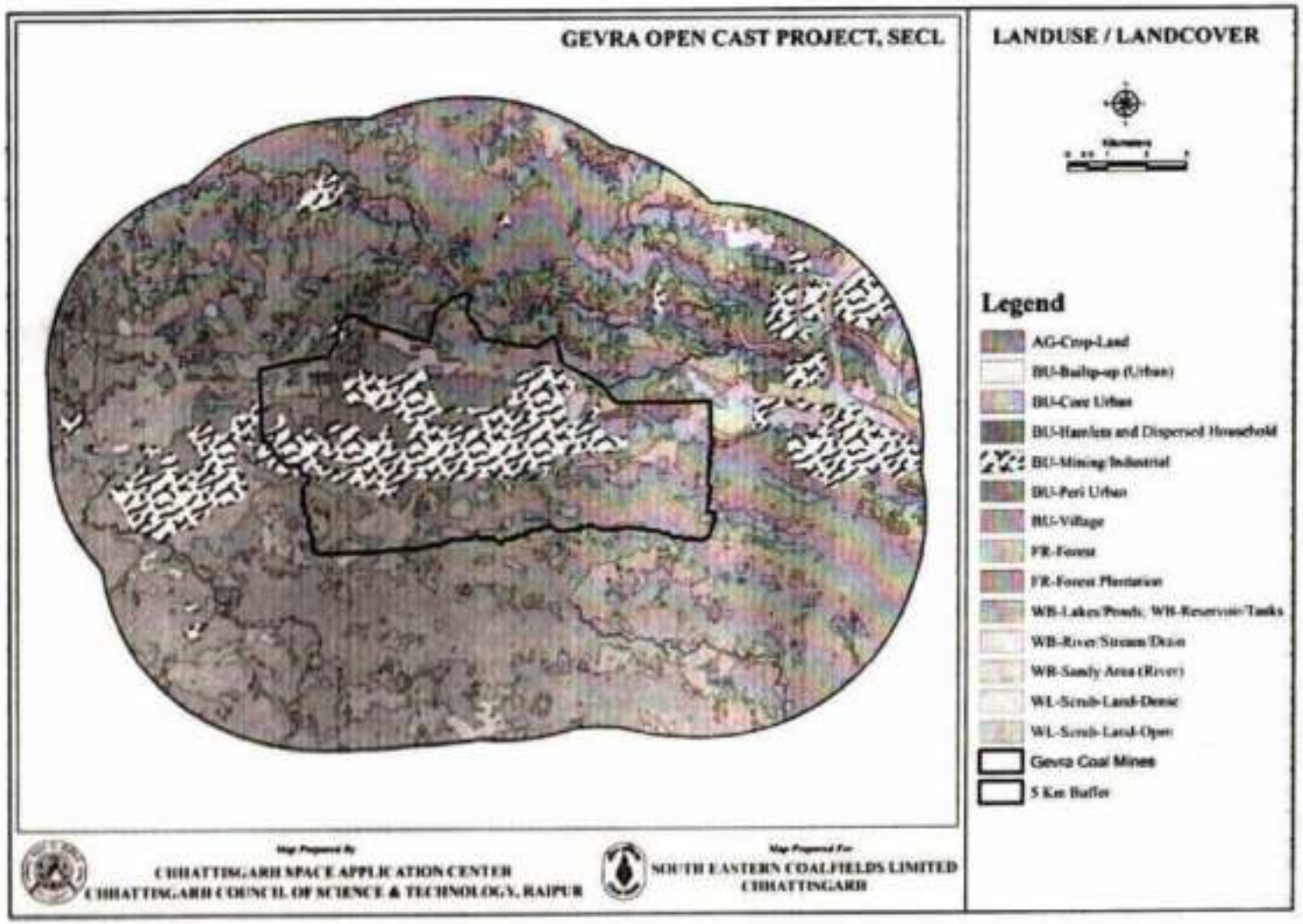

Figure 1-9 Existing Landuse of Gevra Project Area (Based on Satellite data interpretation)

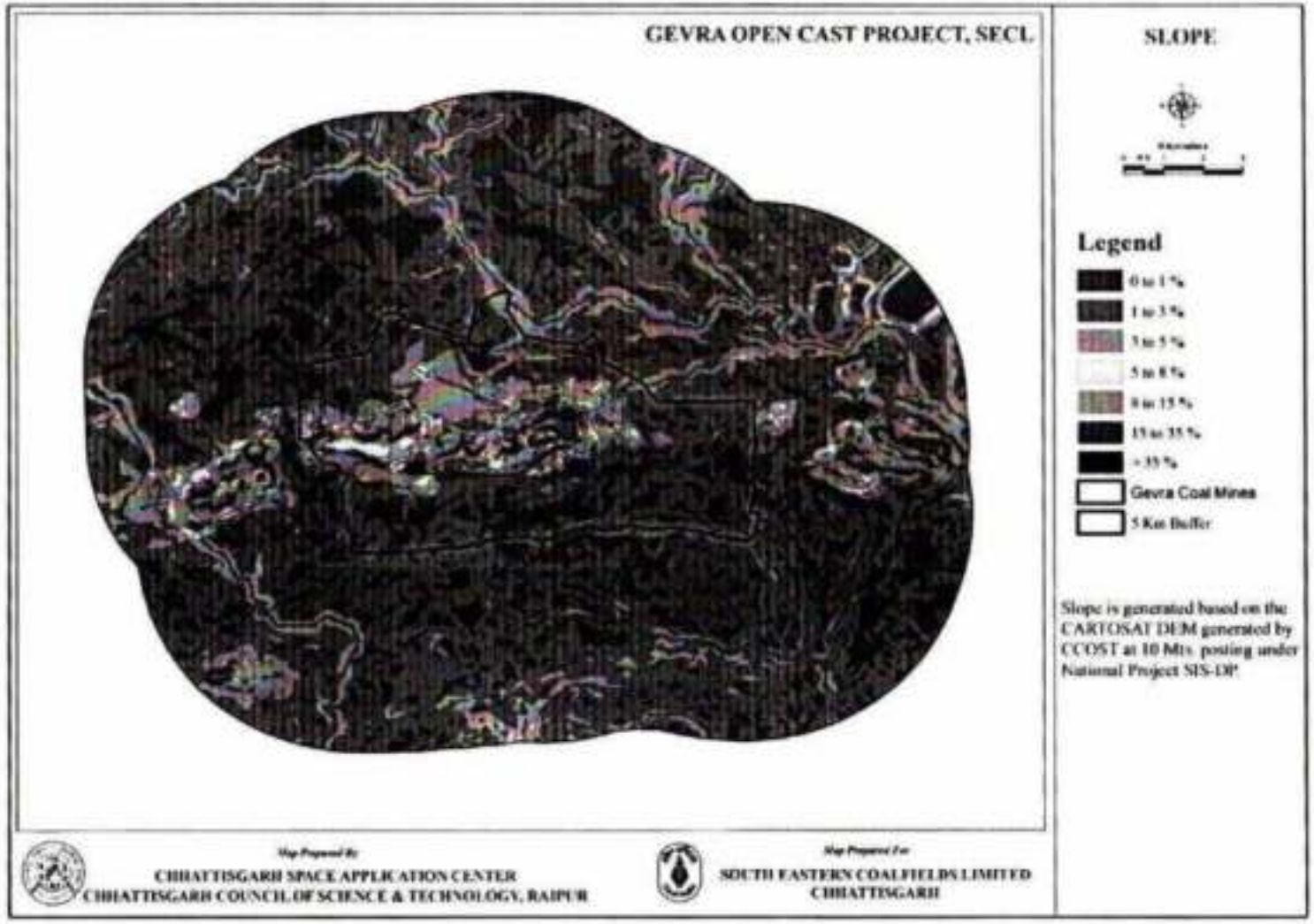

Figure 1-10 Slope of Gevra Project Area

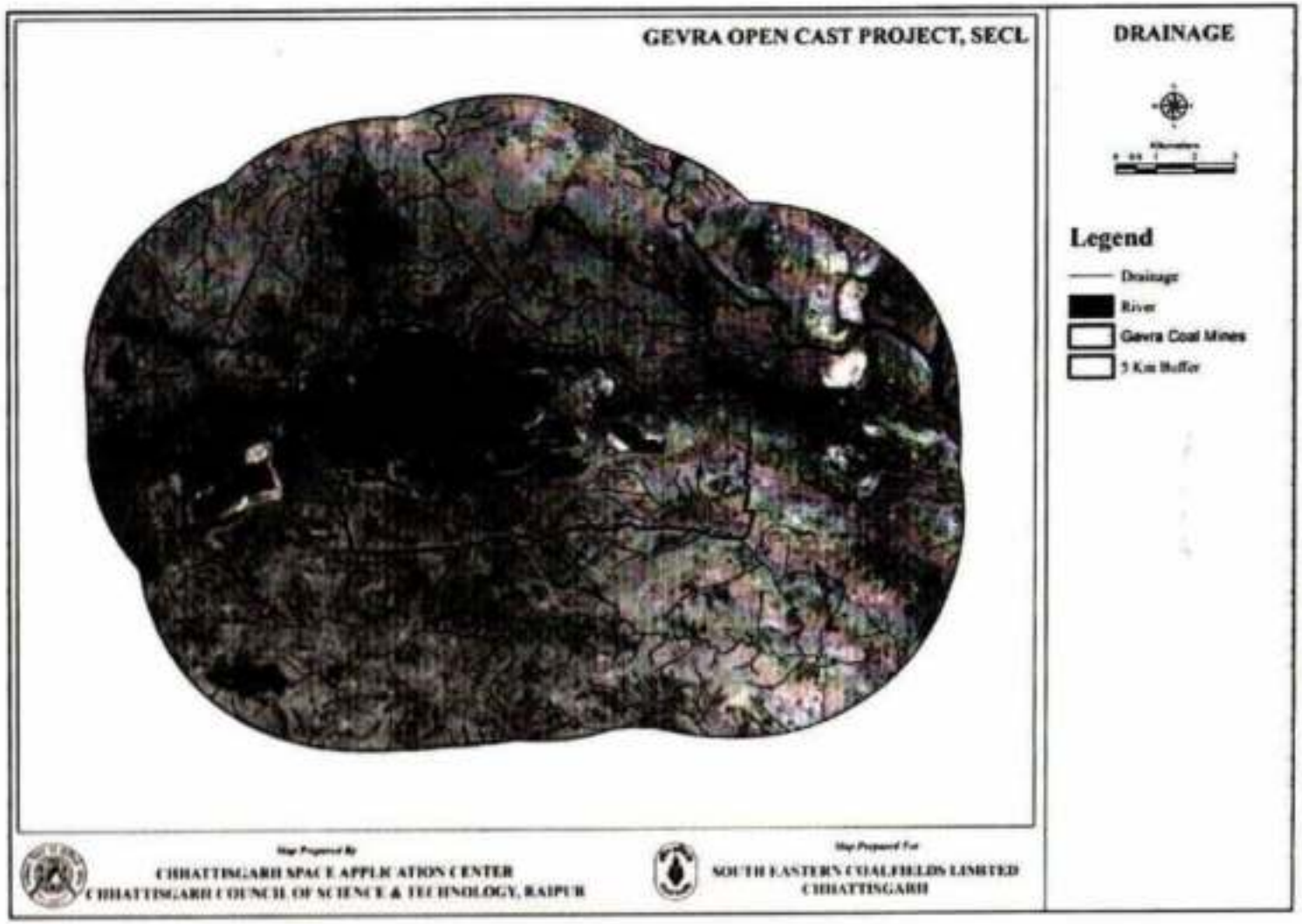

Figure 1-11 Drainage of Gevra Project Area

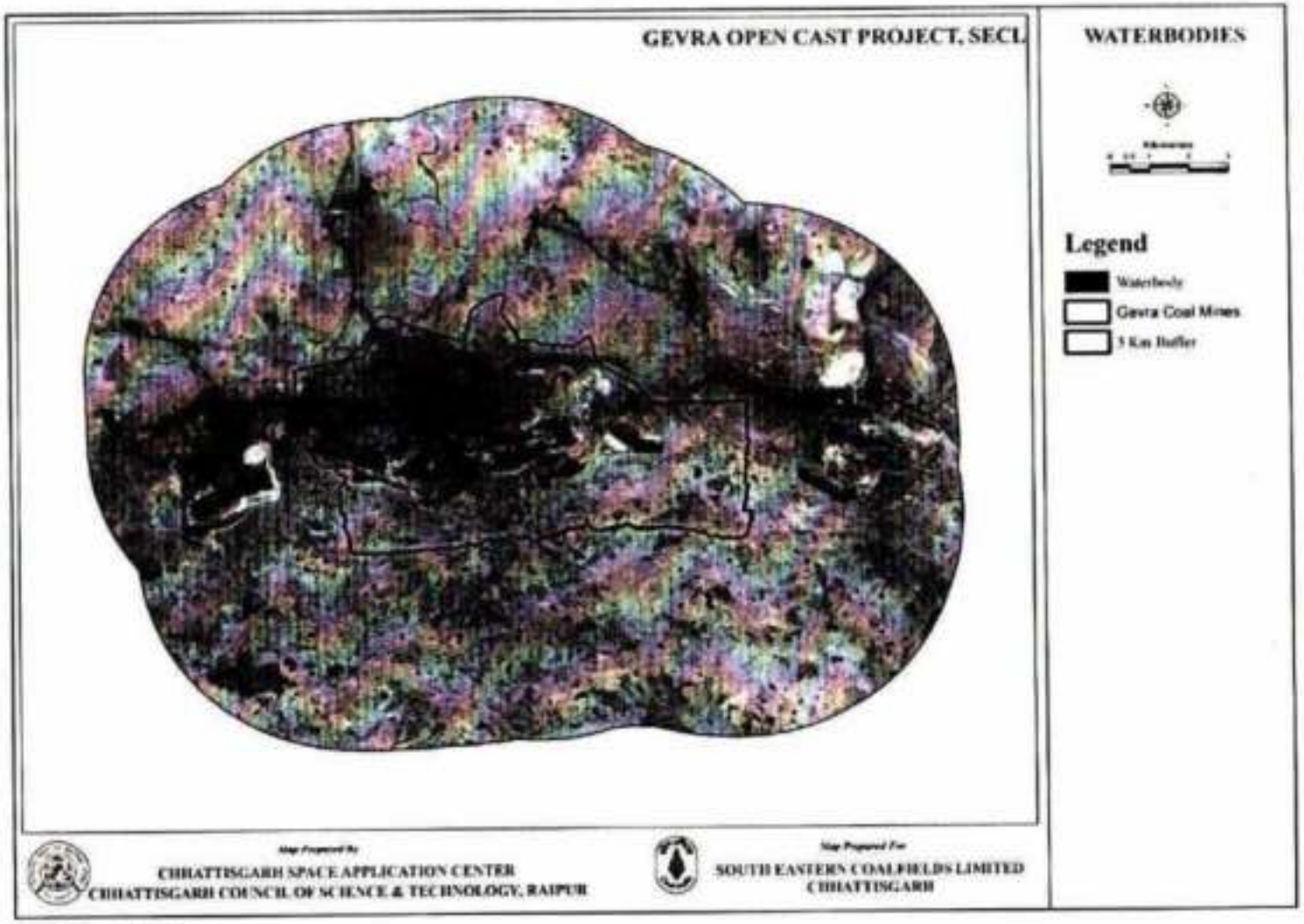

Figure 1-12 Waterbodies of Gevra Project Area

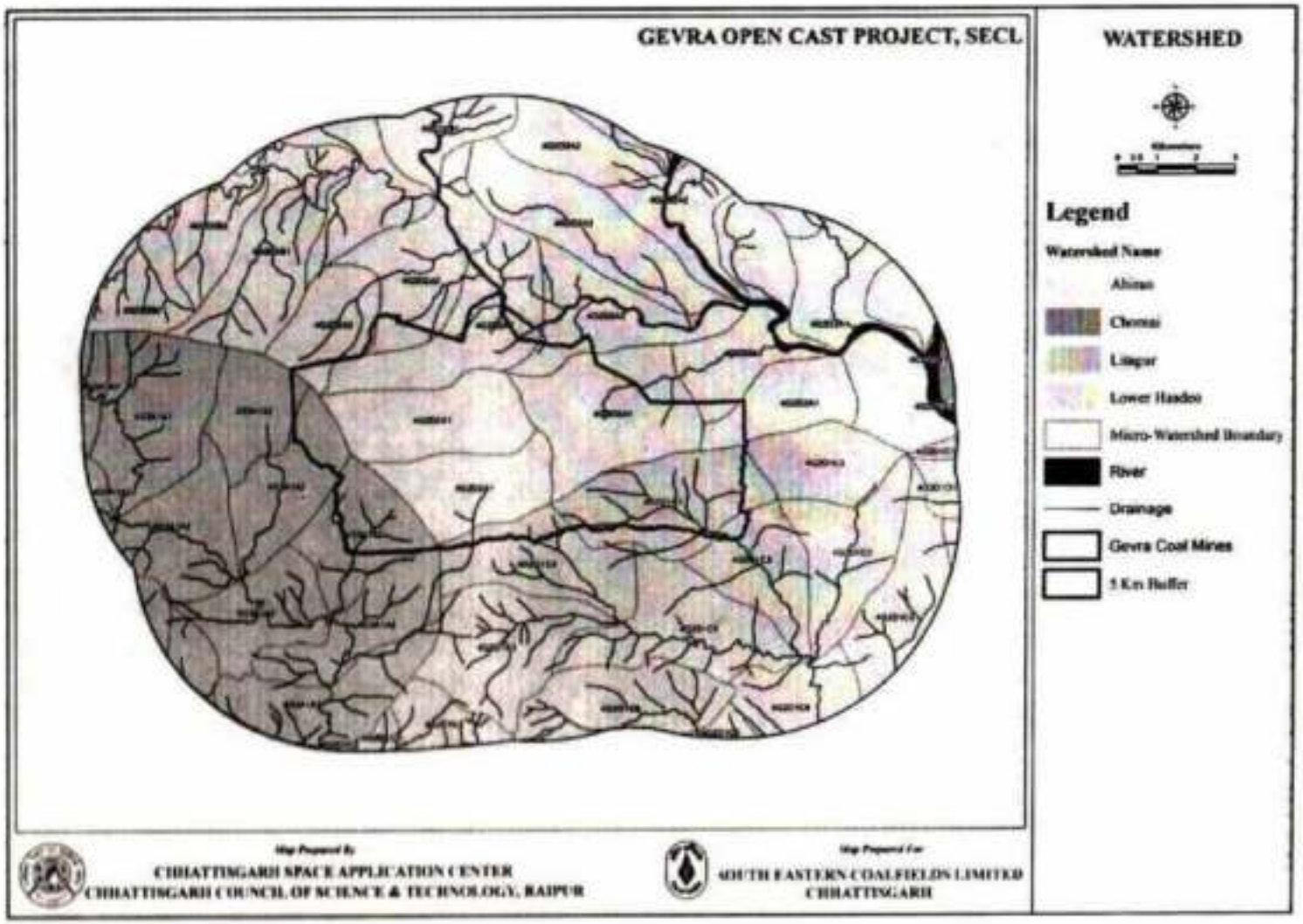

Figure 1-13 Watersheds of Gevra Project Area (Based on NBSSLUP Atlas)

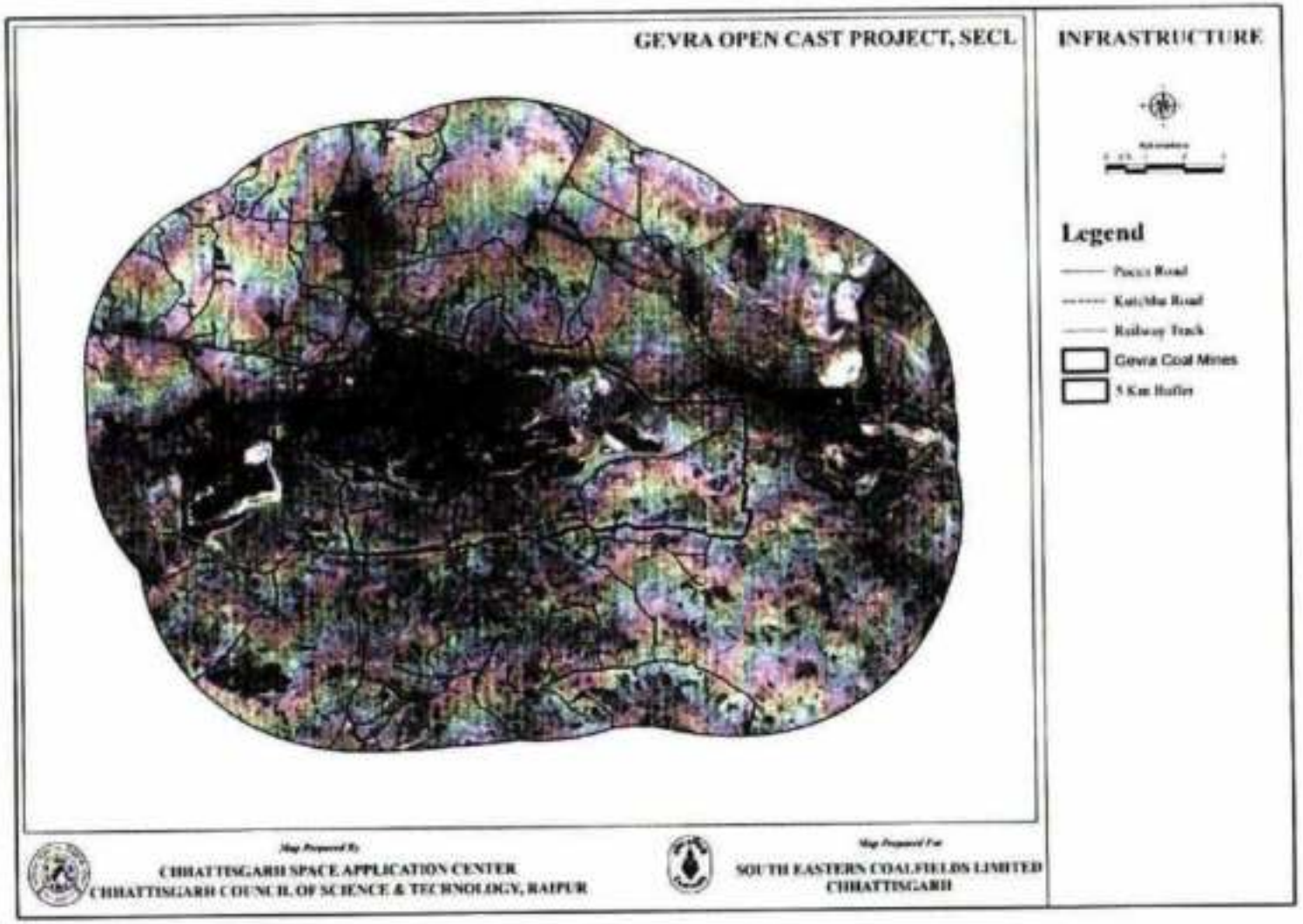

Figure 1-14 Transport Infrastructure of Gevra Project Area

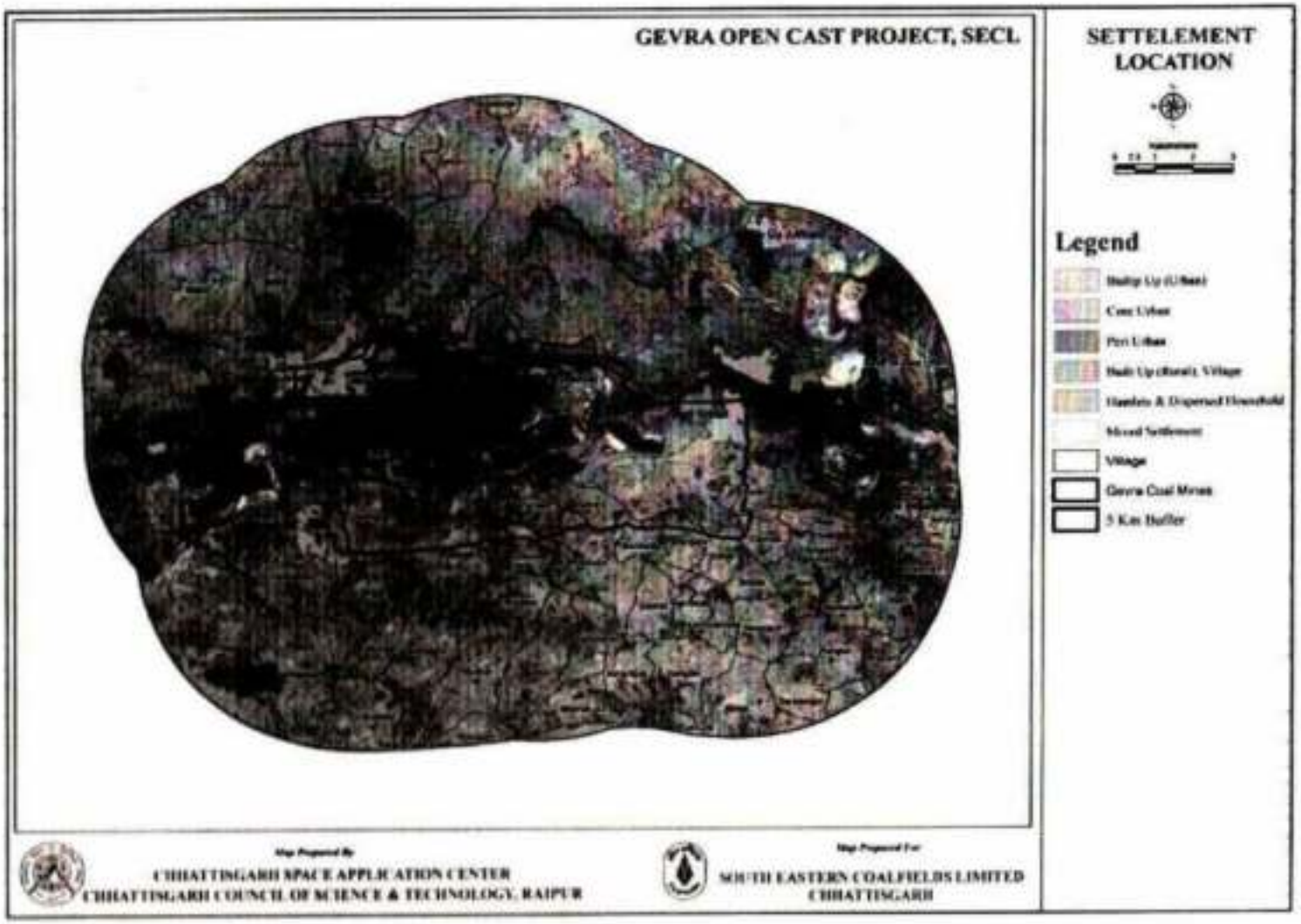

Figure 1-15 Settlement Locations around Gevra Project Area

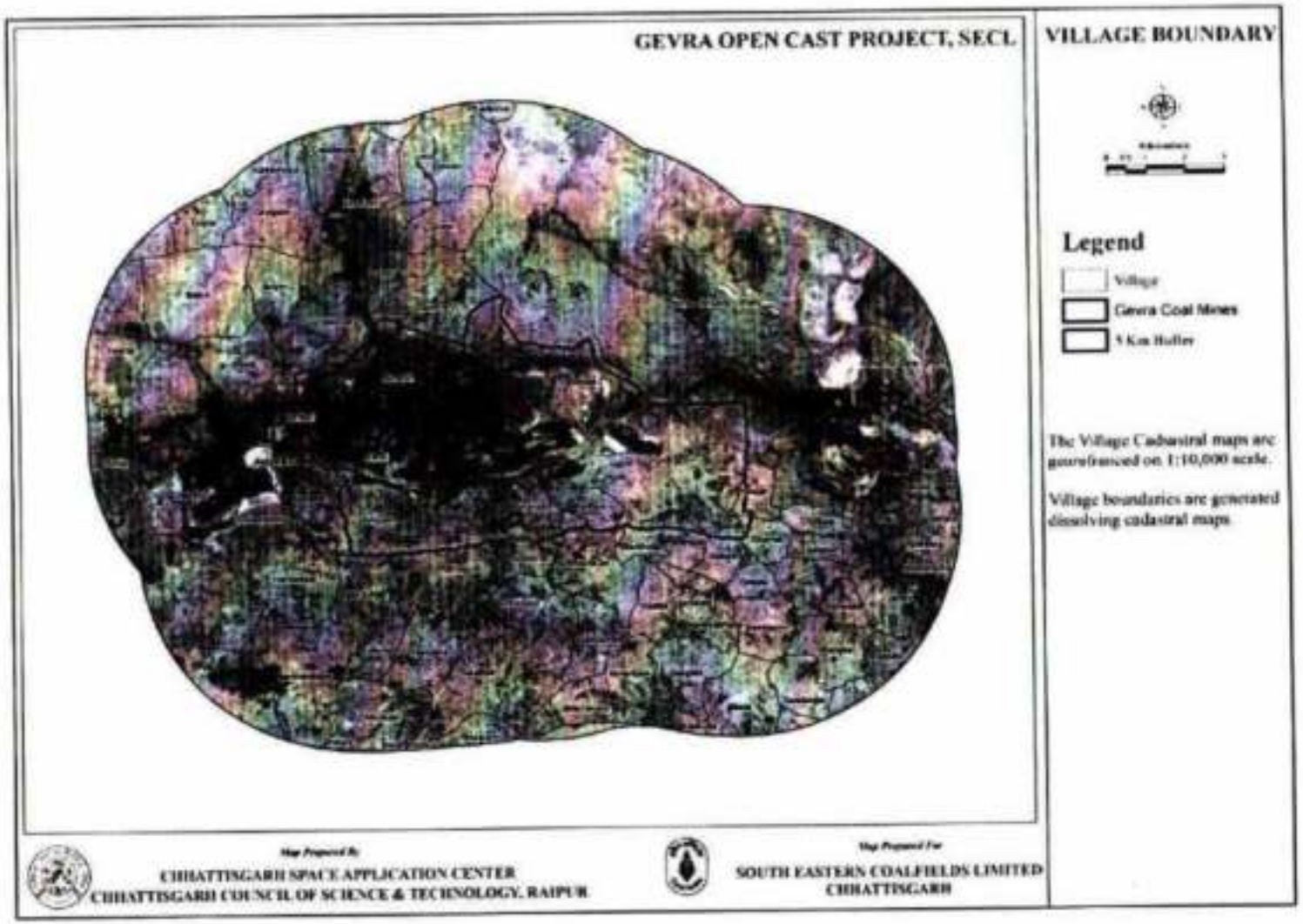

Figure 1-16 Village Boundaries within Gevra Project Area

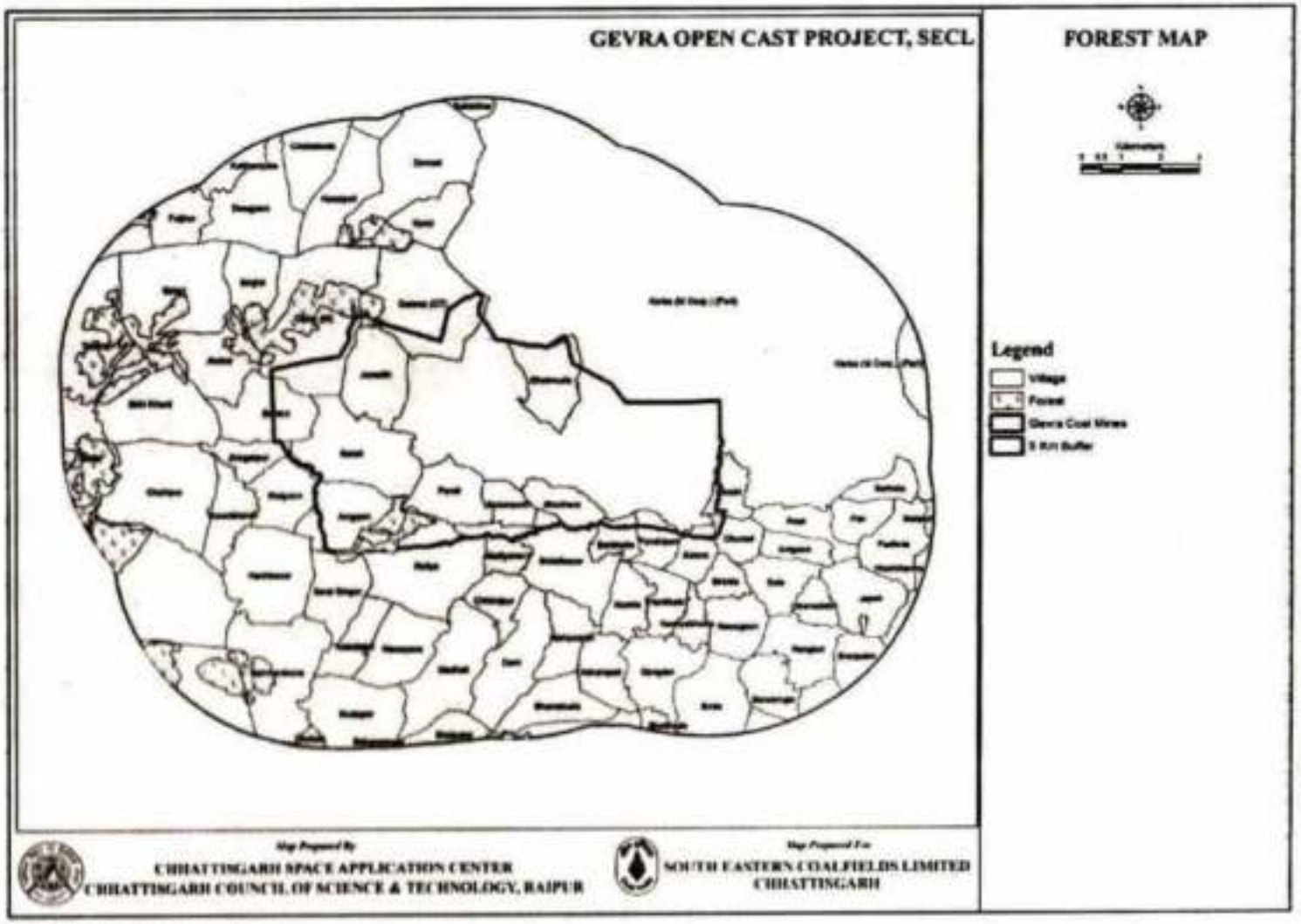

Figure 1-17 Forest Boundaries within Gevra Project Area

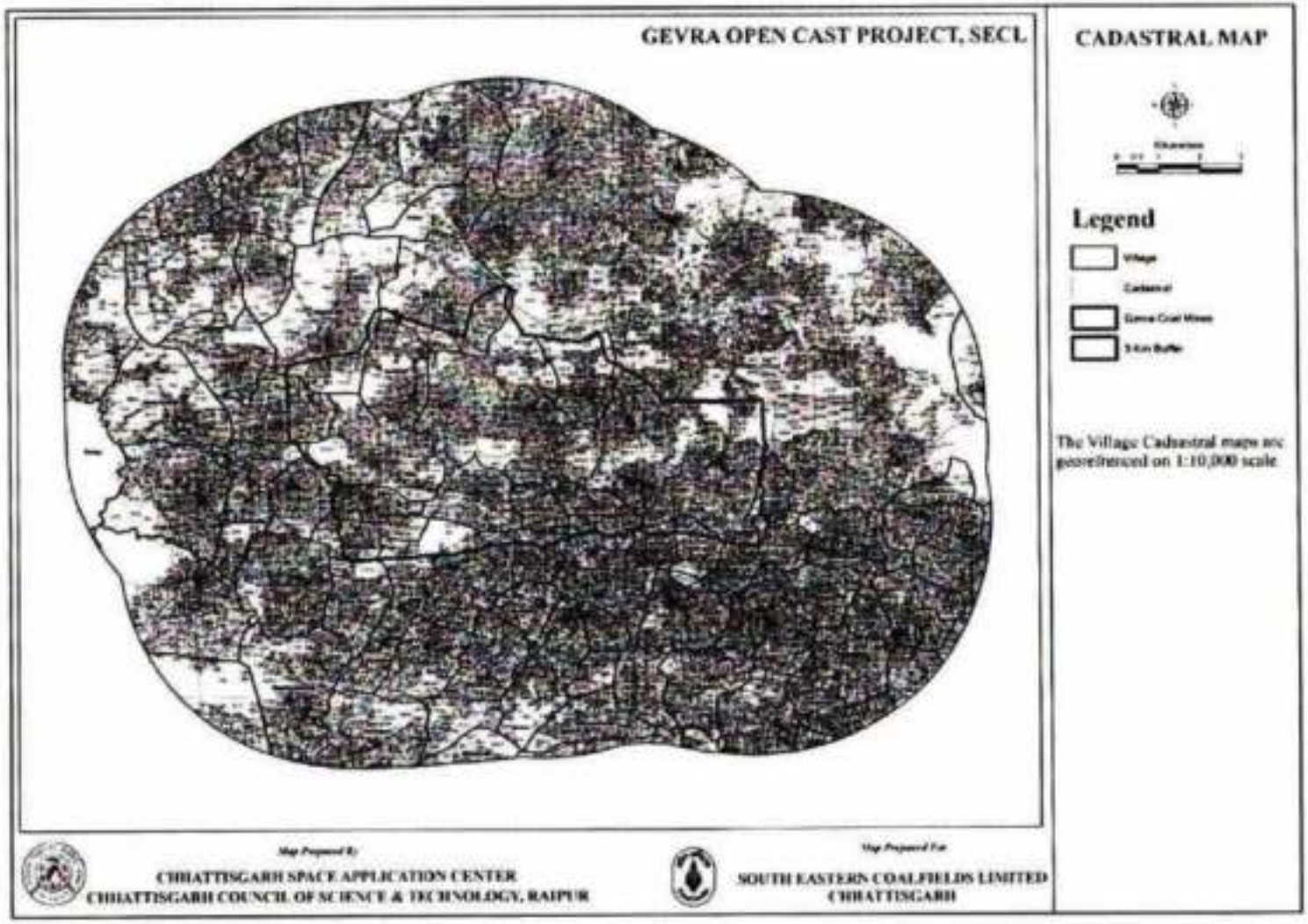

Figure 1-18 Cadastral Details (Transformed on 1:10,000 scale) within Gevra Project Area

2. Erosion Control Recommendations

2.1. Field Observation of Erosion and Sediment Sources

There are numerous potential sources of erosion and sediment transport. The four key areas of concern at the Gevra-SECL Mine include:

- Steep slopes present throughout the Mine site, and various other areas with high potential for water and wind induced erosion;
- Areas where mining has exposed fresh rock and loose material of fresh dump the vegetative cover is removed which exposes erosion prone material. The weathering agents and process can create runoff and fluidized movement of soils and overburden;
- Mine Outlet drains are not mapable from the satellite data used. These Outlet drains also require vegetative bunds where ever erosion is seen on the ground.

The field observations were further seen expressed on the satellite images and have been mapped for deriving erosion control measures in the Gevra-SECL Mine area.

Also the outputs of Universal Soil Loss Equation (ULSE) bring out the areas of erosion. Both the modeled output and the field observation were put together to derive the recommendations for change in existing landuse and built erosion control measures within the existing drainage (small nalas, streams and rivers)

As field observation it is strongly recommended that the Garland Drainage constructed by SECL needs to be strengthened and maintained regularly. The Garland Drainage being not mapable it could not be reflected on the Action Plan Map submitted here.

Table 2-1 Landuse Recommendations

EROSION CONTROL MEASURES (PROPOSED LANDUSE)	AREA (Ha.)
Area Proposed for Phase Wise Plantation	670.49
Gap Plantation	56.11
Intensive Plantation	9.46
Steep Slope Stability Measures/Carpeting	62.42

Table 2-2 Erosion Control Recommendations

Erosion Control Measures (Proposed Structures)	Number of Structures
Check Dam	7
Nala Bunds/Boulder Checks	11
Vegetative Bunds	13

2.2. Weightages assigned

The Weightages assigned to each thematic class used as input to execute Universal Soil Loss Equation are as under:

Table 2-3 Weightages assigned to each thematic class

Name of thematic map - Landuse layer		
Landuse Classes	**C Factor Weightages**	**P Factor Weightages**
AGCR (Crop Land)	0.34	0.4
BUMN (Mining/Industrial)	0.1	0.5
BURH (Hemlets And Dispersed House Hold)	0.2	0.5
BURU (Urban)	0.2	0.5
BURV (Village)	0.2	0.5
BUUC (Core Urban)	0.1	0.5
BUUP (Periurban)	0.2	0.5
BUUR (Builtup (Urban))	0.1	0.5
FRDE (Forest)	0.01	0.2
FRPL (Forest Plantation)	0.01	0.2
WBCN (Canal)	0	0.1
WBLP (Lake/Pond)	0	0.1
WBRS (River/Streem)	0	0.1
WBRT (Reservoir/Tanks)	0	0.1
WBSA (Sandy Area)	0.01	0.2
WLAD (Active Dump)	0.7	1
WLBR (Barren Rock)	0.2	0.6
WLDS (Dump Slope)	0.8	1
WLGU (Guilled/Ravenious)	0.4	1
WLOD (Old Dump)	0.44	1
WLSD (Scrub Land Dense)	0.2	0.4
WLSP (Scrub Land Open)	0.3	0.6
WLWL (WaterLogged)	0.01	0.1

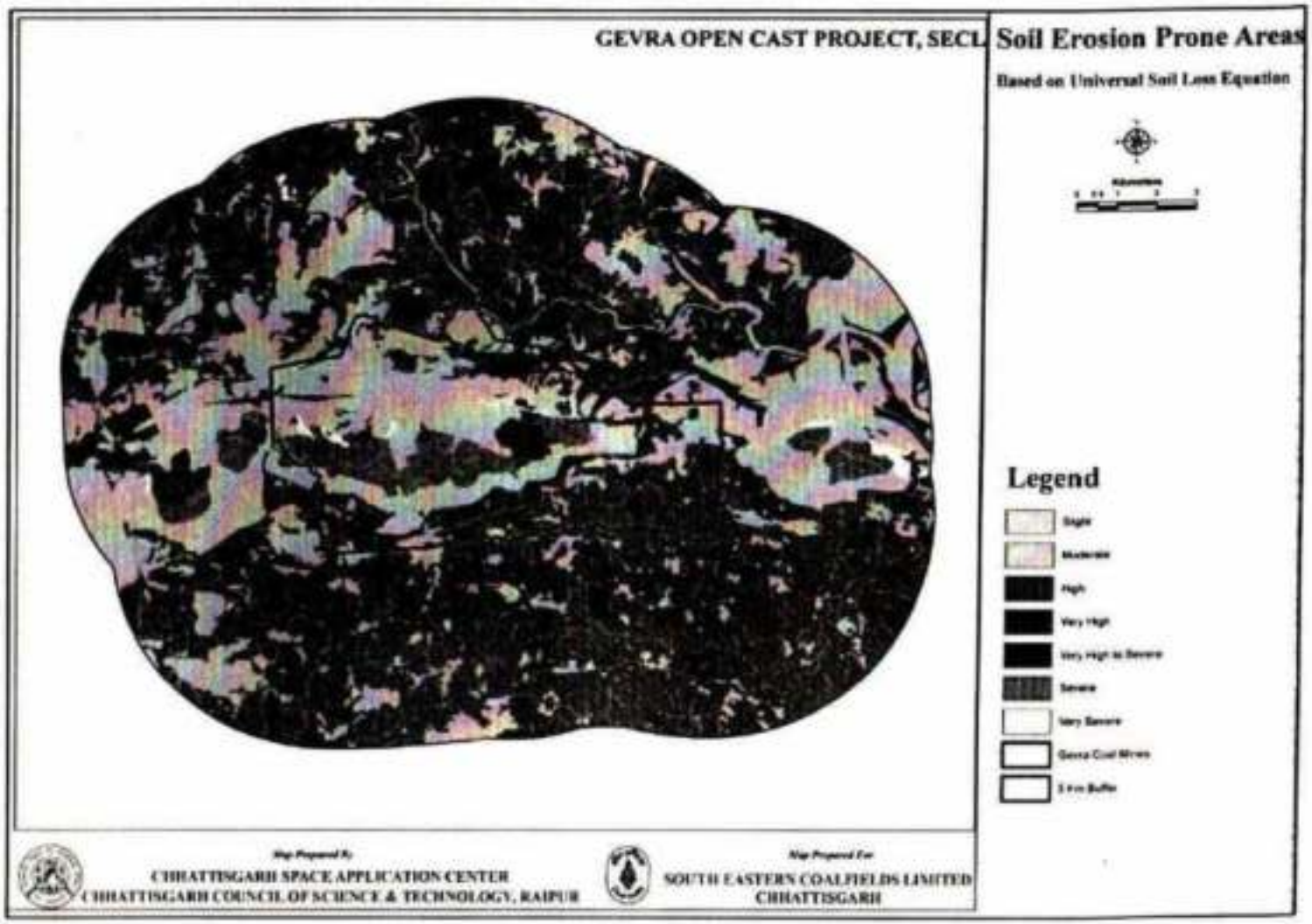

Figure 2-1 Erosion Potential areas within Gevra Project Area

2.3. Sub-Watershed Prioritization

Based on the Soil erosion intensity the sub-watersheds of the study area were assigned priority for erosion control measures. The sub-watersheds Prioritization map is as under

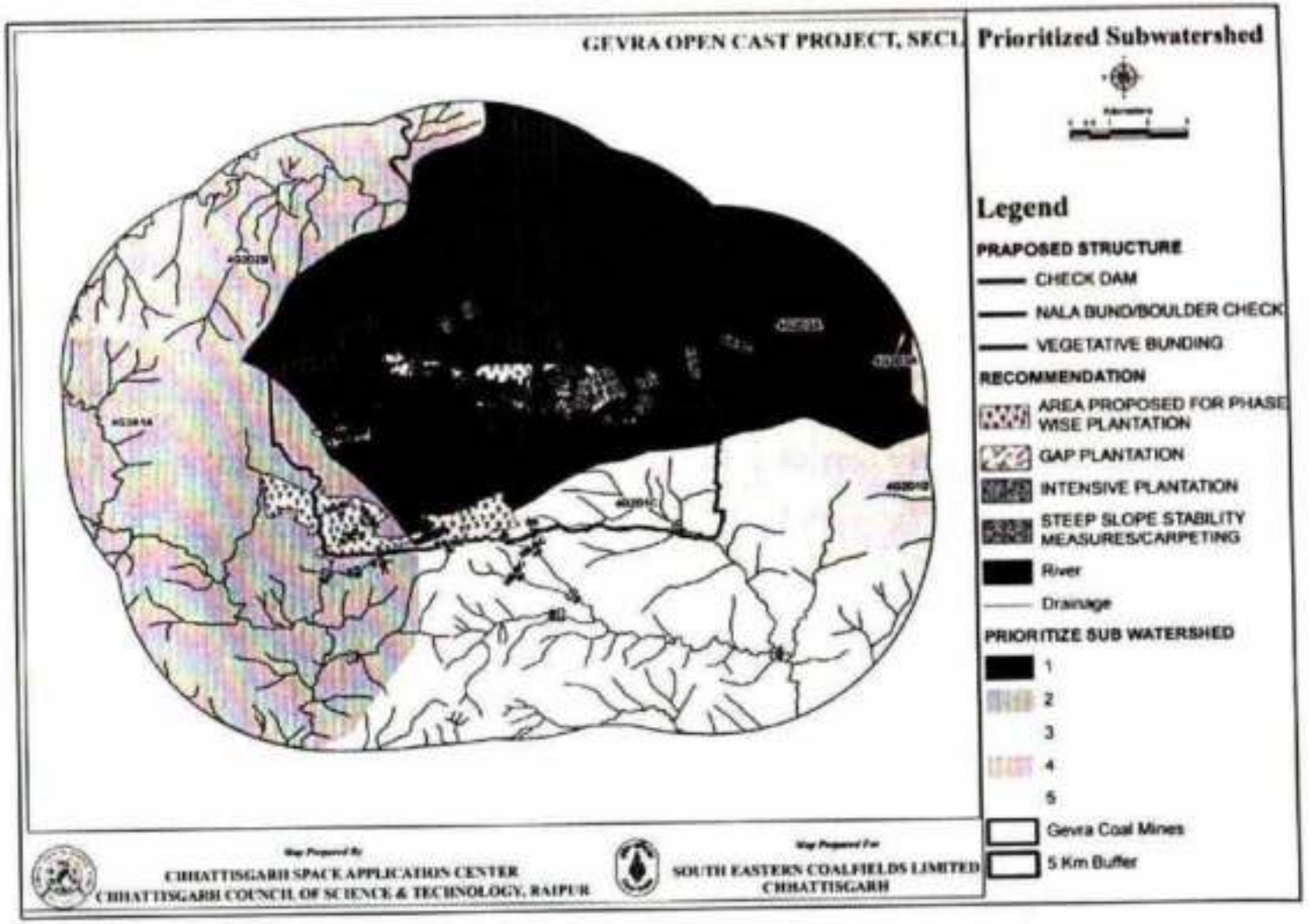

Figure 2-2 Prioritize Sub-watershed within Gevra Project Area

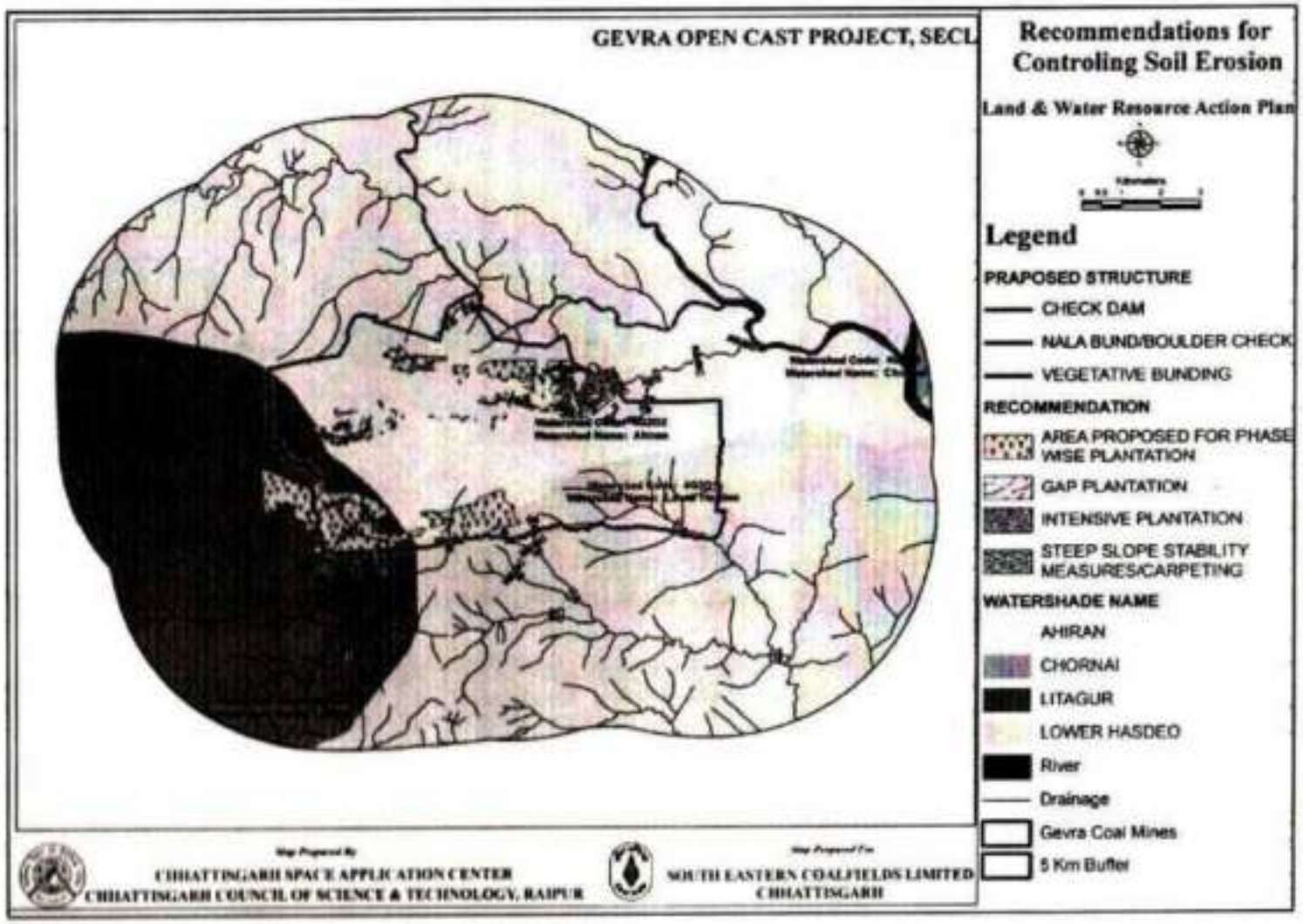

Figure 2-3 Action Plan for Surface Drainage including Surface Conservation Plan within Gevra Project Area

2.3.1. Objectives of Erosion Control Measures

- Intercepting raindrops, reducing their velocity and lessening the erosive effect of rainfall;
- Reducing the velocity of surface runoff, thereby reducing the rate of erosion;
- Sustaining plant roots, and their associated microorganisms, helping to bind soil together, increasing infiltration and reducing runoff; and
- Promoting deeply rooted plants, thus providing tensile strength to slopes and decreasing the incidence of erosion, slumping, and slope failure

2.4. Other Erosion and Sediment Control Measures

Multiple control methods outline in this section provide Gevra Mine options that can be tailored to the type of erosion and sedimentation to be prevented or reduced. On site application of mitigation measures will be determined based on a variety of factors, and the most appropriate should be implemented.

2.4.1. Settling tanks/Ditching

During heavy rainfall and thawing events, water movement on site can be significant. Strategically placed ditches and runoff collection structures can help direct water movement by reducing the total amount of water and reducing its interaction with erosion prone sites. Creating an intercepting ditch above the cut slope will catch water and direct it to less erosion prone areas, thereby reducing runoff over sensitive regions. Intercepting ditches around the mine site convey water to the Main Pit which can be subsequently pumped to water treatment plant.

2.4.2. Revegetation

Establishing a vegetative layer is critical to sites where there are exposed slopes and no further construction is planned. Once established, a vegetative layer eliminates the need for continual monitoring and maintenance by protecting the lighter, organic soil fractions from being displaced, retaining moisture, and preventing slope destabilization. Establishing permanent areas of vegetation, or the temporary seeding of hardy, fast growing species, can offer short or long term erosion control. The choice of vegetation species will depend on many factors, such as availability, hardiness and emergence.

Two important factors in choosing vegetation well suited specifically for erosion control are; those that provide roughness on the site surface, and have extensive rooting systems that will break up the top layer of soil. Both of these factors will improve water infiltration into the soil. Seedbed preparations for vegetation establishment on steep slopes will have to be considered for those sites where it is determined to be a concern, and could include slope stabilization, stream course protection through the use of mats and mulch or organic matter application. Soil properties including organic matter content and nutrient level must also be addressed to promote successful re-vegetation. Revegetation must be done with appropriate

engineering consultation to ensure that the roots of seeded species will not adversely affect the structural properties of the surface to be revegetated. Following construction of mine infrastructure, revegetation can be immediately implemented on areas disturbed during construction, but which are no longer required for operations (e.g., overburden stockpiles, disturbed pits, along road routes and road ditches).

2.4.3. Silt Fencing

Installing silt fence as a sediment control method is a common method employed for level areas with diffuse erosion potential from sheeting on light soils. Silt fences are used to protect downslope areas and prevent further movement of the sediment as it is being transported. Settling of coarser material occurs as the runoff ponds upstream of the fence. Silt fencing is not appropriate for heavy flow areas and requires continuous maintenance.

2.4.4. Sheeting/Matting

Impermeable polyethylene sheets can offer immediate and temporary erosion control. Their use is suited for emergency responses or for short term protection in an area where the sheets will not be disturbed, because they are susceptible to tearing or movement by wind and heavy rainfall events. Also, they require inspection and maintenance until more permanent erosion measures can be implemented. However, properly installed and anchored, they can provide complete isolation of the erodible surfaces from the effects of wind and water erosion.

Blanco et al, (2008) mentioned the importance of coir matting in dump stability. The coir matting is widely used in the dump slope stabilization and prevention of dump failures. It is a biodegradable coir geo-textile made of coconut fiber or husk. It facilitates new vegetation by absorbing water and preventing topsoil from drying out. Seeding or plantation is done after blanketing the coir matting on the dump slope. They provide dump soil good support allowing natural vegetation to become established. The process of coir matt blanketing on the dump slopes is strongly recommended. First the dump soil slopes are maintained properly. The seeding is done next. After that the coir matt are placed on the dump with proper anchor. Then the seedling will soon cover the dump with vegetation which stabilizes the dump.

Paithankar A. G. et al, (2001) described the plantation system in the dump slope. Vegetation in dump slope protects dump failures through root systems and plant cover, which improve soil particle aggregation in a low cohesion situation, preventing the dump failures. The roots of the fast growing plants and bushes penetrate through the failure zones to the stable and the compact soil beneath. So it holds the moving dump soil mass and prevents the dump failures.

2.4.5. Proposed Species for Plantation

It is very important to evolve vegetation at multiple levels - plant trees, shrubs, and groundcovers. A multi-level canopy will do the best job of intercepting and slowing precipitation before it hits the ground, thus reducing surface erosion.

Also species selection should be such that species found in the state should be preferred and Leguminous should be planted in conjunction with other species. The recommended planting material for the SECL area are as under:

Table 2-4 Recommended Species of Plants

Proposed Tree Species (Local/Common Name)	Botanical Name
Mahua (Seed)	*Madhuca longifolia*
Saja (Seed)	*Terminalia tomentosa*
Aam (seed, seedling transplantation)	*Mangifera indica*
Kumhi (Seed)	*Careya arborea*
Rohan (Seed)	*Soymida febrifuga*
Sidha (Seed)	*Lagerstroemia parviflora*
Neem (Seed)	*Azadirachta indica*
Karanj (seed)	*Pongamia pinnata*
Haldu (Seed)	*Adina cordifolia*
Bel (Seed)	*Aegle marmelos*
Maharukh (Seed)	*Ailanthus excelsa*
Chichwa (Seed)	*Albizzia odoratissima*
Asta (Seed)	*Bauhinia racemosa*
Kasai (Seed)	*Bridelia retusa*
Mainphal (Seed)	*Catunaregam spinosa*
Lasora (Seed)	*Cordia myxa*
Jamrashi (Seed)	*Elaeodendron glaucum*
Bhonrsal (Seed)	*Hymenodictyon excelsum*
Baranga (Seed)	*Kydia calycina*
Kari (Seed)	*Miliusa tomentosa*
Kusum (Seed)	*Schleichera oleosa*
Jamun (Seed	*Syzglum cumini*
Rohina (Seed)	*Soymida febrifuga*
Reetha	*Sapindus mukorossi*
Korkat	*Dillenia pentagyna*
Moyan	*Lannea coromandelica*
Bargad (Transplantation)	*Ficus benghalensis*
Pipal (Transplantation)	*Ficus religiosa*

Umar (Transplantation)	*Ficus racemosa*
Pakar (Transplantation)	*Ficus infectoria*
Imli (Seed) Leguminous	*Tamarindus indica*
Amaltas (Seed) Leguminous	*Cassia fistula*
Babool (Seed) Leguminous	*Acacia nilotica*
Kala siris (Seed) Leguminous	*Albizzia lebbeck*
Palas (Seed) Leguminous	*Butea monosperma*
Proposed Shrub Species (Local/Common Name)	**Botanical Name**
Chilhi (Seed)	*Casearia tomentosa*
Dikamali (Seed)	*Gardenia gummifera*
Adusa (Seed)	*Adhatoda vasica*
Akol (Seed)	*Alangium salvifolium*
Karonda (Seed)	*Carissa spinarum*
Baibirang (Seed)	*Embelia ribes*
Marodphali (Seed)	*Helecteres isora*
Dudhi (Seed, Transplantation)	*Holarrhena antidysentirica*
Chipti (Seed) Leguminous	*Desmodium pulchellum*
Chapar (Seed) Leguminous	*Moghamia chapar*
Proposed Climbers and Lianas Species (Local/Common Name)	**Botanical Name**
Satawar (Seed, Tuber)	*Asparagus racemosus–*
Dangkanda (Seed, Tuber, Bulbil)	*Dioscorea bulbifera*
Baichandi (Tuber, Bulbil)	*Dioscorea hispida*
Gudmar (Cutting, Seed)	*Gymnema sylvestre*
Palasbel (Seed)	*Spatholobus roxburghii*
Malkangni (Seed)	*Celestrus peniculata*
Dhimarbel (Seed)	*Ichnocarpus frutescens*
Ramdaton (Seed)	*Smilax zeylanica*
Guruch (Cutting, Seed)	*Tinospora cordifolia*
Keoti (Seed)	*Vallaris heynei*
Keoti (Seed)	*Ventilago calyculata*
Mahul (Seed) Leguminous	*Bauhinia vahlii*
Bel Palas (Leguminous)	Butea roxburghii

Soil Stabilizer Grasses	**Botanical Name** *
Vetiver grass	*Chrysopogon zizanioides*
Moonj grass	*Saccharum munja*
Stylish Hemata grass	*Stylosanthes Sp.*
Andropogon aciculatus	
Dicanthium (Bothriochloa) pertusa	
Saccharum spontaneum	
For water logged areas	**Botanical Name**
Bermuda grass also known as Vilfa stellate	*Cynodon dactylon*

2.4.5.1. Mechanism

Planting a relatively large area, especially on steep slopes of old dumps where fresh erosion is seen, hydroseeding can be carried out in a very short period of time. It can be very effective for hillsides and sloping lawns to help with erosion control and quick planting. Hydro seeding will typically cost effective than planting with sod, but more than broadcast seeding. Results are often quick with high germination rates producing grass growth in about a week and mowing maintenance beginning around 3 to 4 weeks from the date of application. Fiber mulch accelerates the growing process by maintaining moisture around the seeds thereby increasing the rate of germination.

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चेक लिस्ट – 23

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4	Surface industrial development, Rly. Siding, colony, approach road, coal stock, parking etc.,	936.099	63.030	515.434	42.691	261.859	1.586	1840.699
5	Land for homestead/family	0.000	127.427	0.000	0.000	0.000	0.000	127.427
6	Safety Zone	211.046	237.457	59.568	0.000	63.230	0.000	571.301
	Total land	**1912.290**	**2886.610**	**971.630**	**366.980**	**564.686**	**772.382**	**7474.577**

Table-16.15 (b)
Post Mining Land Use (OB Departmental Coal Outsourcing Options)
Figures in Ha.

Sl. No.	Particulars	Quarry Area (After backfilling & reclamation)	Safety zone as green belt	Infrastructure, Colony, Explosive magazine etc.	R&R site	Grand Total
1	Afforested Area	1287.850	571.301	184.070	0.000	**2043.221**
2	For Future Mining	2299.800	0.000	0.000	0.000	**2299.800**
3	Water body	1347.500	0.000	0.000	0.000	**1347.500**
4	Built-Up Area	0.000	0.000	1656.629	127.427	**1784.056**
Total Land for the project		**4935.150**	**571.301**	**1840.699**	**127.427**	**7474.577**

16.4Environment Management System

Monitoring Schedule

Environmental monitoring will be carried out following the monitoring schedule for Air, Water, and Noise levels as per Standards of MOEF (Vide GSR 742 (E) dated 25.9.2000)

Plantation Monitoring

The project authority at field level will continuously monitor the growth and survival/mortality rates of the plantations till the end of 3 years. Once trees attain desired growth, no further monitoring will be required.

Action Plan for Land Reclamation and Plantation

Total no. of plants estimated as 5110486 nos. in which about 1890861nos. of plants would be planted in safety zone, infrastructure, colony etc. and the rest 3219625 nos.of plants would be planted in 1287.85 Ha. of internal dump. An area of 1347.50 Ha would be left as final void/water body after mine closure. The dump surface would be maintained flat and top soil would be spread over it as a part of final reclamation.Year

wise programme of OB removal, dumping, & plantation has been given in table 16.16.Details of action plan proposed for systematic land reclamation and plantation on a regular time schedule is given in figure-16.2.

Table 16.16

PROGRAMME OF O.B. REMOVAL, DUMPING & PLANTATION:

Year	Coal production (MTes)	OB removal (Mcum)	Dump plan (Mcum)		Dump area available for reclamation (Ha.)		No. of plantation @ 2500 Nos / Ha.		Total plantation @ 2500 Nos / Ha.
			External	Internal	External	Internal	External	Internal	
1	40	72.69	0	72.69	0	0	0	0	0
2	41	72.67	0	72.67	0	0	0	0	0
3	41	73.8	0	73.8	0	0	0	0	0
4	45	82.12	0	82.12	0	0	0	0	0
5	45	82.82	0	82.82	0	0	0	0	0
6	65	112.7	0	112.7	0	59.13	0	147825	147825
7	70	125.06	0	125.06	0	59.13	0	147825	147825
8	70	125.53	0	125.53	0	59.13	0	147825	147825
9	70	125.51	0	125.51	0	59.12	0	147800	147800
10	70	125.17	0	125.17	0	59.12	0	147800	147800
11	70	125.09	0	125.09	0	63.36	0	158400	158400
12	70	125.51	0	125.51	0	63.36	0	158400	158400
13	70	125.54	0	125.54	0	63.36	0	158400	158400
14	70	124.82	0	124.82	0	63.36	0	158400	158400
15	70	124.95	0	124.95	0	63.36	0	158400	158400
16	70	107.8	0	107.8	0	63.36	0	158400	158400
17	70	107.66	0	107.66	0	63.36	0	158400	158400
18	70	86.34	0	86.34	0	63.36	0	158400	158400
19	70	84.96	0	84.96	0	63.36	0	158400	158400
20	70	85.18	0	85.18	0	63.36	0	158400	158400
21	50	40.8	0	40.8	0	63.36	0	158400	158400
22	30.68	29.89	0	29.89	0	63.36	0	158400	158400
MC_1	0	0	0	0	0	77.3	0	193250	193250
MC_2	0	0	0	0	0	77.3	0	193250	193250
MC_3	0	0	0	0	0	77.3	0	193250	193250
Total	**1337.68**	**2166.61**	**0**	**2166.61**	**0**	**1287.85**	**0**	**3219625**	**3219625**

d) Proposed Air Quality Management (If needed)

Following air pollution control measures will be practiced within the mining area and at coal handling plants and railway siding site.

1. Water spraying will be done regularly on approach roads within the mining area to minimise the dust generation.
2. Mist sprinkling arrangement will be provided at the transfer point of coal.
3. Intensive plantation of adequate width all along the haul road and other road will be raised to minimise transport generated pollutants.
4. CHP will be provided with dust extraction arrangements.
5. Minimising the transport of coal from the crusher house to silo loading system, belt conveyor has been provided.
6. Coal transportation to railway siding will be done in covered trucks.
7. Exposed overburden dumps will be covered through an appropriate plantation
8. Optimum blast-hole geometry will be followed to reduce the dust during blasting.
9. Regular monitoring of ambient air quality of project area.

18.4 Waste disposal :–

a) External OB dump & internal backfilling details (specify the reclaimed backfilled area, area of voids for water reservoir and also the OB dump area height and volume) prior to closure of mine or during progressive mine closure (as the case be).

The total volume of OB has been estimated as 2166.61 Mcum. An external dump of 219.56 Mcum. and an internal dump of 220.97 Mcum. already exists. The total volume of OB of 2166.61 Mucm. will be dumped internally starting from the 1st year onwards.

Maximum height of internal dump will be upto 90 m (above ground level)

Slope of waste bench of internal dump	-	37 degrees
Height of individual bench	-	30 m
Width of berm.	-	30 m

Present land use would be converted into internal dump, green belt, built up area, surface infrastructure, final void/water body & other surface water body etc. after the

cessation of mining operation. Out of 2635.350 Ha. of quarry area, plantation would be done in 1287.85 Ha. The dump surface would be maintained flat and top soil would be sprayed over it as a part of final reclamation.

The no. of plantation for 1287.85 Ha is 3219625 in internal dump, 462608 Nos. in 185.043 Ha (for departmental option), 460175 Ha. for 184.070 Ha. (for outsourcing option) around the mine, infrastructure, etc.

Initially to the extent possible, top soil will be removed and stored separately. Subsequently this soil will be directly spread over the leveled graded backfilled spoil for reclamation of the quarried out land. Biological reclamation work will follow in next progressive year. Year wise proposed overburden removal, coal production and plantation is given in Table18.8 below.

The no. of plantation for 1287.85 Ha is 3219625 in internal dump, 462608 Nos. in 185.043 Ha (for departmental option), 460175 Ha. for 184.070 Ha. (for outsourcing option) around the mine, infrastructure, etc. The no. of plantation is given as under.

For departmental option:

a.	Mine, infrastructure, colony etc.	462608 Nos, in 185.043 Ha.
b.	Internal Dump after backfilling:	3219625 No.s, in 1287.850 Ha
c.	Safety zone* :	1428253 No.s in 571.301 Ha
	Total Plantation =	**5110486 Nos.**

For outsourcing option:

d.	Mine, infrastructure, colony etc.	460175 Nos, in 184.070 Ha.
e.	Internal Dump after backfilling:	3219625 No.s, in 1287.850 Ha
f.	Safety zone* :	1428253 No.s in 571.301 Ha
	Total Plantation =	**5108053 Nos.**

The plantation of trees would be of fruit bearing type. The species which are indigenous to the area will be planted. The details of the species are selected based on the flora data of that area. Stage Dump plan are shown in figures -18.2 for 5th year, 18.3 for 10th year, 18.4 for 15th year. Final stage reclamation plan is shown in fig. 18.5. X-section of final stage reclamation is shown in figure 18.6.

b) Stabilization of external O.B. dumps and backfilled area (Technical Reclamation)

Technical reclamation would involve breaking and levelling the top of OB dumps, filling of gulleys and terracing etc. The maximum depth of the project will be 340 m. The total volume of OB has been estimated as 2166.61 Mcum. An external dump of 219.56 Mcum. and an internal dump of 220.97 Mcum. already exists. The total volume of OB of 2166.61 Mucm. will be dumped internally starting from the 1st year onwards.

The height of each waste bench is restricted to only 30 m. The decoaled area after simultaneous backfilling will be levelled by means of dozers keeping a mild slope of about 1 in 200 for surface water drainage for plantation and other purposes.

Table 18.8
PROGRAMME OF O.B. REMOVAL, DUMPING & PLANTATION:

Year	Coal production (MTes)	OB removal (Mcum)	Dump plan (Mcum)		Dump area available for reclamation (Ha.)		No. of plantation @ 2500 Nos / Ha.		Total plantation @ 2500 Nos / Ha.
			External	Internal	External	Internal	External	Internal	
1	40	72.69	0	72.69	0	0	0	0	0
2	41	72.67	0	72.67	0	0	0	0	0
3	41	73.8	0	73.8	0	0	0	0	0
4	45	82.12	0	82.12	0	0	0	0	0
5	45	82.82	0	82.82	0	0	0	0	0
6	65	112.7	0	112.7	0	59.13	0	147825	147825
7	70	125.06	0	125.06	0	59.13	0	147825	147825
8	70	125.53	0	125.53	0	59.13	0	147825	147825
9	70	125.51	0	125.51	0	59.12	0	147800	147800
10	70	125.17	0	125.17	0	59.12	0	147800	147800
11	70	125.09	0	125.09	0	63.36	0	158400	158400
12	70	125.51	0	125.51	0	63.36	0	158400	158400
13	70	125.54	0	125.54	0	63.36	0	158400	158400
14	70	124.82	0	124.82	0	63.36	0	158400	158400
15	70	124.95	0	124.95	0	63.36	0	158400	158400
16	70	107.8	0	107.8	0	63.36	0	158400	158400
17	70	107.66	0	107.66	0	63.36	0	158400	158400
18	70	86.34	0	86.34	0	63.36	0	158400	158400
19	70	84.96	0	84.96	0	63.36	0	158400	158400
20	70	85.18	0	85.18	0	63.36	0	158400	158400
21	50	40.8	0	40.8	0	63.36	0	158400	158400
22	30.68	29.89	0	29.89	0	63.36	0	158400	158400
MC_1	0	0	0	0	0	77.3	0	193250	193250
MC_2	0	0	0	0	0	77.3	0	193250	193250
MC_3	0	0	0	0	0	77.3	0	193250	193250
Total	**1337.68**	**2166.61**	**0**	**2166.61**	**0**	**1287.85**	**0**	**3219625**	**3219625**

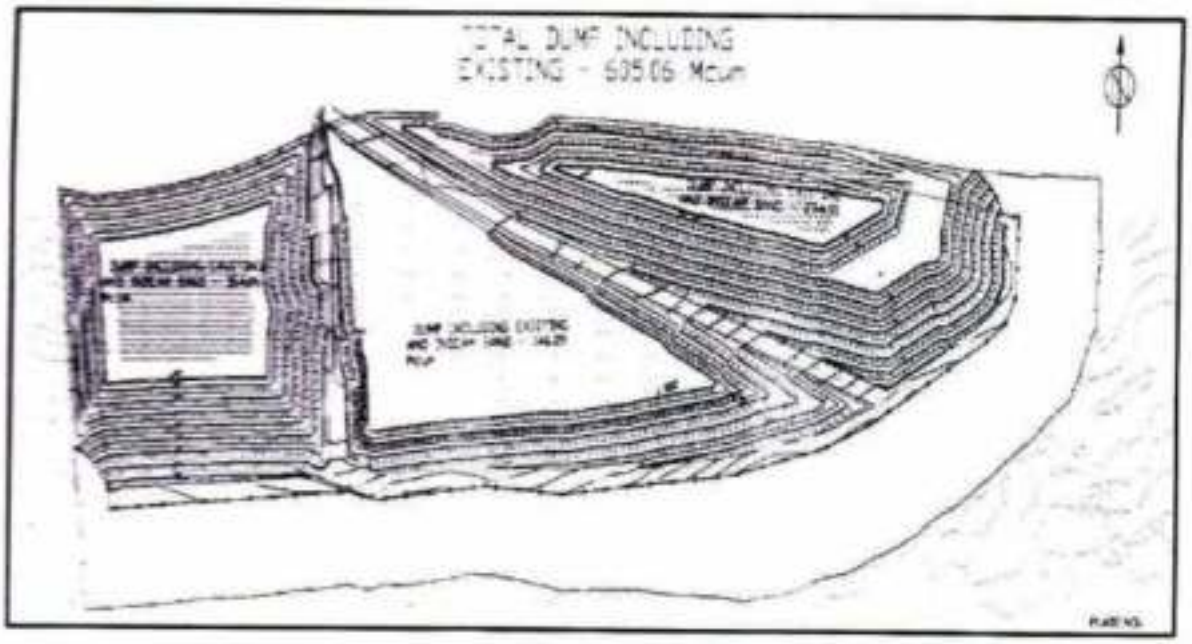


Figure: 18.2 5th year Dump Plan (1st stage)

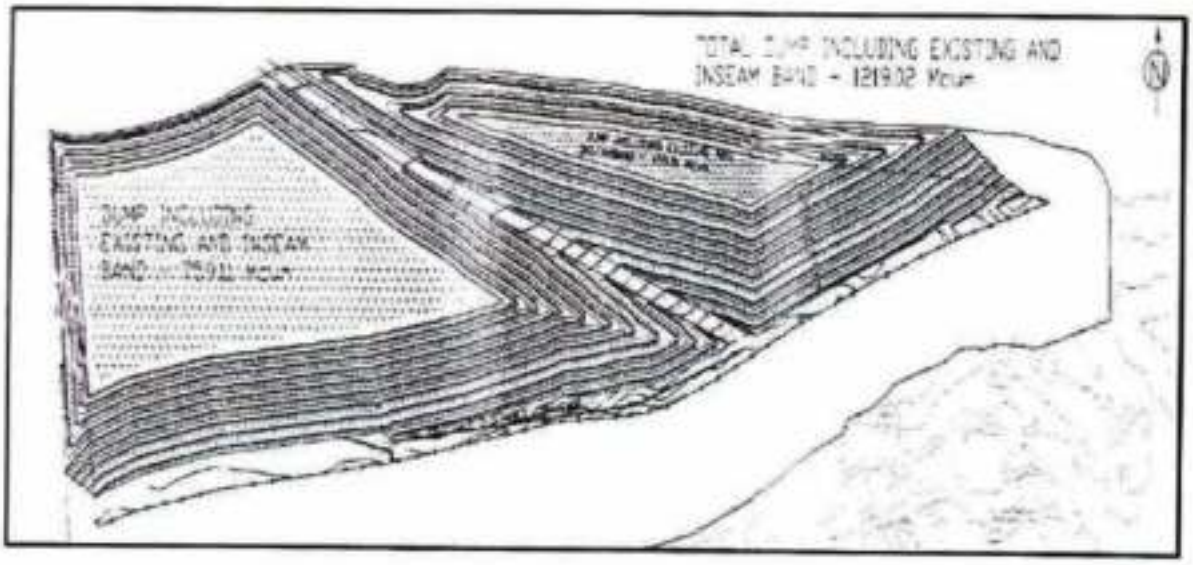


Figure: 18.3 10th year Dump Plan (2nd stage)

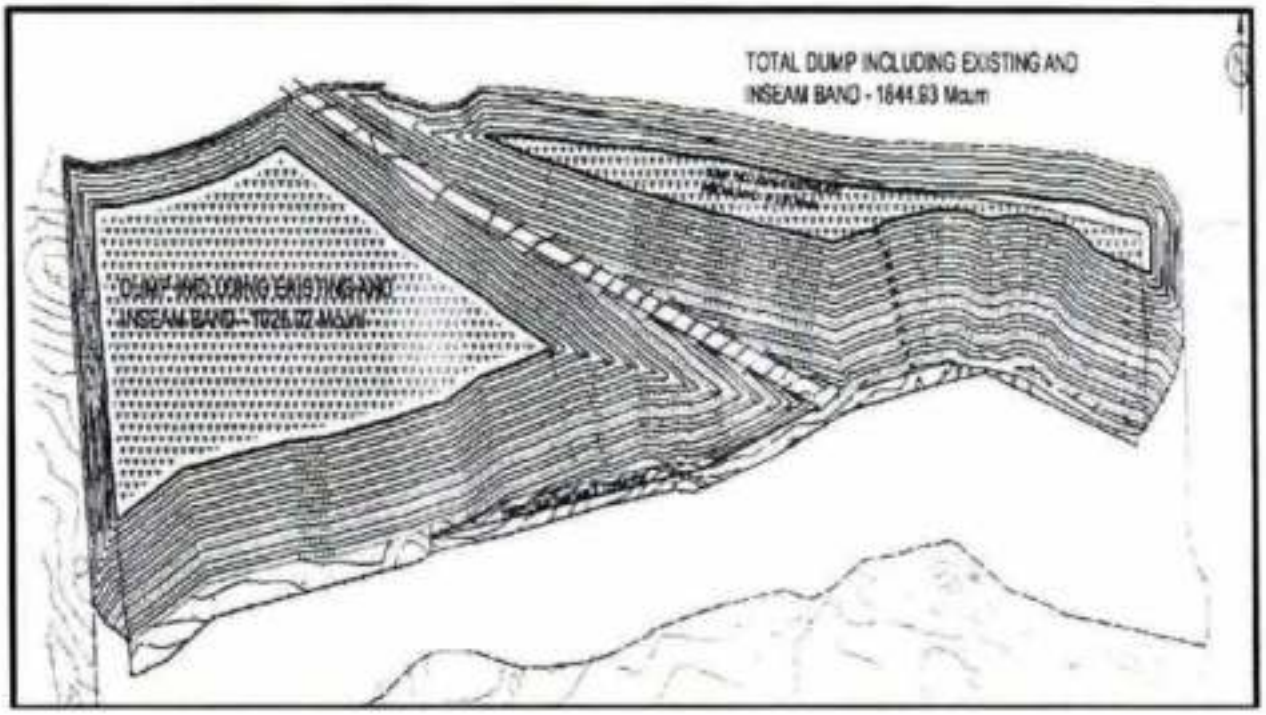


Figure: 18.4 15th year Dump Plan (3rd stage)

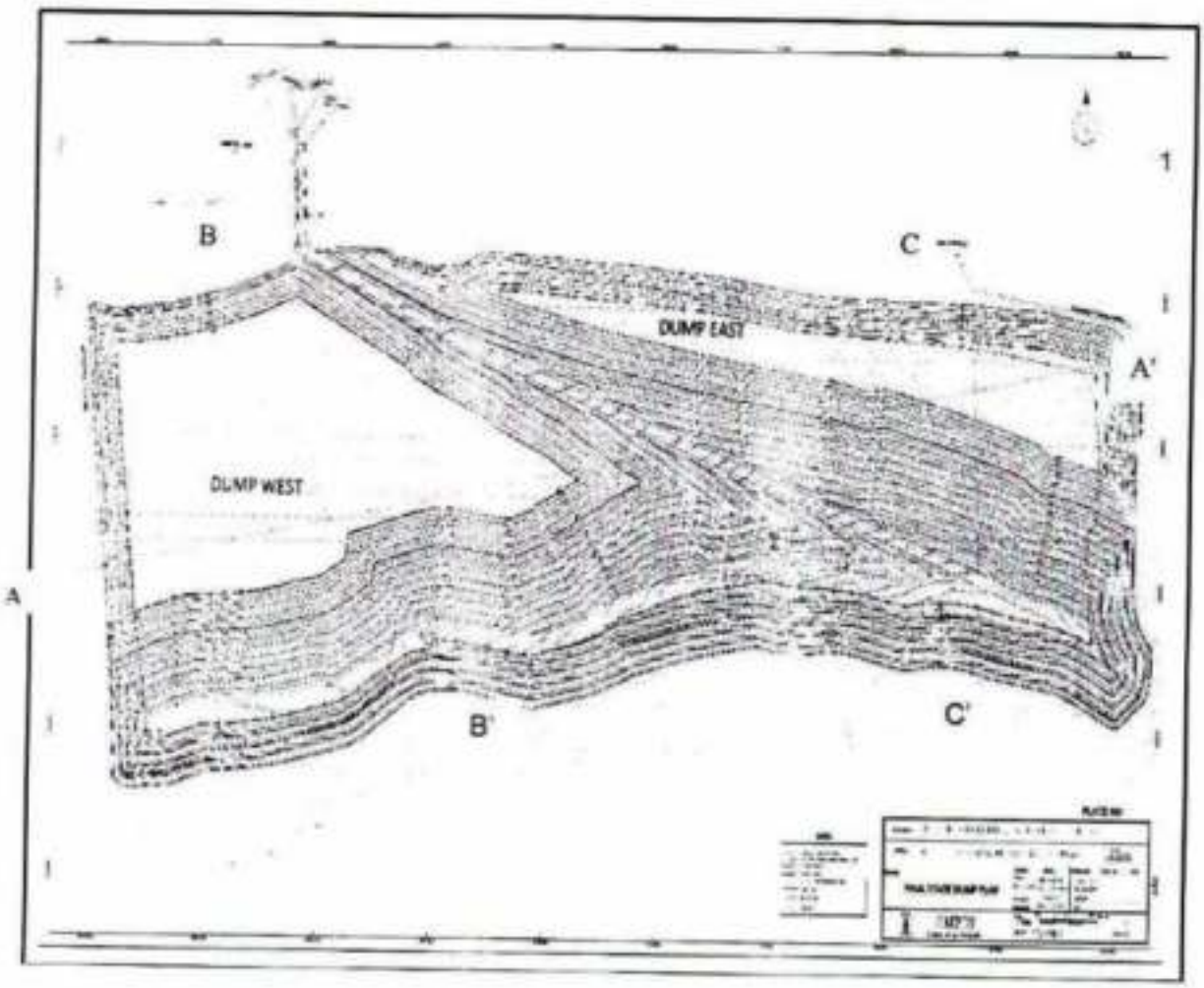
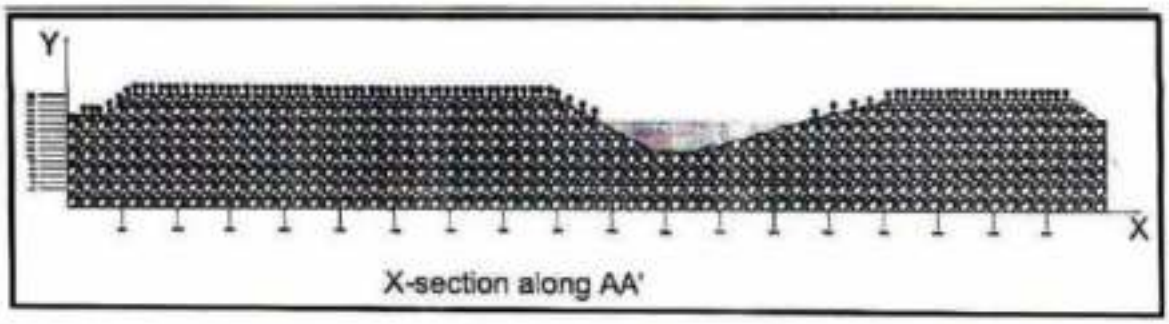
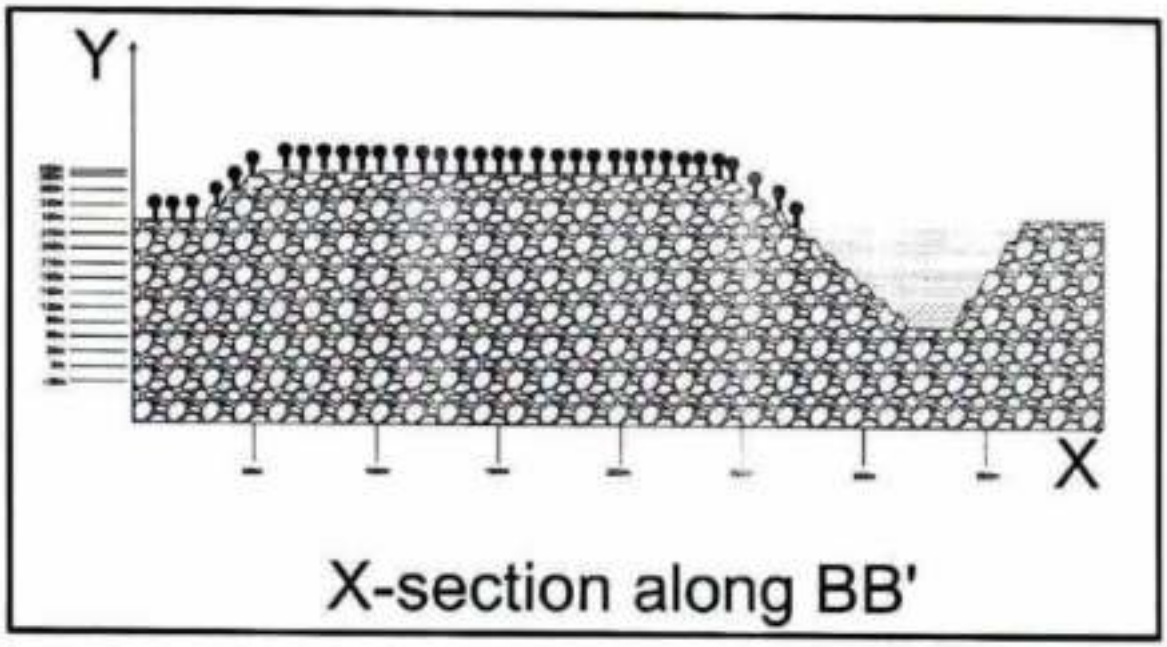


Figure: 18.5 Final stage Reclamation Plan





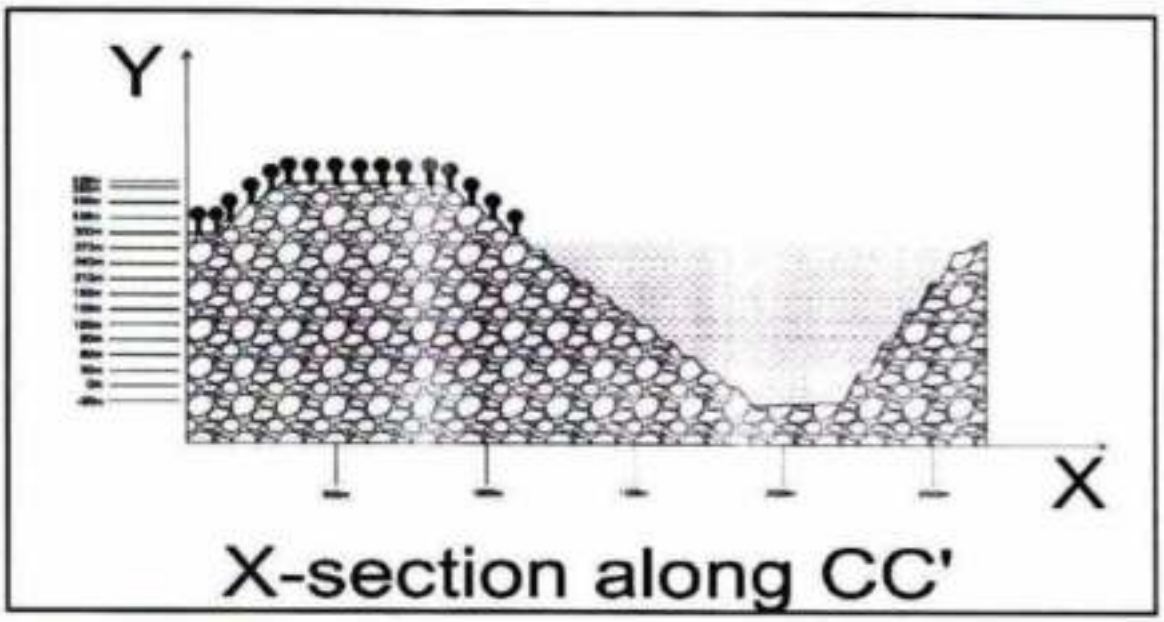


Figure: 18.6 X-Sectional View of Final Stage Reclamation Plan

c) Top soil / soil amendment application

The stock piling of top soil will be as follows:

i) Top soil and other materials removed shall be stock-piled only when it is impractical to promptly redistribute such materials on regarded areas.

ii) Stock-piled materials shall be selectively placed on a stable area, not disturbed, and protected from wind and water erosion, unnecessary compaction, and contaminants which lessen the capability of the materials to support vegetation when redistributed.

iii) After the final grading the topsoil would be redistributed in a manner that achieves an approximate uniform stable thickness consistent with the post mining land uses, contours, and surface water drainage system.

d) Plantation on external & backfilled area, avenue and block plantation with type of plantation i.e. local/native species. Name the local species for plantation.

Green belt on dumps:-

After technical reclamation of internal OB dumps and redistribution of top soil over it, the dumps will be biologically reclaimed followed by plantation as details given in table 18.8 above. About 3219625 nos. of plants would be planted over a part of internal dump (i.e. 1347.50.00Ha.) and plantation will be done during the mine life.

Green Belt around Mine: -

In the directions where natural forest does not exist, there is need for creating green belt of adequate width as an effective dust and sight curtain in the periphery of mining area. The trees planted in the green belt area shall act as buffers and shock absorber against dusts, noise and stone flying. The trees in the green belt will be tall, wind firm, broad leaved and evergreen. Plantation of 1428253 Nos, would be done in 571.301 Ha of safety zone around the mine.

CHAPTER-VIIB

DUMPING STRATEGY

7.5 Dump Management

Total volume of OB has been estimated as 2166.61 (including 60.66 m^3 inseam band) (as on 01.04.2014).

The proposed sequence of mining is ideally suited for achieving the objective of placing maximum possible waste in the internal dumps. By adopting the proposed sequence of mining, as the quarry advances, the amount of external dump will be negligible and that of internal dump will increase as more space for the economic dumping is created.

Presently, internal backfilling is being done in the quarry and considerable volume of OB is also being dumped in the external dump. The total quantity of OB dumped till 01/04/2014 internally and externally is 220.97Mm^3 and 219.56Mm^3 (including External dump of Laxman OC) respectively. It is proposed in this PR that the total volume of OB will be internally backfilled in the decoaled void.

The proposed Internal dump, due to the position of haul road, has been divided into two parts i.e. Eastern dump and Western dump. A plan showing location and capacity of dumps has been given in Plate No. XXXII.

Additional Volume of OB to be dumped in different dumps is as follows.

Dump	Total Volume of OB (Mcum) to be accommodated in different dumps
A. External	Nil
B. Internal	
Eastern Dump	1060.40
Western Dump	1106.21
Total	2166.61
Grand Total (A+B)	2166.61

It is estimated that maximum RL of the surface is 328m. The maximum height of the proposed internal dumps has been designed up to 90m above the ground level. Hence internal dump is proposed to be dumped upto 400m RL.

The breakup of OB quantity to be accommodated in various dumps is as follows:-

Sl. No.	Particulars of working	Upto 5th Yr	Upto 10th Yr	Upto 15th Yr.	Upto Final Yr.
1	Coal mined (Mt)	212.00	557.00	907.00	1337.68
2	OB in(Mcum)	374.00	972.00	1582.00	2105.95
3	Inseam Band(Mcum)	10.09	26.05	41.96	60.66
4	Total Dump(OB+Inseam Band) (Mcum)	384.09	998.05	1623.96	2166.61
5	Stripping ratio (Mcum/t)	1.81	1.79	1.79	1.62
6	Excavated Quarry area (Ha)	1617.54	2159.18	2563.01	2635.36
7	External dump (Mcum)(EXISTING)	219.56	219.56	219.56	219.56
8	External dump (Mcum)(PROPOSED)	0.00	0.00	0.00	0.00
9	Internal dump (Mcum)EXISTING	220.97	220.97	220.97	220.97
10	Internal dump (Mcum)PROPOSED	384.09	998.05	1623.96	2166.61
11	**Total Internal Dump (Mcum) Excluding Existing**	**384.09**	**998.05**	**1623.96**	**2166.61**
12	**Total Internal Dump (Mcum) Including Existing**	**605.06**	**1219.02**	**1844.93**	**2387.58**

Initially the top soil will be removed and stored separately at the dip side of the quarry. Later on the top soil dumped on the dip side and the existing top soil will be directly spread and or stored over the levelled graded external dump when the dump reaches its maximum RL. Dumper/Tipper will transport soil/alluvium OB from the top OB bench and will dump the soil directly on the levelled OB.

OB dumps will be properly benched and the maximum height of the bench will be kept not more than 30m. Dump benches will have a mild gradient of 0.6% to facilitate the drainage.

Wherever possible, simultaneous land reclamation will be done along with the OB dumping. Once, the internal dumping start reaching its maximum R.L, the spoil will be graded and landscaped in harmony with surrounding topography and biological reclamation carried out in stages.

150m wide final void at the end of the mining operations will be left in the mine so that future expansion of the project will be planned accordingly. The total final void left at the end of the mining operations at surface RL (including the space for the main haul road and conveyor layout) will be 1347.50Ha.

7.6 DUMPING ARRANGEMENTS

The following design criteria have been considered for waste dumps.

I. OB in internal dumps will be stacked in 30 m high benches.

II. Berm width of 30 m has been provided for transport etc.

III. Dump slope for each bench to be at natural repose (37^0).

IV. Dozers to be deployed for shaping the dumps overall slope to 25^0.

V. Final reclamation will be achieved using the equipment provided for the purpose.

7.7 SLOPE STABILITY OF OB DUMP

As the maximum depth of the proposed quarry is going to be about 340m and property is encountered with various faults, it is envisaged to undertake scientific study for stability of dumping. Adequate precautions should be taken while working near fault planes.

As the maximum dump height above the surface level is 90m it is also envisaged to undertake scientific study for the stability of internal dumps. Financial provisions for the same have been made accordingly.

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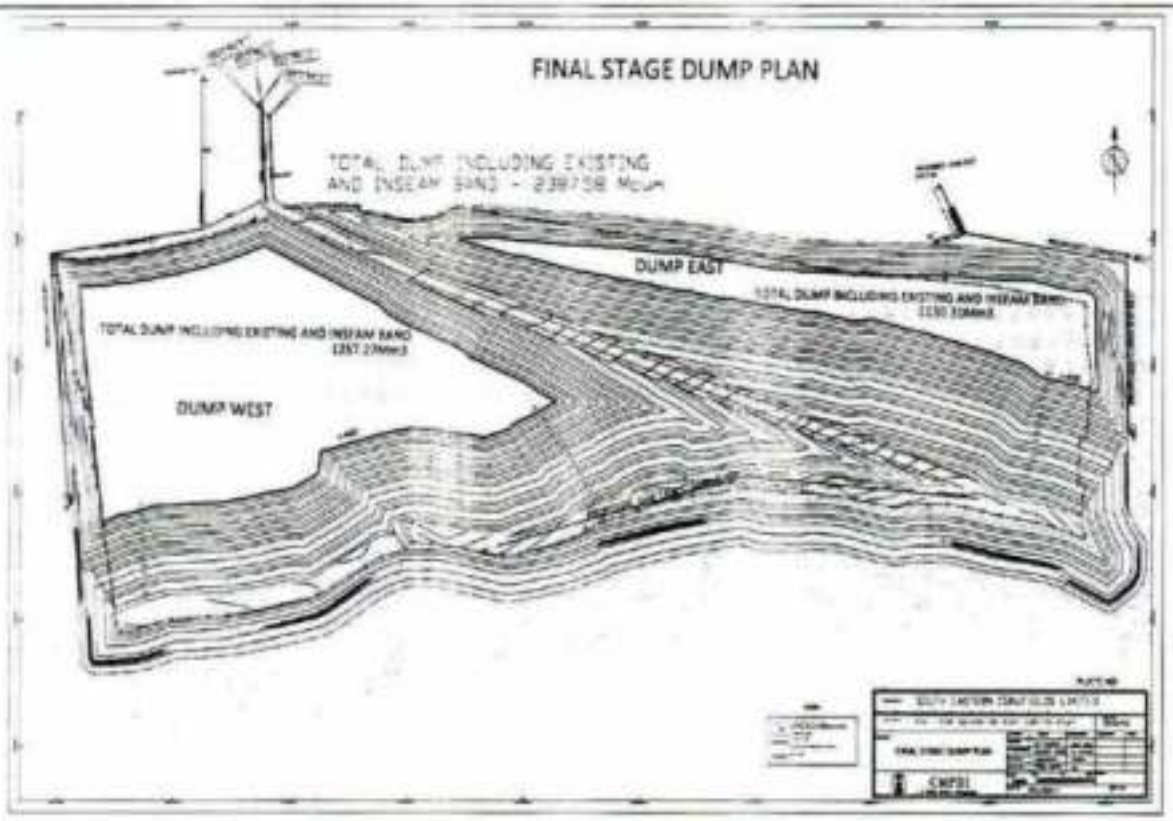
FINAL STAGE DUMP PLAN
DUMP EAST
DUMP WEST
CMPDI

CHAPTER-VIIC

TOP SOIL MANAGEMENT

7.7 Introduction

The topsoil at proposed Gevra OC Expansion (35.0-70.0Mty) comprises of rich humus with minerals and nutrients. Proper handling and management is necessary for future vegetation growth in the mine reclaimed area. The thickness of the top soil varies between 25 cm to 35 cm.

7.8 Objectives of the Soil Stripping management plan

The objectives of Top Soil Management are to:

- Maintain a topsoil balance that achieves rehabilitation objectives during the life of Mine.
- Ensure effective topsoil removal techniques are employed to maximise volumes of suitable topsoil removed and minimise wastage.
- Maintain topsoil viability during stripping, spreading, and stockpiling, through best practice technique and effective stockpile design and treatment .

In accordance with the objective of providing sufficient stable soil material for rehabilitation and to optimise soil recovery, the following strategies will be adopted during the mining operation at Mahan opencast mines.

7.9 Stripping

Prior to the commencement of stripping, areas will be cleared of vegetation. Soil stripping will be undertaken by dozers and hydraulic backhoe excavators to maximise the preservation of the quality of the soil. The HEMM operators and supervisors should be trained and made aware for the same. This will ensure that all suitable topdressing material resources are salvaged and that the quality of the stripped top dressing material is not reduced through contamination with unsuitable soils. Care will be taken during stripping, stockpiling, and re-spreading to ensure that structural degradation of the soil is avoided and that excessive compaction does not occur during stockpiling.

7.10 Stock piling

- Where possible, topdressing material will be re-spread directly from stripped areas onto areas being rehabilitated. Where this is not possible, topdressing material will be stored in stockpiles.

- Stock piles will be dumped at places where they would not be disturbed by future mining. Sediment fences or other barriers can be used where necessary to retain sediment.
- The overall topography for the graded surface should be designed to minimize the uncontrolled flow of runoff.
- Dispersed sheet flow should be broken up by terraces or benches along the slope that also follow topographic contours.
- On a fine scale the ground surface can be roughened by the tracks of a bulldozer perpendicular to the slope. Construction of stockpiles with a "rough" surface condition will reduce erosion hazard, improve drainage and promote revegetation.

7.11 Stockpile preservation

Stockpiling topsoil may result in disruption & loss of beneficial soil microorganisms and nutritional values, hence needs the following amendments during preservation:-

1) Re-vegetation of the stockpile will be done as scheduled below to protect the soil from erosion, discourage weeds and maintain active populations of beneficial soil microbes.

- Temporary Seeding- To protect topsoil stockpiles by temporarily seeding as soon as possible, within 30 days after the formation of the stockpile.
- Permanent Vegetation- If stockpiles will not be used within 12 months they will be stabilized with permanent vegetation to control erosion and weeds.Likely grass species for revegetating top soil stock piles are green panic, Japanese millet (spring sowing), Oats (winter sowing), Dryland Lucerne,Seaton park sub-clover.

Topsoil can be mixed with organic material or manufactured soil amendments to improve the growing capability.

2) To the extent practicable, above ground vegetation, including tree litter should be mixed or otherwise incorporated into the topsoil.

3) Soil amendments: Soil amendments should be applied before seeding or planting.Common soil amendments used are biosolids, compost, manure, lime and coal combustion byproducts.

Prior to the placement, the top 0.30 cm of stockpile material should be mixed with the remainder of stockpile to ensure that living organisms are distributed throughout the topsoil material at the time of final placement. In case, the material has been stockpiled for over nine month period, use of microorganisms inoculates may be necessary to re-establish microorganisms in the topsoil material. The quantity should be 200 ml for one Heactare area in case of Azatobactor and Rhizobium.

7.12 Site Preparation

- Before spreading topsoil, establish erosion and sedimentation control structures such as diversions, berms, dikes, waterways and sediment basins.
- Adjust grades and elevations for receipt of topsoil.
- Roughening - Immediately prior to spreading the topsoil, loosen the subgrade to ensure bonding of the topsoil and subsoil.
- Soil horizons will be replaced in the same order that they were removed.
- Top soil will be uniformly distributed to pre-mining thickness. Topsoil will not be spread while it is frozen or muddy .
- The topsoil will be compacted to ensure good contact with the underlying soil, but excessive compaction will be avoided, as it increases runoff and inhibits seed germination. Light compaction with roller will be done where turf is to be established.

On slopes and areas that will not be mowed, the surface will be left rough after spreading topsoil.

7.13 Monitoring

Specific team / manpower is to be deployed for this most important step of topsoil management. The team will monitor the area and quantum of top soil management with the authorities of mine on quarterly basis and regularly monitor the given points of significant importance:

- Monitoring Erosion Control: This step is necessary during stock piling as well as reclamation stage of topsoil management. Take corrective measure in areas showing evidence of erosion, sedimentation or slope failure. This is a serious problem, because erosion causes fertile farmland to lose nutrients and water retention ability.

- Regular monitoring of top soil management should be done until vegetation is demonstrated to be successfully established.
- Reseeding: Take appropriate measures to address evidence of invasive species or poorly established vegetation. Reseeding should be done, if germination is not uniform or poor.

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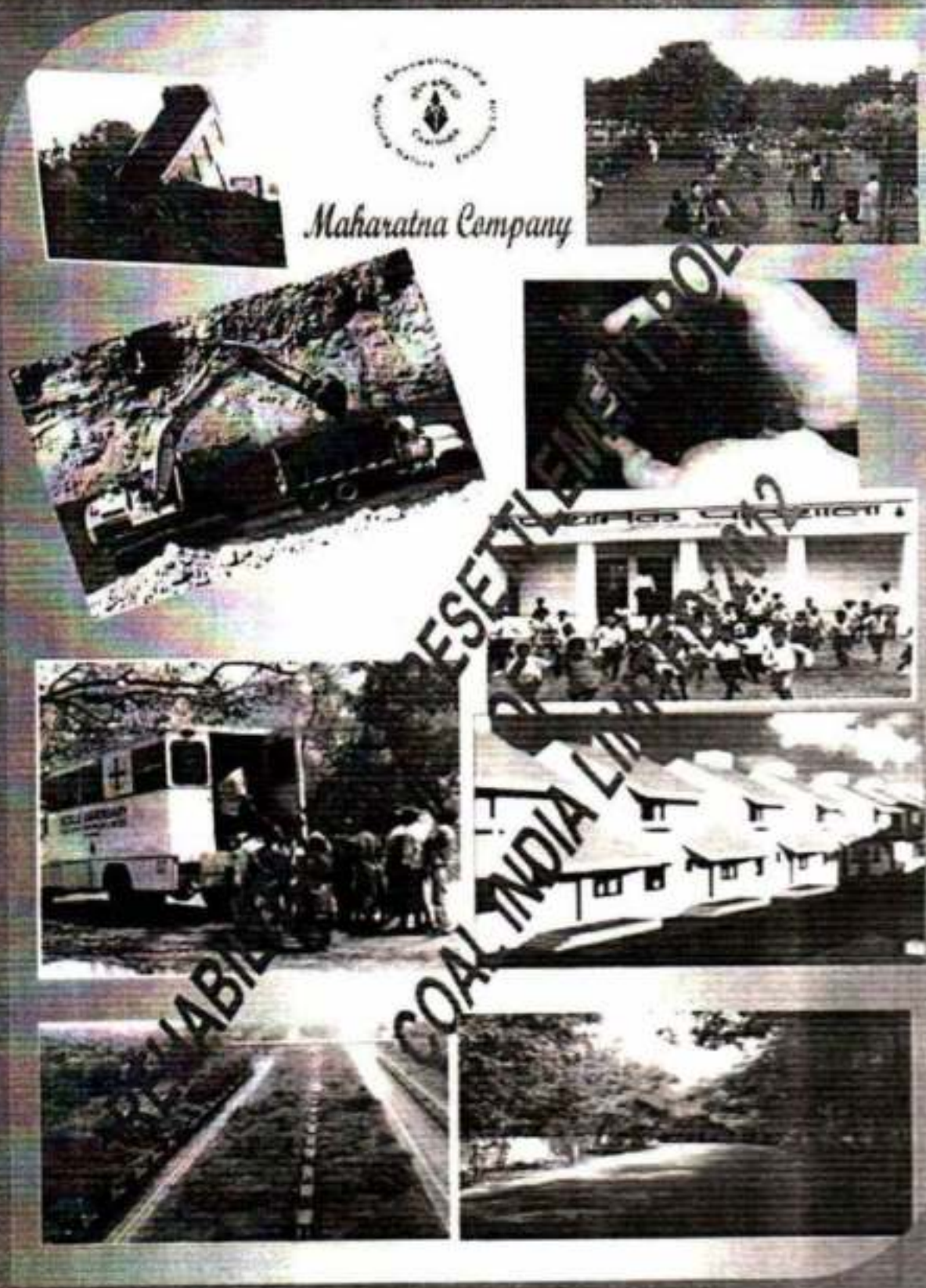
चेक लिस्ट – 24

माईनिंग प्लान IBM नागपुर द्वारा अनुमोदित (केवल खनन प्रकरण में)


WEST SECTION
CENTRE SECTION
EAST SECTION
FARGAST SECTION
PIT DUMPING
PIT DUMPING
PIT DUMPING
PIT DUMPING
PIT DUMPING
PIT DUMPING
FARGAST
SCALE 1:1000

चेक लिस्ट – 25

व्यवस्थापन प्लान


Maharatna Company
RESETTLEMENT
COAL INDIA LIMITED

श्रीप्रकाश जायसवाल
SRIPRAKASH JAISWAL

कोयला मंत्री
MINISTER OF COAL
GOVERNMENT OF INDIA
SHASTRI BHAVAN, NEW DELHI - 110001

25th March, 2012

MESSAGE

Land acquisition has been identified as a major bottleneck coming in the way of Coal India's plans for augmenting coal production. I am of the firm view that Coal India has to have a generous relief and rehabilitation policy which can earn the confidence and goodwill of the project affected people to enable it to meet its ambitious production targets.

I have been deeply concerned about the issue and therefore constituted a Committee at Government level to take the process forward quickly. I am glad that the Committee could meet under the Chairmanship of Shri Alok Perti, Secretary (Coal) and Smt. Zohra Chatterji, Additional Secretary & CMD, Coal India Ltd. and decided the broad principles of the policy.

I congratulate the Board of Coal India for approving a progressive Rehabilitation & Resettlement Policy 2012 and look forward to its successful implementation.

(SRIPRAKASH JAISWAL)

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भारत सरकार
कोयला मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF COAL
शास्त्री भवन/ SHASTRI BHAWAN

MESSAGE

I am very happy to learn that Coal India Ltd. has revised its Rehabilitation & Resettlement Policy and come up with a liberal policy which enables the land loser to choose between various options and adopt the package which best suits his needs. The focus on development of community facilities and skill development is also a positive feature.

The Ministry has held several meetings on the subject in view of the criticality of getting more land quickly for enhancing coal production. I am glad that the Policy has now been finalized and approved by the Coal India Board. I look forward to seeing much better progress in Coal India's efforts to acquire land as a result of this policy and wish them every success.

26/3

(Alok Perti)

New Delhi
26th March, 2012

जोहरा चटर्जी
Zohra Chatterji, IAS
Additional Secretary to GoI
Ministry of Coal
&
Chairman-cum-Managing Director

कोल इण्डिया लिमिटेड
COAL INDIA LIMITED
(A Maharatna Company)
(A Govt. of India Enterprise)
"COAL BHAWAN"
10, NETAJI SUBHAS ROAD,
KOLKATA - 700 001

MESSAGE

I feel privileged to present the Rehabilitation and Resettlement Policy 2012 of Coal India Limited which has been approved by the Board of Directors in its 279th Meeting held on 12th March, 2012.

I could well appreciate the urgent need to liberalize the policy and after chairing a meeting of the Committee constituted for the purpose by the Ministry of Coal, I seized upon the opportunity to fast track it when I was given additional charge of CMD, Coal India on 1st February, 2012.

I must appreciate the painstaking efforts of Director (P&IR), Shri R. Mohan Das and his team including Shri Bhagwan Pandey, General Manager (MP&IR) and Shri T.B. Raju, Chief Manager (IR) for drafting and redrafting the policy after extensive deliberations at the level of the Functional Directors and the CMDs of subsidiary companies and the Board of Coal India.

I am hopeful that the R&R Policy 2012 which incorporates the collective wisdom of all levels from the Ministry to the field and provides sufficient flexibility to the subsidiary companies will prove to be a well conceived one which will facilitate land acquisition by Coal India in the years to come.

(Zohra Chatterji)

Kolkata
26th March, 2012

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Website : www.coalindia.in

आर मोहन दास
निदेशक (कार्मिक एवं औ.सं.)
R Mohan Das
Director (Personnel & IR)

कोल इण्डिया लिमिटेड
COAL INDIA LIMITED
(A MAHARATNA COMPANY)
A Govt. of India Enterprise
"COAL BHAWAN"
10, NETAJI SUBHAS ROAD
KOLKATA -700 001

MESSAGE

I feel proud to place the liberalized new redrafted " R&R policy of Coal India-2012" before the 279th meeting of the Board of Directors of Coal India Limited held on 12th and 13th March 2012 at New Delhi and got approval of the Board.

Though there was an existing R&R policy of CIL-2008, but there was an urgent need of redrafting the new policy in view of changing aspirations of the project affected persons in the competitive market and to redress the unique problems of the subsidiary companies of Coal India Limited for fast acquiring of land .

I would like to extend my personal congratulations to the tireless effort of Sri Bhagwan Pandey, General Manager (MP&IR), CIL and Sri T.B.Raju, Chief Manager (MP&IR), CIL and their team for their fast and prompt action in drafting the modification of the existing policy keeping in view the aspirations of the people and the difficulties encountered by the subsidiaries in acquiring land. They are of great value to the company.

I am very much hopeful that after implementation of this new policy of Coal India Limited , the subsidiary companies will feel relaxed with greater flexibility in redressing the R&R issues and this will help in faster acquisition of land at all level.

(R Mohan Das)
Director (P&IR)

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CONTENTS

REHABILITATION AND RESETTLEMENT POLICY OF COAL INDIA LTD 2012.

Preamble

The location and quality of coal reserves, and their distance from major consumers determines to a great extent the selection of mine sites. For reserves that are close to the surface, opencast mining has proven to be the most efficient mining method. Opencast mines require relatively large areas of land. Population growth, particularly in India's eastern region, has made it increasingly difficult for the subsidiary coal companies to acquire the land they need for expanding their operations under the present Resettlement and Rehabilitation policy,2008 of Coal India.

The resettlement and rehabilitation policies followed by the subsidiary companies have evolved over time and undergone numerous changes in response to changing circumstances. As and when the Central or State Governments enact amendments to the Land Acquisition Act, issue new guidelines for resettlement and rehabilitation, as per its requirement Coal India reviews and modifies its resettlement and rehabilitation policy taking into account the changing conditions in coal producing areas.

In addition to compensation for land coal companies provide Rehabilitation and Resettlement (R&R) package for project affected persons to compensate for loss of livelihood. Apart from compensation for house site, house, trees, cow shed, cost of shifting etc., employment is also provided to land oustees. In addition to this, efforts are made to rehabilitate them by construction of houses, building roads, streets, schools, providing water etc. wherever feasible . However, demand for both more land compensation and better R&R package has been raised by project affected persons and has been highlighted in various Parliamentary Committees. Coal Companies often have to face representations and agitations by these land oustees who obstruct the smooth working of existing mines and come in the way of expansion of new projects.

In the past, subsidiaries found it relatively easy to acquire land, if they were able to offer employment. Partly because of this practice, subsidiaries have built up a largely unskilled labour force beyond their needs. This has contributed to the heavy losses and many mines are incurring and has also affected their efficiency and viability. The subsidiaries may still need to hire people in selected locations and continue to give preference to those whose livelihood will be affected by coal mining operations. However, increasingly subsidiaries will need to develop other ways and means to compensate land owners and others adversely affected by their projects and give them the option to choose which method of compensation best suits their needs. Greater emphasis will also need to be given to community requirements like schools, hospitals etc. Only proper resettlement and rehabilitation will elicit the required cooperation of project affected people, and make it possible for Coal India to acquire the land it needs to fulfill the ever increasing demand of coal for the economic development of the Country.

The purpose of the Resettlement and Rehabilitation Policy 2012 is to revise and provide greater flexibility to the basic principles for the resettlement and rehabilitation of people affected by coal mining projects i.e. Project Affect People (PAPs). It attempts to consolidate the different resettlement and rehabilitation practices that are being followed by subsidiaries as per the different State land Acquisition Acts and various decisions of the Coal India Board and to modify the Policy of 2008 so as to give the Board of the subsidiary Companies greater flexibility to deal more effectively with resettlement and rehabilitation issues and determine the rehabilitation packages best suited to local needs in line with this policy. The provisions of the National Rehabilitation and Resettlement Policy, 2007 and the Land Acquisition, Rehabilitation & Resettlement Bill, 2011 have also been kept in mind while framing the policy.

While Coal India's basic philosophy for compensating land-losers and other project-affected people remains substantially unchanged, the revised policy emphasizes the need to cultivate and maintain good relationships with the people affected by Coal India's projects starting as early as possible; it also underscores that the subsidiaries have a responsibility towards the land oustees whose livelihood is often taken away. On the other hand, subsidiaries need to protect themselves more effectively against unjustified claims, redundant manpower and swelling Wage Bills. To this end, the statement proposes that subsidiaries prepare detailed resettlement and rehabilitation action plans (RAPs) that clearly identify, at an early stage, the entitlements of the people affected by coal projects and enables them to exercise a choice between various options. The concept of Annuity in lieu of compensation/employment is also being introduced to mitigate, if not eliminate the ever dependence of Project Affected Families (PAFs) on CIL for provision of employment.

(1) The revised Resettlement & Rehabilitation Policy, 2012 is based on the deliberations of the inter Ministerial Committee set up vide O.M. 490191/2011-PRIW-I dated 01-07-2011 of Ministry of Coal, deliberations of the CMDs meet held on 05/03/2012 at New Delhi and has been approved by the CIL Board in its 279th meeting held on 12th and 13th March, 2012.

(2) Objectives and general principles of Coal India's Resettlement and Rehabilitation Policy- 2012

A. To re-visit CIL's existing R&R policy 2008 and evolve a PAP friendly policy by incorporating such provisions of the National Policy and The Draft Land Acquisition, Rehabilitation and Resettlement Bill-2011 as considered suitable in light of the growing difficulties many subsidiaries face in land acquisition.

B. To accord the highest priority for avoiding or minimizing disturbance of the local population while taking decisions to open new mines or expand existing ones too (exploring alternative sites and project designs) and to ensure that wherever people are likely to be adversely affected by a project, the subsidiaries will prepare resettlement and rehabilitation action plans for the project.

C. To ensure a humane, participatory, informed consultative and transparent process for land acquisition for coal mining and allied activities, with the least disturbance to the owners of the land and other affected families.

D. To provide just and fair compensation to the affected families whose land has been acquired or proposed to be acquired or are affected by such acquisition and make

adequate provisions for loss of livelihood of such affected persons including their rehabilitation and resettlement.

E. To ensure that the cumulative outcome of compulsory acquisition should be that the affected persons become partners in development leading to an improvement in their post acquisition social and economic status and matters connected therewith or incidental thereto.

F. Through the preparation of resettlement and rehabilitation action plans, subsidiaries will safeguard that project-affected people improve or at least regain their former standard of living and earning capacity after a reasonable transition period. The transition period is to be kept to a minimum. However, the involvement of subsidiaries in resettlement and rehabilitation activities may continue until all the actions specified in the rehabilitation plan have been completed.

G. Involuntary resettlement is conceived and executed as a development programme with project-affected people being provided sufficient resources and opportunities to share in a project's benefits. The efforts of subsidiaries are complementary to the Government's schemes in rural development and the concurrence, approvals and support from concerned Government authorities will be sought.

H. In parallel, subsidiaries will work closely with non-governmental organizations of proven repute which are legally constituted and recognized and also have the confidence of the project-affected people, in the preparation and implementation of rehabilitation plans.

I. Corporate Social Responsibility (CSR) : Activities shall be intensified in and around the villages where land is being acquired in accordance with the CSR Policy of Coal India.

J. Actual implementation of R&R package must follow a detailed survey of the project-affected villages to formulate the list of persons/families affected by the project, nature of the affect, the likely loss of income, etc. For this purpose, if necessary, the services of a reputed NGO with an impressive record of integrity and performance may be engaged.

3. SCOPE:

This Policy may be called "Rehabilitation and Resettlement Policy of Coal India Limited-2012". It extends to the Coal India Limited and its subsidiary companies in India. It shall come into force from the date of its approval by the CIL Board and is applicable to all cases in which land is taken after the date of approval by the CIL Board. While implementing the policy it is to be ensured that the provisions of the concerned Acts applicable and Rules mentioned there under shall not be violated .

4. Definitions

***(a)* "affected family" means:**

(i) a family whose primary place of residence or other property or source of livelihood is adversely affected by the acquisition of land (including direct negotiation) for a project or involuntary displacement for any other reason; or

(ii) any tenure holder, tenant, lessee or owner of other property, who on account of acquisition of land (including plot in the *abadi* or other property) in the affected area or other wise, has been involuntarily displaced from such land or other property; or

(iii) any agricultural or non-agricultural labourer, landless person (not having homestead land, agricultural land, or either homestead or agricultural land), rural artisan, small trader or self-employed person, who has been residing or engaged in any trade, business, occupation or vocation continuously for a period of not less than three years preceding the date of declaration of the affected area, and who has been deprived of earning his livelihood or alienated wholly or substantially from the main source of his trade, business, occupation or vocation because of the acquisition of land in the affected area or being involuntarily displaced for any other reason

(b) "***family***" includes a person, his/her spouse, son including minor sons, dependant daughters, minor brothers, unmarried sisters, father, mother residing with him or her and dependent on him/her for their livelihood, and includes "***nuclear family***" consisting of a person, his/her spouse and minor children. Provided that where there are no male dependants, the benefit due to a land loser may devolve on dependent daughter nominated by the land loser.

(c) "<u>land owner</u>" includes any person—

(i) whose name is recorded as the owner of the land or part thereof, in the records of the concerned authority; or

(ii) who is entitled to be granted Patta rights on the land under any law of the State including assigned lands; or

(iii) who has been declared as such by an order of the court or District Collector.

(d) Displaced person - means and includes any person who is deprived of his homestead on account of acquisition. Provided that the person/family who does not ordinarily reside in the homestead land acquired for the project can be termed "Displaced" but he will be eligible for compensation only for homestead and not for livelihood.

(e) Ordinarily resides" shall mean residing in the homestead / acquired land for a period more than 6 months every year for at least the preceding 5 years.

5. Socio-economic Survey and preparation of RAP.

A baseline socioeconomic survey will be carried out to identify the PAPs who are enlisted to receive benefits in line with Coal India's Resettlement and Rehabilitation Policy. This survey will be conducted within two months of notification under the relevant land acquisition Acts by the subsidiaries with the help of reputed independent institutional agencies, who are well versed with the social matrix of the area.

The basic objective of the socio-economic study will be to generate baseline data on the social and economic status of the population who are likely to lose their means of livelihood or homestead due to the acquisition of the land for the project. The data base will be used to formulate a viable and practical Rehabilitation Action Plan (RAP) for the affected persons in line with their entitlements. Digital Satellite Maps would also be prepared of the project Area freezing the dwelling units and habitations existing at the time of negotiation for Land Acquisition wherever feasible .The RAP will also address the following-

(A) Implementation, Monitoring and Evaluation, Dispute Mechanism

The rehabilitation action plan will address the following:

i) The project design, including an analysis of alternative designs aimed at avoiding or minimizing resettlement;
ii) Socio-economic survey and activities to ensure restoration of incomes of PAPs in line with Coal India's Resettlement and Rehabilitation Policy;
iii) Description of the institutional and other mechanisms for provision of entitlements;
iv) Time table for the acquisition and preparation of the resettlement site(s);
v) The cost and budgets for the resettlement and rehabilitation of PAFs;
vi) Project-specific arrangements to deal with grievances of PAFs; and
vii) Time tables, benchmarks and arrangements for monitoring the resettlement and rehabilitation effort.

The RAP will be formulated in consultation with PAPs and State government.

(B). Environment Impact Assessment (EIA) will be conducted as per any law, rule and regulation of the locality in which the land has been acquired.

6. Eligibility Criteria -

(A) Eligibility Criteria for Economic Rehabilitation Benefits

This benefit shall accrue only to Entitled Project Affected Person. Entitled Project Affected Person shall be one from the following categories.

(i) Persons from whom land is acquired including tribals cultivating land under traditional rights.
(ii) Persons whose homestead is acquired.
(iii) ,Sharecroppers, land lessees , tenants & day labourers.
(iv) Tribal dependent on forest produce as certified by the District Forest Officer/Revenue Authorities.

(B) Eligibility Criteria for Resettlement Benefits

1 . Only a 'Displaced' family / person shall be eligible for resettlement benefits.

2. A family/person shall be termed 'displaced' and hence eligible for resettlement benefits if such family/person has been a permanent resident and ordinarily residing in the project area on the date of publication of notification U/S 9 of CBA(A&D) 1957 / U/S 11 of LA Act, 1894/ Or both/ on the date of the land vested with the State/ Central government as the case may be.

and

(a) on account of acquisition of his/her homestead land / structure is displaced from such areas

or

(b) He/she is a homesteadless or landless family/person who has been/is required to be displaced.

7 .**Census & Identification of displaced families**:

1. Within two months of publication of notice U/S 4(1) of the Land Acquisition Act or U/S 7(1) of CBA (A.D) Act 1957 for acquisition of land for the project a census would be undertaken in the manner to be decided by the Collector / project authority for identification of displaced families and for preparing their socio-economic profile and list of eligible persons for the purpose of receiving Rehabilitation & Resettlement Benefits.

2. A photo identity card to each Entitled Project Affected Person shall be issued under the signature of the Collector / project authority concerned indicating the following particulars:

(a) Name of the village/GP/PS :
(b) Name, Father's name and address of the head of the family :
(c)Category of entitlement :
(d)Whether S.C./S.T./O.B.C./General :
(e)Age,Sex,educational qualification of the members of the family :

8. **Types of Compensation and Rehabilitation Entitlement**

Option to the land losers regarding Rehabilitation & Resettlement Benefit - The land losers shall have the option for Rehabilitation and Resettlement benefits in accordance with the awards for each affected family in terms of the entitlements passed by the Concerned Collector of the State or as per this Policy with the consent of the concerned Collector.

8.1 Eligibility and Compensation

The table below shows the compensation and rehabilitation benefits will be offered by the subsidiaries for each Project Affected Person or family, affected by one of their projects. Evidence to the effect that a person is a legitimate PAP will need to be provided in the form of a written legal document, or reference to a record, such as a revenue officer certificate, electoral roll, ration card or school record.

Category of Persons affected by the Project	***Compensation and Rehabilitation entitlement option***
	Provisions
(i) Persons (including tribals cultivating land under traditional rights) from whom land is acquired.	All land owners with titles will receive monetary compensation for the land acquired from them. The value of the land is determined on the basis of prevailing legal norms. *In respect of tribals cultivating land under traditional rights, authentication of land held under traditional rights by state authorities will be necessary.* In addition to above the following shall apply.

Category of Persons affected by the Project	*Compensation and Rehabilitation entitlement option*
	Provisions
	A). Land Compensation - Land compensation shall be paid as per the provisions of the concerned Act or State Govt. notification. Where no notification of the State Govt. is available the concerned subsidiary Board may decide on the rate of compensation keeping in view the compensation provided by the neighboring states. Authentication of land held under traditional rights by state authorities will be necessary. In addition to above Solatium will be paid as per provisions of the concerned Act / as imposed by the Concerned State Govt. Escalation of land compensation – Escalation will be paid as per provisions of the concerned Act / as imposed by the Concerned State Govt. or Escalation at the rate of 12% per anum for a maximum period of three years. **(B): Employment provision**: Apart from payment of the land compensation, employment may be given in the following manner – **1)** The maximum total number of employments that may by provided to the land losers would be limited to the total no. of acres of land acquired divided by two. However employments will be released in proportion to the land possessed **2)** For every two acres of land one employment can be considered; 3) Subsidiaries of CIL may give an option to the Land losers having less than two acres of land to club together their land to the extent of two acres and nominate one of the land losers among the groups or their dependent for employment under package deal or employment under Descending order system by preparing the list of eligible land oustees in the descending order of land lost subject to the cut off equivalent to the total number of permissible employments or any other method with the approval of the respective Board of the subsidiary. **4)** The land loser must be a domiciled resident/Mool Niwasi and the certificate to this effect shall be issued by the concerned State Authority **5)** The modalities for offering employment shall be such as may be approved by the Board of the Subsidiary companies as per the unique conditions of the subsidiary provided that - **a)** The initial employment shall be given with pay of Category-I pay scale of NCWA, with training period of 6 months. b) In the seniority list, the seniority of the appointee should be reflected in appropriate manner in order to keep the senior most as senior. **c)** The land loser trainees shall be posted as per requirement, including underground duties.

Category of Persons affected by the Project	*Compensation and Rehabilitation entitlement option*
	Provisions
	(C): Lumpsum Monetary Compensation – 1. All the land losers who are not eligible for employment as above shall be entitled to receive monetary compensation in lieu of employment at the rate of Rs.5.00.000/- (Five Lakhs) for each acre of land on pro-rata basis . 2. Land losers who are offered employment as per principle specified in point No (8.(i)B) above will have the option either to opt for employment or to forego employment and opt for monetary compensation at the rate of Rs.5,00,000/- (Five lakhs) for each acre of land on pro-rata basis with minimum of Rs. 50,000 (Fifty thousands) provided that the employment thus surrendered shall not be available for offer to any other person and will stand lapsed from the total sanctioned number of employments as specified in point No.(8.(i)B1). 3. The Land losers who have clubbed their land in Package Deal can claim employment for only one land loser of the clubbed two acres of land and remaining land losers of the package cannot claim either employment or lump sum monetary compensation in lieu of the land contributed by them. 4. Annuity – All land losers who are entitled to get lump sum monetary compensation may opt for payment of compensation amount in the form of annuity made payable to the land losers monthly, annually or at such intervals (not less than one year) as may be opted for by him. The annuity be paid for a maximum period extending to 60 years of age or the life of the project for which the land has been acquired, whichever is earlier. **Note:** *A person receiving a job forgoes all claims to above compensation and a person receiving above compensation forgoes all claims to employment.*
(ii) Person whose homestead is acquired	I. Compensation for homestead shall be paid as per the standard valuation method of the L.A Act. of the concerned State Govt. II. One time lump sum payment of Rs.3,00,000/- (three lakhs),shall be paid in lieu of alternate House site, Assistance in designing Shifting Allowance,compensation for construction of cattle shed , Monetary compensation for construction of work shed etc.The compensation shall be paid to displaced persons only after vacation and demolition of the homestead/ work shed etc. III. Subsistence allowance :Each affected displaced family will get subsistence allowance at the rate of 25 days (Minimum Agricultural Wage) per month for one year.

Category of Persons affected by the Project	*Compensation and Rehabilitation entitlement option*
	Provisions
(iii)Sharecroppers, land lessees, tenants and day labourers	The subsidiary will assist PAP to take-up non farm self employment through petty contracts or formation of cooperatives. If such co-operatives will not be entitled for awarding work as per Manual for lack of experience, the said co-operative will be facilitated by awarding small jobs to acquire experience after relaxation of the provisions of the Manual pertaining to experience with approval of the Subsidiary Boards. Subsequent jobs may be awarded after getting report of the timely completion / quality / of the awarded jobs from the concerned Department or contractors. Contractors will also be persuaded to give job to eligible PAPs on a preferential basis, where feasible as per terms of contract.
(iv)Landless tribals, Tribal dependent on forest produce	The subsidiary will assist PAP to establish non farm self employment through the provision of infrastructure, petty contracts or formation of cooperatives and encourage provisions of Jobs with contractors. Contractors will be persuaded to give jobs to eligible PAPs on preferential basis, where feasible. - In addition, the subsidiaries will shift the tribal community as a unit and provide facilities to meet the specific needs of the tribal community that will allow them to maintain their unique cultural identity. - Tribal affected family will be given one time financial assistance of 500 days of MAW for loss of customary right or usages of forest produce. Loss of customary rights needs to be authenticated by the district authority. - Tribal affected families resettled out of the district shall be given 25% higher rehabilitation and resettlement benefit.

9. Resettlement & Rehabilitation Committee - A Committee will be constituted at project Level under the chairmanship of the Collector to be called the Rehabilitation and Resettlement Committee with the following objectives to monitor and review the progress of implementation of the Rehabilitation and Resettlement scheme and to carry out post-implementation social audits in consultation with the village panchayat in rural areas and municipality in urban areas in the manner will be decided by the concerned State Govt.

I. To approve the list of land losers and other PAPs;
II. To approve the list of persons eligible to be offered employment as per R&R Policy;
III. To approve the detailed Rehabilitation Plan for the project in consultation with the displaced persons and Gram Sabhas;
IV. To expedite issue of domicile certificates and other necessary documentation required for State Authorities;
V. To monitor and review the progress of the Rehabilitation Scheme, grant of benefits and handing over of possession of land in a smooth manner;
VI. To facilitate the land acquisition process in any other manner as may be required including resolution of disputes;
VII. To carry out post implementation social audit in consultation with the authorities.

10. Community facilities - The subsidiary will provide at the resettlement site a school, road with street light, pucca drain, pond, dugwell and/or tubewell for drinking water supply, community center, place of worship, dispensary, grazing land for cattle and play ground. Similar infrastructural facility, if necessary, will be extended to the host locality. The community facilities and services would be available to all residents of the area, including PAPs and the host population.

The approach for operation of community facilities would be flexible and all efforts will be made to involve the State and local self Government / Panchayat for operating the facilities. To achieve this, subsidiaries will pursue with these agencies to ensure the same. The planning of the community facilities and their construction should be undertaken in consultation with the affected community.

11. Corporate Social Responsibilities - This should be as per Company's Corporate Social Responsibility (CSR) Policy.

12. Monitoring and Evaluation Mechanism.

The RAP will be monitored and evaluated periodically after the completion of the land acquisition process.

I. The resettlement and rehabilitation activities are the responsibility of a separate group, both at the projects and corporate level, which will be constituted for planning, implementation, monitoring and evaluation of the Rehabilitation Action Plan. At the corporate level the group will be headed by a senior manager, whereas at the project, an executive of the rank of manager will head the group. The project group should have at least one member with social science qualification / experience and skills.

II. The project group will closely interact with the state authorities during the implementation of the RAP. Although the subsidiaries will develop the plots and infrastructural facilities in the resettlement colony and actively implement the RAP, assistance of State authorities will be taken for administrative services such as allotment of land. Implementation will be planned, monitored and corrective measures will be incorporated in the RAP, if needed. In addition to the State Government, the PAPs, the village leaders including the Pradhans and NGOs will be consulted and associated with the implementation of the RAP.

III. The Resettlement and Rehabilitation Cell at the corporate level will evaluate the implementation of the RAP after its completion.

13. Flexibility to the Subsidiary Companies – The Subsidiary Companies Boards have been authorised to approve necessary modifications in the R&R Policy with reference to unique conditions prevailing at the concerned Subsidiaries as the policy is not exhaustive.

(The above list is only indicative and not exhaustive)

South Eastern Coalfields Limited

Status Report of Rehabilitation and Resettlement

Land & Revenue Dpt, Gevra Area (as on 30/09/2022)

SL	Villages involved	Number of land owners	Rehabilitation Status						Resettlement Status					
			Entitled number of employments	Not entitled for employment/Rehabilitation Benefits	Employment given till date	Cash compensation in lieu of employment	Total Employments	Balance employment to be given	PAFS Involved	Provided house plot at site	Cash Grant	Families not eligible for cash grant or house plot	Total Balance families to be Settled	Resettlement Sites
1A	Pondi	67	69	0	66	0	66	3	0	0	0	0	0	
2	Bareli	294	343	0	308	0	308	35	131	131	0	0	0	Nehrunagar
3	Dhurena	145	147	0	141	0	141	6	40	40	0	0	0	Vijaynagar
4	Junadih	326	348	0	315	0	315	33	149	149	0	0	0	Vijaynagar
5	Kusmunda	502	737	0	526	0	526	211	232	232	0	0	0	Vijaynagar
6	Binjhra	413	535	0	415	0	415	120	150	150	0	0	0	Vijaynagar
7	Ghatmunda	152	161	0	155	0	155	6	75	75	0	0	0	Ganganagar
8	Beltikri	137	148	0	132	0	132	16	0	0	0	0	0	
9	Dipka	121	137	0	114	0	114	23	0	0	0	0	0	
Sub total		***2157***	***2625***	***0***	***2172***	***0***	***2172***	***453***	***777***	***777***	***0***	***0***	***0***	
1B	Pondi	1419*	179	1249	133	14	147	32	467	0	406	61	0	
10	Amgaon	1231*	296	964	201	17	218	78	491	63	242	170	16	Nehru Nagar
11	Bahanpath	1040*	122	924	70	12	82	40	357	0	200	157	0	Not Required
12	Bhatora	502*	159	362	98	21	119	40	369	0	200	35	189	Ganganagar
13	Ralia	255	53	203	20	2	22	31	350	0	0	0	350	Birda
14	Bhilai Bazar	161	40	123	15	1	16	24	200	0	0	0	200	
15	Naraibodh	867	230	655	132	4	136	94	400	0	0	0	400	
Sub total		***5475***	***1079***	***4480***	***669***	***71***	***740***	***339***	***2634***	***63***	***1048***	***423***	***1155***	
Grand Total		**7632**	**3704**	**4480**	**2841**	**71**	**2912**	**792**	**3411**	**840**	**1048**	**423**	**1155**	

(1)For village Jhingatpur, only government land was acquired.

(2)For village Gevra & Mangaon, both villages were acquired by Gevra Area but employment wass dealt by Kusmunda Area.

(3)For village Beltikri & Dipka, both villages were acquired by Gevra Area but R&R was dealt by Dipka Area.

(4)One Employment is provided for every two acres of acquired tenancy land.

(5)The number of land holders in village Pondi, Amgaon, Bahanpath, Bhatora has increased/decreased due to different orders from state authorities.

Staff Officer (L&R)
Gevra Area

South Eastern Coalfields Limited

Status & Plan of Rehabilitation and Resettlement

Land & Revenue Department (as on 31/03/2020)

Sl.	Villages involved	Number of land owners	Rehabilitation Status						Resettlement Status					
			Entitled number of employments	Not entitled for employment/Rehabilitation Benefits	Employment given to date	Cash compensation in lieu of employment	Total Employments	Balance employment to be given	PAFs involved	Provided house plot/site	Cash Grant	Families not eligible for cash grant or house plot	Total Balance families to be Settled	Resettlement Sites
1A	Pondi	67	69	0	66	0	66	3	0	0	0	0	0	
2	Bareli	294	343	0	308	0	308	35	131	131	0	0	0	Nehrunagar
3	Dhurena	145	147	0	141	0	141	6	40	40	0	0	0	Vijaynagar
4	Junadih	326	348	0	315	0	315	33	149	149	0	0	0	Vijaynagar
5	Kusmunda	502	737	0	526	0	526	211	232	232	0	0	0	Vijaynagar
6	Binjhra	413	535	0	415	0	415	120	150	150	0	0	0	Vijaynagar
7	Ghatmunda	152	161	0	155	0	155	6	75	75	0	0	0	Ganganagar
8	Belbiri	137	148	0	132	0	132	16	0	0	0	0	0	
9	Dipka	121	137	0	114	0	114	23	0	0	0	0	0	
Sub total		***2157***	***2626***	***0***	***2172***	***0***	***2172***	***453***	***777***	***777***	***0***	***0***	***0***	
10	Pondi	1419*	179	1249	126	13	139	40	470	0	405	65	0	
10	Amgaon	1231*	296	964	191	12	203	93	491	58	236	171	26	Nehru Nagar
11	Baharpath	1040*	122	924	60	10	70	52	358	0	169	188	1	Not Required
12	Bhatora	502*	159	362	90	19	109	50	380	0	41	31	313	Ganganagar
13	Rata	255	56	203	17	0	17	39	150*	0	0	0	150	Chanda
14	Bhiar Bazar	161	40	123	11	0	11	29	400*	0	0	0	400	
15	Naraiboth	867	230	655	93	0	93	137	350*	0	0	0	350	
Sub total		***5475***	***1082***	***4480***	***588***	***54***	***642***	***440***	***2599***	***58***	***851***	***455***	***1240***	
Grand Total		**7632**	**3707**	**4480**	**2760**	**54**	**2814**	**893**	**3376**	**835**	**851**	**455**	**1240**	

(1) For village Jhingalpur, only government land was acquired

(2) For village Dipka & Mangaon, both villages were acquired by Gevra Area but employment was dealt by Kusmunda Area.

(3) For village Belbiri & Dipka, both villages were acquired by Gevra Area but R&R was dealt by Dipka Area.

(4) One employment is provided for every two acres of acquired tenancy land

(5) The number of land holders in village Pondi, Amgaon, Baharpath, Bhatora has increased/decreased due to different orders from state authorities

Sr. Officer (L&R)
Gevra Area

Assistant Manager (CD/R&R/L&R)
Gevra Area

Based on past experience in relation to resettlement of PAFs, it is observed that most of the families are inclined towards cash grant in lieu of house plots. Therefore, it is assumed that around 60% PAFs would opt for resettlement plots and remaining 40% PAFs would opt for cash grant in lieu of house plot.

The action plan for resettlement of balance 1240 families to each R&R site is as tabulated below:-

Village	PAFs Involved	Balance families to be Settled	Resettlement site	No. of vacant plots available at resettlement site	Timeline for resettlement of PAFs
Amgaon	491	27	Nehru Nagar	12	By October 2020
Bhathora	380	313	Ganga Nagar	144	By December 2020
Naraibodh	150	150	Utarda	677	By December 2021
Raliya	400	400			By December 2022
Bhilai Bazar	350	350			By December 2023
Total	**2062**	**1240**		**833 plots**	

Out of the 1240 PAFs it is most likely that 833 PAFs will opt for plots (option 1B) and the remaining 407 PAFs will opt for lump sum cash grant of Rs. 3 lakhs.

This is for your information and further necessary action.

Yours faithfully

16/04/2020

Staff Officer (L&R)
Gevra Area

Rehabilitation Plan. Gevra OCP

R&R are being done as per CIL R&R Policy and as per the decision taken by District Rehabilitation and Resettlement Committee (DRRC) headed by District Collector, Korba. Compensation of the land (@ Rs.6-8-10lakhs/acre for Banjar- Single crop, non-irrigated- Multi crop, irrigated land) are being done as per CG R&R Policy.

The provision of CIL R & R Policy 2012 clause 8.1 (ii), compensation and resettlement entitlement options for persons whose homesteads are acquired is as follows.

1A. One time lump sum payment of Rs.3,00,000/(three lakh), shall be paid in lieu of alternate House site. Assistance in designing Shifting Allowance compensation for construction of cattle shed. Monetary compensation for construction of work shed etc. The compensation shall be paid to displaced persons only after vacation and demolition of the homestead/ work shed etc.

or

1B. One plot in the resettlement colony measuring 15 meters x 16 meters for each PAF having facilities such as- Roads (WBM/Asphalt), Drains, Culverts, Infrastructure for electricity, Hand pump, deep bore wells with submersible pumps for water supply, Pond, School building, Anganwadi Centre, Play ground, Weekly market, Community Centre, Graveyard/ Cremation Ground, etc.

Resettlement Site	Available Plots (as on 01.04.2020)
Utarda	Approx. 695 plots

2. **Subsistence allowance.** Each affected displaced family will get subsistence allowance at the rate of 25 days (Minimum Agricultural Wage) per month for one year.

Employment provision. the maximum total number of employments that may be provided to the Land losers would be limited to the total no. of acres of land acquired divided by two. However, employments will be released in proportion to the land possessed. For every two acres of land one employment can be considered. Subsidiaries of CIL may give an option to the Land Losers holding less than two acres of land to club together their land to an extent of two acres and nominate one of the land losers among the groups or their dependent for employment under package deal on employment.

For the future expansion (35-70 MTY) provision has been made for Rehabilitation & Resettlement 7000 PAPs in the Project Report for Gevra OC Exp (35-70 MTY) & is iterated below.

Project Affected Families -7000 (includes families within 70Mty PR and families within land to be acquired for future mining	7000 Lakhs
Compensation to the land oustees in lieu of not providing job. Additional probable no. of land oustees considered @ Rs.500000/- per acre*	17824.82 lakh
Compensation for 7000 nos. of homestead @ Rs. 300000/- per PAF**	10500 lakh
House Compensation @ Rs.300000/- per house***	21000 lakh
Development in rehabilitation colony	2500 lakh
Subsistence allowance for 7000 PAF @ 220X23X12=Rs 66000.00	4620 Lakh

1)* Assuming 50% will be provided job and 50% will get cash compensation in lieu of job.

2)** Assuming 50% will be provided alternate plot and 50% will get cash compensation in lieu of house plot

3)***Assuming no. of houses is equal to no. of families.

4) Villages involved in 70 Mty project are Amgaon, Bahanpat, Bhatora, Naraibodli, Gevra, [illegible], Bhilaibazar, Laxman nagar and part of Kholri, Churail, Pandripani, Salora

28/7/2020

महाप्रबंधक
General Manager
एस.ई.सी.एल., गेवरा क्षेत्र
SECL, Gevra Area

चेक लिस्ट – 27

ऐतिहासिक स्थल का प्रमाण पत्र

ऐतिहासिक स्थल न होने संबंधी

प्रमाण–पत्र

प्रमाणित किया जाता है कि एस.ई.सी.एल गेवरा विस्तार परियोजना खुली खदान, जिला–कोरबा वन मण्डल कटघोरा, वन परिक्षेत्र, पटवारी हल्का नंबर 36 एवं 58 राजस्व निगम मंडल दीपका, तहसील–कटघोरा में प्रस्तावित राजस्व वनभूमि (छोटे बडे झाड के जंगल) 94.293 हेक्टयर क्षेत्र में ऐतिहासिक या पुरातात्विक महत्व का कोई भी ईमारत/स्मारक नहीं है।

नोडल अधिकारी (पर्यावरण एवं वन)
एस.ई.सी.एल गेवरा क्षेत्र

महाप्रबंधक
एस.ई.सी.एल गेवरा परियोजना

महाप्रबंधक 29/10/22
एस.ई.सी.एल गेवरा क्षेत्र

चेक लिस्ट – 28

संबंधित ग्राम पंचायत का अनापत्ति प्रमाण पत्र (छत्तीसगढ शासन वन विभाग का पत्र कमांक/एफ–5–20/2007/10–2 दिनांक 12.01.2021)

कार्यालय अनुविभागीय अधिकारी (रा.) कटघोरा, जिला- कोरबा (छ0ग0)

क्रमांक / 2179 / अ0वि0अ0 / वन अधि./ 2022 कटघोरा, दिनांक 18/8/2022

प्रति ,

कलेक्टर
(भू अभिलेख शाखा)
जिला - कोरबा (छ0ग0)

विषय :- कोरबा जिले में कटघोरा वनमंडल अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के तहत् अनापत्ति प्रमाण पत्र बाबत्।

संदर्भ :- आपका पत्र क्रमांक /2617/भू.अ./वन.अधि./ 2021/ कटघोरा दिनांक 09.12.2021

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विषयान्तर्गत संदर्भित पत्र के माध्यम से कटघोरा वनमंडल अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत अनापत्ति प्रमाण पत्र चाही गई है।

उपखण्ड स्तरीय वनाधिकार समिति कटघोरा की बैठक दिनांक 31.07.2019 के तहत् उक्त संबंध में अनापत्ति प्रमाण पत्र जारी किया गया है। संदर्भित पत्र के माध्यम से परियोजनावार (गेवरा विस्तार परियोजना कुल रकबा 94.293 हे. एवं कुसमुण्डा परियोजना कुल रकबा 21.915 हे.) में वन संरक्षण अधिनियम 1980 के तहत् संशोधित रकबा में अनापत्ति प्रमाण पत्र हेतु लेख किया गया है।

चूंकि गेवरा विस्तार परियोजना हेतु उपखण्ड स्तरीय वनाधिकार समिति द्वारा दिनांक 31.07.2019 को जारी अनापत्ति पत्र में उल्लेखित रकबा में किसी प्रकार का कोई संशोधन नही है। अतः पुनः अनापत्ति प्रमाण पत्र जारी करने की आवश्यकता नही है। विवरण निम्नानुसार है :-

क्रमांक	ग्राम का नाम	आवेदित खसरा नं.	आवेदित कुल रकबा
1	2	3	4
1	गेवरा	153, 277, 481, 579, 585, 957, 959, 1182, 1241 (कुल ख.नं. 09)	81.380 हे.
2	खोडरी	40, 242 /1, 242 /3 (कुल ख.नं. 03)	12.913 हे.
कुल योग		कुल ख.नं. 12	94.293 हे.

अतः गेवरा खुली खदान के लिये ग्राम गेवरा एवं खोडरी स्थित उपरोक्त खसरा नंबरों की भूमि जिसका कुल रकबा 94.293 हेक्टेयर है, का वन संरक्षण अधिनियम 1980 के तहत् गैर वानिकी प्रयोजन हेतु अनापत्ति प्रमाण पत्र जारी किया जाता है तो इस कार्यालय को कोई आपत्ति नही है।

अनुविभागीय अधिकारी (रा.)
कटघोरा (छ.ग.)

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

STD :07815 275430(O)
:7815 275032(R)
Fax :07815 275434
email :gevracmvt@gmail.com

कार्यालयः महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 265 दिनांक 18/11/2021

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः–कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भः–

1. कार्यालयीन पत्र क्रमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र क्रमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन केलिए पत्र क्रमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018
5. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020
8. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /291 दिनांक 08/09/2020
9. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /127 दिनांक 26/07/2021

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व मे निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.798 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अधिदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र0	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुण्डा परियोजना के लिया आवेदित रकबा	मद
1	2	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़े झाड़ का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242 / 1	25.14	25.14	-	-"-
20		242 / 3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुलयोग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। एवं आनलाइन पंजीकरण प्रकिया के लिए वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण आवश्यक है।अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न: यथोपरि।

भवदीय

18/11/21

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
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CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gevramnt@gmail.com

पो०आ० गेवराप्रोजेक्ट
P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

जिला: कोरबा(छत्तीसगढ़)
पिन:495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 127 दिनांक26/07/2021

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भः–

1. कार्यालयीन पत्र कमांक 517 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक / 519 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र कमांक / एसईसीएल / मप्र / गे.क्षे. / सर्वे / आर–2 / 2017 / 426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क. / 1839 / भू.अ. / वन.अधि. / 2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0 / 918 / भू.अ. / स.अ.भू.अ. / 2018 कोरबा दि.19.03.2018
5. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020
8. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /291 दिनांक 08/09/2020

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1	2	3.	4	5	6	7
1	तेंदूना	16	-	-	-	कोई आय का [illegible]
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.15	0.15	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242/1	25.14	25.14	-	-"-
20		242/3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुल योग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-

उपरोक्त नुसार गेवरा परियोजना द्वारा कुल 94.293 है. (गेवरा 81.380 है. व खोडरी 12.913 है) व कुसमुण्डा परियोजना द्वारा कुल 21.915 है. (गेवरा 17.119 है. व खोडरी 4.796 है.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। **एवं ऑनलाइन प्रक्रिया के लिए** वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण **आवश्यक है** | अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न: उपरोक्त।

भवदीय

महाप्रबंधक

एसईसीएल, गेवरा क्षेत्र

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी, कोरबा छत्तीसगढ़

क्र./517 /भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17/2/2016

प्रति,

सचिव,
छत्तीसगढ़ शासन,
राजस्व एवं आपदा प्रबंधन विभाग,
मंत्रालय,
महानदी भवन, नया रायपुर (छ.ग.)

विषय :- कोरबा जिले में कटघोरा वनमण्डल के अंतर्गत एसईसीएल कुसमुण्डा वन क्षेत्र के कुसमुण्डा खुली खदान विस्तार परियोजना हेतु 142.257 हे0 राजस्व वन भूमि के गैर वानिकी प्रयोजन बाबत् अनापत्ति प्रमाण पत्र जारी करने विषयक।

संदर्भ :- महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा क्षेत्र का पत्र क्र. Reff.Mo./SECL/GM/KA/ 15-16/273, दिनांक 04.01.2016।

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विषयांतर्गत कृपया संदर्भित पत्र का अवलोकन करने का कष्ट करें। महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा द्वारा कुसमुण्डा खुली खदान विस्तार परियोजना हेतु ग्राम गेवरा, खोडरी, सोनपुरी, पाली, पड़लिया में कुल रकबा 142.257 हे0 राजस्व वन भूमि पर गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के तहत अनापत्ति प्रमाण पत्र बाबत् निवेदन किया गया है।

अनुविभागीय अधिकारी रा. कटघोरा से प्राप्त प्रतिवेदन अनुसार :-

क्र	ग्राम का नाम	आवेदित खसरा नंबर	आवेदित रकबा	मद	अन्य विवरण
1	-2	3	5	6	7
1	गेवरा	16	2.17	बड़े झाड़ का जंगल	
2		28	0.28	—"—	—
3		30	4.59	—"—	—
4		40	1.28	—"—	—
5		121	1.45	—"—	—
6		153	76.07	—"—	—
7		277	24.26	—"—	—
8		481	2.20	—"—	—
9		579	0.16	—"—	—
10		585	2.65	—"—	—
11		957	11.84	—"—	—

//2//

12		959	15.05	बड़े झाड़ का जंगल	–
13		966	0.10	–"–	–
14		990	0.07	–"–	–
15		1182	106.23	–"–	–
16		1184	2.88	–"–	–
17		1241	0.25	–"–	–
	योग		253.33 (102.521 हे0)		
18	खोढरी	40	18.52	–"–	–
19		242/1	25.14	–"–	–
20		242/3	0.10	–"–	–
	योग		43.76 (17.706 हे0)		
21	पड़निया	532	0.13 (0.053)	–"–	–
22	पली	204	0.48 (0.194)	–"–	–
23	सोनपुरी	27/1	13.74	–"–	–
24		294	2.24	–"–	–
25		370/1	8.71	–"–	–
26		431/1	2.41	–"–	–
27		446/2	0.14	–"–	–
28		446/3	0.74	–"–	–
29		447	11.63	–"–	–
30		491	1.50	–"–	–
31		519	4.60	–"–	–
32		574	1.15	–"–	–
33		587	0.56	–"–	–
34		591	5.00	–"–	–
35		631	1.20	–"–	–
36		636	0.20	–"–	–
	योग		63.82 (21.780 हे0)		
	कुल योग		361.52 (142.267 हे0)		

उपरोक्त आवेदित नंबरो के संबंध में सक्षम विभाग को निम्नलिखित शर्तो के अधीन अनापत्ति प्रमाण पत्र जारी किया जाता है।

1. यह अनापत्ति प्रमाण पत्र केवल एसईसीएल कुसमुण्डा खुली खदान परियोजना हेतु उपयोग के अतिरिक्त अन्य प्रयोजन के लिए नहीं।
2. कुसमुण्डा, खुली खदान परियोजना के निर्माण में किसी प्रकार की क्षति होती है, तो इसकी संपूर्ण जवाबदारी आवेदक-संस्थान की होगी।
3. इस अनुमति के द्वारा विभाग के स्वामित्व का हस्तांतरण नहीं किया जा रहा है।

4. खुली खदान परियोजना में प्रभावित होने वाले वृक्षों को काटे जाने की अनुमति सक्षम न्यायालय/विभाग से लिया जाना होगा।
5. आवेदित भूमि पर सीमांकन उपरांत शासन द्वारा निर्मित/संचालित भवन स्थित होने पर संबंधित भवन का मूल्यांकन उपरांत मूल्यांकित राशि छत्तीसगढ़ शासन को देय होगी।
6. खुली खदान परियोजना में वन संरक्षण अधिनियम लागू होने पर संबंधित विभाग से अनुमति लेना अनिवार्य होगा।
7. सीमांकन उपरांत आवेदित क्षेत्र में वन अधिकार पत्र वितरण होना पाया जाता है तो उक्त स्थिति में छत्तीसगढ़ शासन की पुनर्वास नीति 2007 का उचित पालन एवं वन अधिकार पत्र धारियो के उचित व्यवस्थापन किये जाने की शर्त पर अनापत्ति प्रमाण पत्र दिया जाता है।

(पी. उमानंद)
कलेक्टर
कोरबा (छत्तीसगढ़)

पृ. क्र./ 518 /भू.अ./स.अ.मू.अ./2016 कोरबा दिनांक 17/2/2016

प्रतिलिपि :-

1. वन मण्डलाधिकारी, कटघोरा की ओर सूचनार्थ।
2. अनुविभागीय अधिकारी (रा.)कटघोरा की ओर सूचनार्थ।
3. महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा क्षेत्र कुसमुण्डा की ओर सूचनार्थ।

कलेक्टर
कोरबा (छत्तीसगढ़)

SECL/CGU/KSM AREA
Receipt 3567
Date 20/2/16

प्रदर्श – 'स'

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी, कोरबा छत्तीसगढ़

//प्रमाण पत्र//

क्र./529 /भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17/2/2016

मेसर्स महाप्रबंधक एसईसीएल कुसमुण्डा को कुसमुण्डा खुली खदान विस्तार परियोजना कार्य हेतु कोरबा जिला में कोरबा वनमण्डल के गेवरा, खोडरी, पड़निया, पाली, सोनपुरी (रकबा क्रमशः 102.521 हे0, 17.709 हे0, 0.053 हे0, 0.194 हे0, 21.780 हे0 कुल रकबा 142.257 हेक्टेयर) गांव के राजस्व वन भूमि के व्यपवर्तन हेतु कुल रकबा 142.257 हेक्टेयर के प्रकरण में अनुसूचित जनजाति एवं अन्य परंपरागत 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 संपूर्ण प्रकिया का पालन कर अधिकारों को स्थापित किया गया है तथा संपूर्ण क्षेत्र की वन भूमि 0.00 हेक्टेयर एवं राजस्व वन भूमि 142.257 हेक्टेयर जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम गेवरा, खोडरी, पड़निया, पाली, सोनपुरी तहसील कटघोरा में स्थित है में तदनुसार कार्यवाही पूर्ण की गई है।

ग्राम सभा की बैठक एवं उसमें पारित प्रस्ताव दिनांक 16.02.2016, 16.02.2016, 16.02.2016, 16.02.2016, (प्रदर्श 'अ') एवं वन तथा राजस्व विभाग का संयुक्त जांच प्रतिवेदन (प्रदर्श 'ब') पर दर्शित है।

2. प्रमाणित किया जाता है कि उक्त प्रकरण में ग्राम सभा की बैठकें दिनांक 16.02.2016 को ग्राम खोडरी में सरपंच श्री लक्ष्मण सिंह कंवर, ग्राम पड़निया में सरपंच श्री हीरालाल, ग्राम पाली में सरपंच श्री संतराम तथा ग्राम सोनपुरी में सरपंच श्री भोपाल सिंह की अध्यक्षता में हुई। उक्त सभी ग्रामों में ग्राम सभा तथा वन ग्राम समिति के 50% से अधिक सदस्य उपस्थित थे। जिनको प्रस्तावित परियोजना के क्रियान्वयन एवं प्रकरण के पूर्ण विवरण तथा प्रभाव से अवगत कराकर विस्तार से हिन्दी एवं स्थानीय भाषा में समझाईश दी गयी। यह पाया गया कि इस क्षेत्र में उपरोक्त अधिनियम के तहत वन अधिकार की मान्यता पत्र की पात्रता रखने वाले कोई भी व्यक्ति नहीं है।

3. ग्राम गेवरा नगर पालिक निगम क्षेत्रांतर्गत होने से आयुक्त नगर पालिक निगम कोरबा से अभिमत लिया गया। जिसमें उनके द्वारा कोई आपत्ति नहीं होने का लेख है।

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NO(Forest), KSM

4. यह प्रमाणित किया जाता है कि जो भी चर्चा एवं निर्णय लिये गये उसमें ग्राम सभा के न्यूनतम 50% सदस्यों की उपस्थिति का कोरम पूर्ण था।
5. यह प्रमाणित किया जाता है कि ग्राम खोडरी, पड़निया, पाली, सोनपुरी में संयुक्त सत्यापन प्रतिवेदन दिनांक 16.02.2016 एवं सभी ग्रामों के ग्राम सभा के ठहराव प्रस्ताव दिनांक 16.02.2016 के अनुसार ऐसे विलुप्त प्राय जनजाति समूह (पीटीजी) 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) अंतर्गत विशेष रूप से संरक्षित रखना है।
6. संयुक्त सत्यापन प्रतिवेदन ग्राम खोडरी, पड़निया, पाली, सोनपुरी एवं दिनांक 16.02.2016 को ग्राम सभा 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।

(पी. दयानंद) 7/02/16
कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष –जिला वन अधिकार समिति
जिला – कोरबा (छत्तीसगढ़)

पृ.क्र./520 /भू.अ./स.अ.भू.अ./2016 कोरबा, दिनांक 7/2/2016

प्रतिलिपि :–

1. सचिव, छत्तीसगढ़ शासन राजस्व एवं आपदा प्रबंधन विभाग, मंत्रालय महानदी भवन नया रायपुर की ओर सादर सूचनार्थ।
2. वनमण्डलाधिकारी कटघोरा की ओर सूचनार्थ।
3. अनुविभागीय अधिकारी (रा.) कटघोरा की ओर सूचनार्थ।
4. महाप्रबंधक एसईसीएल दुसमुण्डा क्षेत्र दुसमुण्डा की ओर सूचनार्थ।

कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष –जिला वन अधिकार समिति
जिला – कोरबा (छत्तीसगढ़)

प्रपत्र–"ब"

ग्राम सभा होनपुरी की बैठक दिनांक 16.12.2016

का कार्यवाही विवरण

ग्राम: होनपुरी

स्थान: _____ दिनांक 16/12/16

आज दिनांक 16/12/2016 को ग्राम होनपुरी के सरपंच श्री/श्रीमती मोनपत सिंह की अध्यक्षता में ग्राम सभा की बैठक आहूत की गयी। इस बैठक में ग्राम सभा एवं वन समिति के 607 सदस्य _____ प्रतिशत उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई:-

1. ग्राम होनपुरी में आवेदक मै. ई-मिनरल उमेश परिमोजना ने (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु _____ है. वन भूमि _____ है. राजस्व वन भूमि कुल 21.780 है. वन भूमि की मांग की गई है। इस प्रस्ताव बारह विस्तृत चर्चा की गयी। (53.82 एकड़)

2. प्रस्ताव के उद्देश्य, उद्देश्यों एवं उक्त प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबत ग्राम सभा की बैठक में विस्तार से गहन चर्चा की गयी।

3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि 21.780 हेक्टेयर कार्य के व्यपवर्तन के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस प्रस्तावित वन भूमि पर कृषि कार्य, आवास या अन्य वास्तविक गतिविधि नहीं संपादित कर रहे हैं एवं कोई भी वन अधिकार (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है।

अथवा

निम्न आदिवासी / गैर परंपरागत वनवासी व्यक्तियों को वन अधिकार मान्यता पत्र वितरित किया गया है:

क्र.	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	रकबा (हेक्टे)
	होनपुरी	निरंक	

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि _____ है. वन भूमि / 21.780 है. राजस्व वन भूमि, कुल योग 21.780 है. वन भूमि को गैर वानिकी प्रयोजन हेतु बेसर्स _____ (आवेदक) ECL द्वारा को अन्य प्रचलित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जावे।

कमलाबाई

हस्ताक्षर _____ सरपंच

नाम _____ ग्राम पंचायत – पाली

सरपंच _____ जन.पंचा. – कटघोरा

जिला-कोरबा (छ.ग.)

मोहर

सचिव

ग्राम पंचायत – पाली

जन.पंचा. – कटघोरा

जिला – कोरबा (छ.ग.)

उपस्थित सदस्य गण:

क्रमांक नाम

प्रपत्र–"ब"

ग्राम सभा ...खोड़री... की बैठक दिनांक ...16/2/16...

का कार्यवाही विवरण

ग्राम ...खोड़री...

स्थान ...सी.भवन... दिनांक .....

आज दिनांक 16/02/2016 को ग्राम ...खोड़री... के सरपंच श्री/श्रीमती ...लखन सिंह कंवर... की अध्यक्षता में ग्राम सभा की बैठक आहूत की गयी। इस बैठक में ग्राम सभा एवं वन समिति के ...50/... सदस्य ...प्रतिशत उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई:-

1. ग्राम ...खोड़री... में आवेदक ...S.E.C.L. बिशरा... के (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु ...17.709... है. वन भूमि ...—... है. राजस्व वन भूमि, कुल ...17.709... है. वन भूमि की मांग की गई है। इस प्रस्ताव बाबद विस्तृत चर्चा की गयी।

2. प्रस्ताव के लक्ष्य, उद्देश्य एवं उक्त प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबद ग्राम सभा की बैठक में विस्तार से गहन चर्चा की गयी।

3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि ..... कार्य के व्यपवर्तन के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस प्रस्तावीत वन भूमि पर कृषि कार्य, आवास या अन्य सामुदायिक गतिविधि नहीं संपादित कर रहे हैं एवं कोई भी वन अधिकार (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है।

अथवा

निम्न आदिवासी / गैर परंपरागत वनवासी व्यक्तियों को वन अधिकार मान्यता पत्र वितरित किया गया है:

क्र.	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम.	रकबा (है.में)
	खोड़री	निरंक	—

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि ...17.709... है. वन भूमि / ..... है. राजस्व वन भूमि, कुल योग ...17.709... है. वन भूमि को गैर वानिकी प्रयोजन हेतु मेसर्स ...S.E.C.L. बिशरा... (आवेदक)..... को अन्य प्रचलित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जावे।

हस्ताक्षर .....

नाम ...सीताकंवर...

सरपंच .....

सरपंच
ग्राम पंचायत - खोड़री
जन.पंचा. - कटघोरा
जिला - कोरबा (छ.ग.)

सील

लखनसिंह
अध्यक्ष

सचिव
ग्राम पंचायत - खोड़री
जन.पंचा. - कटघोरा
जिला - कोरबा (छ.ग.)

उपस्थित सदस्य गण:

क्रमांक नाम हस्ताक्षर / अंगूठा निशान

प्रपत्र–"ब"

ग्राम सभा पाली की बैठक दिनांक 16/12/16

का कार्यवाही विवरण

ग्राम पाली

स्थान _____ दिनांक 16/12/16

आज दिनांक 16/12/16 को ग्राम पाली के सरपंच श्री/श्रीमती _____ की अध्यक्षता में ग्राम सभा की बैठक आहूत की गयी। इस बैठक में ग्राम सभा एवं वन समिति के 50% सदस्य _____ प्रतिशत उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई–

1. ग्राम पाली में आवेदक _____ के (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु _____ है. वन भूमि _____ है. राजस्व वन भूमि, कुल 0.48 है. वन भूमि की मांग की गई है। इस प्रस्ताव बाबत विस्तृत चर्चा की गयी।

2. प्रस्ताव के सम्बन्ध, उद्देश्य एवं वजह प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबत ग्राम सभा की बैठक में विस्तार से गहन चर्चा की गयी।

3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि _____ कार्य के व्यपवर्तन के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस प्रस्तावित वन भूमि पर कृषि कार्य, आवास या अन्य पारम्परिक गतिविधि नहीं संपादित कर रहे हैं एवं कोई भी वन अधिकार (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है।

अथवा

निम्न आदिवासी / गैर परंपरागत वनवासी व्यक्तियों को वन अधिकार मान्यता पत्र वितरित किया गया है:

क्र.	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	रकबा (है.में)
	पाली	निरंक	

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि _____ है. वन भूमि / _____ है. राजस्व वन भूमि, कुल योग 0.194 है. वन भूमि को गैर वानिकी प्रयोजन हेतु मेसर्स _____ (आवेदक) _____ की अन्य प्रचलित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जावे।

हस्ताक्षर कमलाबाई

सरपंच

नाम ग्राम पंचायत – पाली

सरपंच जन.पंचा. – सहरीना

जिला – कोटा (रा.)

सील

उपस्थित सदस्य गण:

क्रमांक नाम

हस्ताक्षर / अंगूठा निशान

ग्राम पंचायत – पाली

जन.पंचा. – सहरीना

जि. – कोटा (रा.)

प्रपत्र-"द"

ग्राम सभा पड़निया की बैठक दिनांक 16/2/16

का कार्यवाही विवरण

ग्राम पड़निया

स्थान पड़निया

दिनांक 16/2/16

आज दिनांक 16/2/16 को ग्राम पड़निया के सरपंच श्री/श्रीमती ..... की अध्यक्षता में ग्राम सभा की बैठक आहूत की गयी। इस बैठक में ग्राम सभा एवं वन समिति के ..... सदस्य ..... प्रतिशत उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई–

1. ग्राम पड़निया में आवेदक ..... ने (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु ..... है. वन भूमि ..... है. राजस्व वन-भूमि, कुल ..... है. वन भूमि की मांग की गई है। इस प्रस्ताव बाबद विस्तृत चर्चा की गयी।

2. प्रस्ताव के लक्ष्य, उद्देश्य एवं कुल प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबद ग्राम सभा की बैठक में विस्तार से गहन चर्चा की गयी।

3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि ..... कार्य के व्यपवर्तन के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस प्रस्तावीत वन भूमि पर कृषि कार्य, आवास या अन्य आजीविका गतिविधि नहीं संपादित कर रहे है एवं कोई भी वन अधिकार (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है।

अथवा

निम्न आदिवासी / गैर परंपरागत वनवासी व्यक्तियों को वन अधिकार मान्यता पत्र वितरित किया गया है

क्र.	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	रकबा (है.में)
	पड़निया	निरंक	

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि ..... है. वन भूमि / 0.052 है. राजस्व वन भूमि, कुल योग 0.05 है. वन भूमि को गैर वानिकी प्रयोजन हेतु मेसर्स S.E.C.L. ..... (आवेदक) ..... को अन्य प्रचलित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जावे।

हस्ताक्षर

नाम सरपंच

सरपंच ग्राम पंचायत - खैरभवन

वन पंचा. - जाजमोरा

मोहर

SECRETARY
Gram Panch.Khairbhawna
J. P. - Kaighora
Tehsil-Korba (C. G.)

उपस्थित सदस्य गण

हस्ताक्षर / अंगूठा निशान

हस्ताक्षर

"संयुक्त स्थल जांच प्रतिवेदन"

एसईसीएल कुसमुण्डा क्षेत्र के खुली खदान विस्तार परियोजना हेतु ग्राम खोड़री के रकबा 17.709 हे. राजस्व वन भूमि का राजस्व विभाग एवं वन विभाग के अधिकारी द्वारा दिनांक 16/2/2016 को संयुक्त जांच किया गया।

1. आवेदित राजस्व वन भूमि रकबा 17.709 हे. में कोई विलुप्त जनजाति (पीटीजी) के सदस्य निवासरत नहीं है एवं आवेदित भूमि के व्यपवर्तन से प्रभावित नहीं हो रहा है।
2. व्यपवर्तन के लिए प्रस्तावित रकबा 17.709 हे. पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संयुक्त जांच का विवरण निम्नानुसार :-

ग्राम का नाम	खसरा नंबर	रकबा
खोड़री	40	18.32
	242/1, 242/3	25.14
	2	43.76
		17.709

16/2/2016 कटघोरा
जी.के. सिंह नायर
प्र.ह.न.
कमीश्नर - कटघोरा
कोरबा (छ.ग.)

16/2/2016
रा०प्र०रीवा

16/2/2016

वन/अभियान/कोरबा
16/2/2016

16/02/2016

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

"संयुक्त स्थल जांच प्रतिवेदन"

एसईसीएल कुसमुण्डा क्षेत्र के खुली खदान विस्तार परियोजना हेतु ग्राम सोनपुरी के रकबा 21.78 हे. राजस्व वन भूमि का राजस्व विभाग एवं वन विभाग के अधिकारी द्वारा दिनांक 16/2/2016 को संयुक्त जांच किया गया।

1. आवेदित राजस्व वन भूमि रकबा 21.780 हे. में कोई विलुप्त जनजाति (पीटीजी) के सदस्य निवासरत नहीं है एवं आवेदित भूमि के व्यपवर्तन से प्रभावित नहीं हो रहा है।
2. व्यपवर्तन के लिए प्रस्तावित रकबा 21.780 हे. पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संयुक्त जांच का विवरण निम्नानुसार :-

ग्राम का नाम	खसरा नंबर	रकबा
सोनपुरी	27/1	13.74
	294	2.22
	370/1	8.71
	431/1	2.41
	446/2	0.14
	446/3	0.74
	440	11.63
	491	1.53
	519	4.60
	574	1.15
	587	0.55
	591	5.00
	631	1.20
	636	0.20
योग	14	53.82/21.780 हे.

वन परिक्षेत्र अधिकारी

"संयुक्त स्थल जांच प्रतिवेदन"

एसईसीएल कुसमुण्डा क्षेत्र के खुली खदान विस्तार परियोजना हेतु ग्राम पड़लिया के रकबा 0.053 हे. राजस्व वन भूमि का राजस्व विभाग एवं वन विभाग के अधिकारी द्वारा दिनांक 16.2.2016 को संयुक्त जांच किया गया।

1. आवेदित राजस्व वन भूमि रकबा 0.053 हे. में कोई विलुप्त जनजाति (पीटीजी) को सदस्य निवासरत नहीं है एवं आवेदित भूमि के व्यपवर्तन से प्रभावित नहीं हो रहा है।
2. व्यपवर्तन के लिए प्रस्तावित रकबा 0.053 हे. पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संयुक्त जांच का विवरण निम्नानुसार :-

ग्राम का नाम	खसरा नंबर	रकबा
पड़लिया	532	0.13 / 0.053 हे.

पटवारी
हल्का नं.-22
तह.-कटघोरा, जिला-कोरबा

रेंजर
वन परिक्षेत्र कटघोरा

Scanned by CamScanner

"संयुक्त स्थल जांच प्रतिवेदन"

एसईसीएल कुसमुण्डा क्षेत्र के खुली खदान विस्तार प्रस्तावित योजना हेतु ग्राम पाली के रकबा 0.48 एकड़ (0.194 हेक्टे.) हे. राजस्व वन भूमि का राजस्व विभाग एवं वन विभाग के अधिकारी द्वारा दिनांक 16/12/2022 को संयुक्त जांच किया गया।

1. आवेदित राजस्व वन भूमि रकबा 0.194 हे. में कोई विलुप्त जनजाति (पीटीजी) के सदस्य निवासरत नहीं है एवं आवेदित भूमि के व्यपवर्तन से प्रभावित नहीं हो रहा है।
2. व्यपवर्तन के लिए प्रस्तावित रकबा 0.194 हे. पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संयुक्त जांच का विवरण निम्नानुसार :-

ग्राम का नाम	खसरा नंबर	रकबा
पाली	204 मोड़-1	0.48 0.48 एकड़ - मोड़ 0.194 हेक्टे - मोड़

तहसीलदार
पी.के. सिंह तवा
तहसील - कटघोरा

रा.नि. रीवा
12/2022

वनक्षेत्रपाल कटघोरा

डिप्टी कलेक्टर (पी)

साऊथ ईस्टर्न कोलफील्ड्स लिमिटेड
South Eastern Coalfields Limited

कार्यालय : महाप्रबंधक गेवरा क्षेत्र

Gram
STD
TELE
FAX
P.O. : GEVRA PROJECT
Distt : Korba (C.G.) 495450

OFFICE OF THE
GENERAL MANAGER
GEVRA AREA

Ref: SECL/GM/GA/SUR/R-2/2017 / 436

Date: 07.03.2017

To,

The General Manager (P&P)
SECL, Bilaspur.

Sub: Village-wise Bifurcation of Land to be used as per PR of 70 MTY Gevra Project & 50 MTY Kusmunda Project within All Right Acquired under CBA (A&D) Act. 1957. Notified Under Section 7 (I) vide SO NO. 2002 (E) New Delhi., 20th July 2015.

Dear Sir,

Please find enclosed herewith the village-wise bifurcation of land in the village Gevra, Khodari & Churail to be used as per PR of 70 MTY Gevra Project & 50 MTY Kusmunda Project within All Right Acquired under CBA (A&D) Act. 1957. Notified Under Section 7 (I) vide SO NO. 2002 (E) New Delhi , 20th July 2015 by Kusmunda Area for South Eastern Coalfields Limited.

Encl. : Village wise details of land

Yours Faithfully

General Manager
Gevra Area

Co to:
Director Technical (P&P), SECL Bilaspur for kind information
General Manager, Kusmunda Area
General Manager (L&R), SECL Bilaspur
Area Survey Officer, Gevra Area

SOUTH EASTERN COALFIELDS LIMITED

LAND ACQUIRED AS ALL RIGHT UNDER CBA (A&D) ACT, 1957 BY KUSMUNDA AREA

SO NO. 2002(E) NEW DELHI,20TH JULY 2015(SECTION 7(1))

Village wise Bifurcation of Land to be used for 70 MTY Gevra Project & 50 MTY Kusmunda Project

(Village - Gevra (P), Khodri & Churali)

Fig in Acre / Hect

		Gevra 70 MTY			Kusmunda 50 MTY			Total			Grand Total	
Sl. No	Village	T/L	G/L	F/L	T/L	G/L	F/L	T/L	G/L	F/L	in Acre	in Hect.
1	Gevra (P)	897.26	78.06	215.14	8.63	1.17	42.3	906.89	79.23	257.44	1243.56	503.760
2	Khodri	20.91	6.33	91.91	196.10	31.79	11.85	217.01	38.12	43.76	298.89	120.959
3	Churali	14.77	16.60	0.00	194.47	68.78	0.00	209.24	85.38	0.00	294.62	119.233
	Total	932.94	100.99	247.05	408.2	101.74	54.15	1333.14	202.73	301.2	1837.07	743.452

Area Survey Officer
Gevra Area

Nodal Officer (Env.&Forest)
Gevra Area

Nodal Officer (L & R)
Gevra Area

Area Survey Officer
Kusmunda Area

Nodal Officer (Env.&Forest)
Kusmunda Area

Nodal Officer (L & R)
Kusmunda Area

General Manager
Gevra Area

General Manager
Kusmunda Area

कार्यालय कलेक्टर (भू–अभिलेख शाखा), जिला कोरबा, छत्तीसगढ़

क्र./ 1839 / भू.अ./वन अधि./2018 कोरबा दिनांक 21/06/2018

प्रति,

अनुविभागीय अधिकारी (रा.)
कटघोरा
जिला– कोरबा

विषय :– कोरबा जिले में कटघोरा वन मण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान (रकबा 94.293 हे0) एवं एसईसीएल कुसमुण्डा खुली खदान (रकबा 47.964 हे0) कुल रकबा 142.257 हेक्टेयर के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ :– 1. कार्या. पत्र क्र./1060/भू.अ./स.अ.भू.अ./2017 कोरबा दिनांक 31.03.2017
2. कार्या. पत्र क्र./916/भू.अ./स.अ.भू.अ./2018 कोरबा दिनांक 19.03.2018
3. आपका पत्र क्र./4086/अधिअ/भू–अर्जन/2017 कटघोरा दिनांक 24.04.17
4. कार्या. पत्र क्र./1059/भू.अ./स.अ.भू.अ./2018 कोरबा दिनांक 27.03.2018

——000——

संदर्भित पत्रों का अवलोकन करने का कष्ट करें। एसईसीएल कुसमुण्डा एवं एसईसीएल गेवरा खुली खदान विस्तार परियोजना हेतु अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी वन अधिकारों की मान्यता अधिनियम 2006 के तहत् प्रमाण पत्र जारी किये परियोजना हेतु प्रतिवेदन चाही गई थी, जो आज दिनांक तक अप्राप्त है।

1. एसईसीएल कुसमुण्डा खुली खदान विस्तार परियोजना(रकबा 47.964 हे0)
2. एसईसीएल गेवरा खुली खदान विस्तार परियोजना (रकबा 94.293 हे0)

अतः प्रमाण पत्र प्रदाय बाबत् ग्राम सभा ठहराव प्रस्ताव, वार्ड स्तरीय वानिकी ठहराव प्रस्ताव एवं उप खण्ड स्तरीय वन अधिकार समिति की बैठक आयोजित कर प्रस्ताव/अभिमत सहित प्रतिवेदन तथा गेवरा खुली खदान विस्तार परियोजना का संयुक्त स्थल जांच प्रतिवेदन शीघ्र उपलब्ध कराने का कष्ट करें।

प्रभारी अधिकारी (एफआरए)
कोरबा (छत्तीसगढ़)

पृ.क्र./ 1820 / भू.अ./वन अधि./ 2018 कोरबा दिनांक 21/06/2018

प्रतिलिपि –

1. महाप्रबंधक, एसईसीएल कुसमुण्डा क्षेत्र कुसमुण्डा, जिला कोरबा की ओर सूचनार्थ।
2. महाप्रबंधक, एसईसीएल गेवरा क्षेत्र गेवरा, जिला कोरबा की ओर सूचनार्थ।

प्रभारी अधिकारी (एफआरए)
कोरबा (छत्तीसगढ़)

94.293 Ha

कार्यालय कलेक्टर (भू-अभिलेख शाखा), जिला कोरबा, छत्तीसगढ़

क्र / 915 / भू.अ./स.अ.भू.अ./2018 कोरबा दिनांक [illegible]

प्रति,

आयुक्त
नगर पालिक निगम
कोरबा (छ.ग.)

C5
6/9/18

विषय :- कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान (रकबा 94.293 है.) एवं एसईसीएल कुसमुण्डा खुली खदान (रकबा 47.964 है.) रकबा 142.257 हेक्टेयर के वैर वानिकी प्रयोजन हेतु वन [illegible] अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अन्तर्गत संशोधित प्रमाण पत्र जारी करने बाबत।

संदर्भ :- 1 कार्या0 पत्र क्रमांक / 3349 / भू.अ./स.अ.भू.अ./2017 कोरबा दिनांक [illegible]
2 कार्या0 पत्र क्रमांक / 307 / भू.अ./स.अ.भू.अ./2017 कोरबा दि.[illegible]

संदर्भित पत्र का अवलोकन करने का कष्ट करें। एसईसीएल कुसमुण्डा एसईसीएल गेवरा खुली खदान विस्तार परियोजना हेतु अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी वन अधिकारों की मान्यता अधिनियम 2006 के तहत् प्रमाण पत्र हेतु निम्नांकित परियोजनाओं के नगर निगम क्षेत्र अंतर्गत ग्रामों में ग्राम सभा कराने हेतु टीम समिति [illegible] पारा/मोहल्ला/टोला आदि (जो समिति छोटा हो) का प्रतिवेदन तथा स्पष्ट स्थानीय समिति [illegible] क्षेत्र) का प्रस्ताव /अभिमत सहित प्रतिवेदन शीघ्र भेजने हेतु लेख किया गया था, जो अब तक अप्राप्त है।

क्र	ग्राम का नाम	कुल रकबा (है. में)	एसईसीएल कुसमुण्डा (है. में)	एसईसीएल [illegible]
1	गेवरा	102.521	21.141	[illegible]
2	खोंदरी	17.709	4.795	[illegible]
3	पड़निया	0.053	0.053	
4	घाली	0.194	0.194	
5	सोनपुरी	21.780	21.780	
	योग	142.257	47.964	

अतः निगम क्षेत्र अंतर्गत ग्रामों में परियोजना हेतु ग्राम सभा तथा [illegible] (नगरीय क्षेत्र) का प्रतिवेदन शीघ्र भेजने का कष्ट करें।

[illegible] / 2017 / भू.अ./स.अ.भू.अ./2017

प्रतिलिपि :-

1. [illegible] एसईसीएल कुसमुण्डा क्षेत्र कुसमुण्डा जिला कोरबा [illegible]
2. [illegible] एसईसीएल गेवरा क्षेत्र गेवरा जिला कोरबा [illegible]

कोरबा [illegible]

SECL/AT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(सीआईएलकीएकसहायकइकाई/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD: [illegible]
Fax: [illegible]
email: [illegible]

P.O.: GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: [illegible]

क्रमांक एस.ई.सी.एल.मप्र/गे.क्षे., पर्यावरण/2020/ 1[illegible] दिनांक [illegible]

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषय:– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 है. व खोडरी 12.913 है.-कुल रकबा 94.293 है.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ:– 1. कार्यालयीन पत्र क्रमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र क्रमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016

2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र क्रमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017

3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क्र./1639/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018

4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क्र0/518/भू.अ./स.अ.भू.अ./2018 कोरबा [illegible] 03.2018

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 है.(गेवरा 81.380 है. व खोडरी 12.913 है.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 है. (गेवरा 17.119 है. व खोडरी 4.796 है.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

SEEPAT ROAD
P.O. [illegible]
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोल इंडिया लिमिटेड की अनुषंगी / A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD [illegible]
Fax [illegible]
email [illegible]

P.O. : GEVRA PROJECT
Dist. Korba (C.G.)
Pin: 495452

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़ी झाड़ का जंगल
2		26	-	-	-	"
3		30	-	-	-	"
4		40	-	-	-	"
5		121	-	-	-	"
6		153	76.07	76.07	-	"
7		277	24.26	24.26	-	"
8		481	2.20	2.20	-	"
9		579	0.16	0.16	-	"
10		585	2.65	2.65	-	"
11		957	11.64	11.64	-	"
12		959	15.05	15.05	-	"
13		966	-	-	-	"
14		990	-	-	-	"
15		1182	108.23	68.81	39.42	"
16		1184	2.88	-	2.88	"
17		1241	0.25	0.25	-	"
	योग		243.39 (98.499 है.)	201.09 (81.380 है.)	42.30 (17.119 है.)	
18	खोडरी	40	18.52	6.67	11.85	"
19		242/1	25.14	25.14	-	"

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीसहायकइकाई A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
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	242 / 3	0.10	0.10	-	
योग		43.76 (17.709 है.)	31.91 (12.913 है.)	11.85 (4.796 है.)	
कुल योग		287.15 (116.202 है.)	233.00 (94.293 है.)		

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 है. (गेवरा 81.380 है. व खोडरी [illegible] व कुसमुण्डा परियोजना द्वारा कुल 21.915 है. (गेवरा 17.119 है. व खोडरी 4.796 है.) [illegible] का उपयोग किया जाना प्रस्तावित है। **एवं ऑनलाइन पंजीकरण प्रक्रिया के लिए** वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण **आवश्यक है** । अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

[illegible] उपरोक्त।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी)A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

STD : 07815 27[illegible]
Fax : 07815 27[illegible]
email : [illegible]

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पी0ओ0:गेवराप्रोजेक्ट
जिला कोरबा(छत्तीसगढ़)
पिन:495452

P.O.: GEVRA PROJECT
Dist: Korba (CG)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 / 291 दिनांक 08/[illegible]

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषय:– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ:–

1. कार्यालयीन पत्र कमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र कमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.[illegible] 2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि. [illegible] 03.2018
5. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से [illegible] मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा [illegible] किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु [illegible] परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा [illegible] परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना [illegible]

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीसहायकइकाई A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD 07815 275430(O)
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P.O. : GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: 495452

[illegible] (गेवरा 17.119 हे. व खोडरी 4.786 हे.) राजस्व वन भूमि का उपयोग किया जाना

[illegible] भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
2	3	4	5	6	7
गेवरा	16	-	-	-	बड़े झाड़ का जंगल
	26	-	-	-	-"-
	30	-	-	-	-"-
	40	-	-	-	-"-
	121	-	-	-	-"-
	153	76.07	76.07	-	-"-
	277	24.26	24.26	-	-"-
	481	2.20	2.20	-	-"-
	579	0.16	0.16	-	-"-
	585	2.65	2.65	-	-"-
	957	11.64	11.64	-	-"-
	959	15.05	15.05	-	-"-
	966	-	-	-	-"-
	990	-	-	-	-"-
	1182	108.23	68.81	39.42	-"-
	1184	2.88	-	2.88	-"-

SEEPAT ROAD
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BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(भारतकोकिंगकोललिमिटेड A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पोस्ट ऑफ: गेवरा प्रोजेक्ट
जिला: कोरबा (छत्तीसगढ़)
पिन:495452

Fax
email

P.O.: GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: 495452

17		1241	0.25	0.25	-	
	योग		243.39 (98.499 है.)	201.09 (81.380 है.)	42.30 (17.119 है.)	
18	खोडरी	40	18.52	6.67	11.85	
19		242/1	25.14	25.14	-	
20		242/3	0.10	0.10	-	
	योग		43.76 (17.709 है.)	31.91 (12.913 है.)	11.85 (4.796 है.)	
	कुल योग		287.15 (116.202 है.)	233.00 (94.293 है.)		

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। एवं ऑनलाइन पंजीकरण प्रक्रिया के लिए वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण आवश्यक है। अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

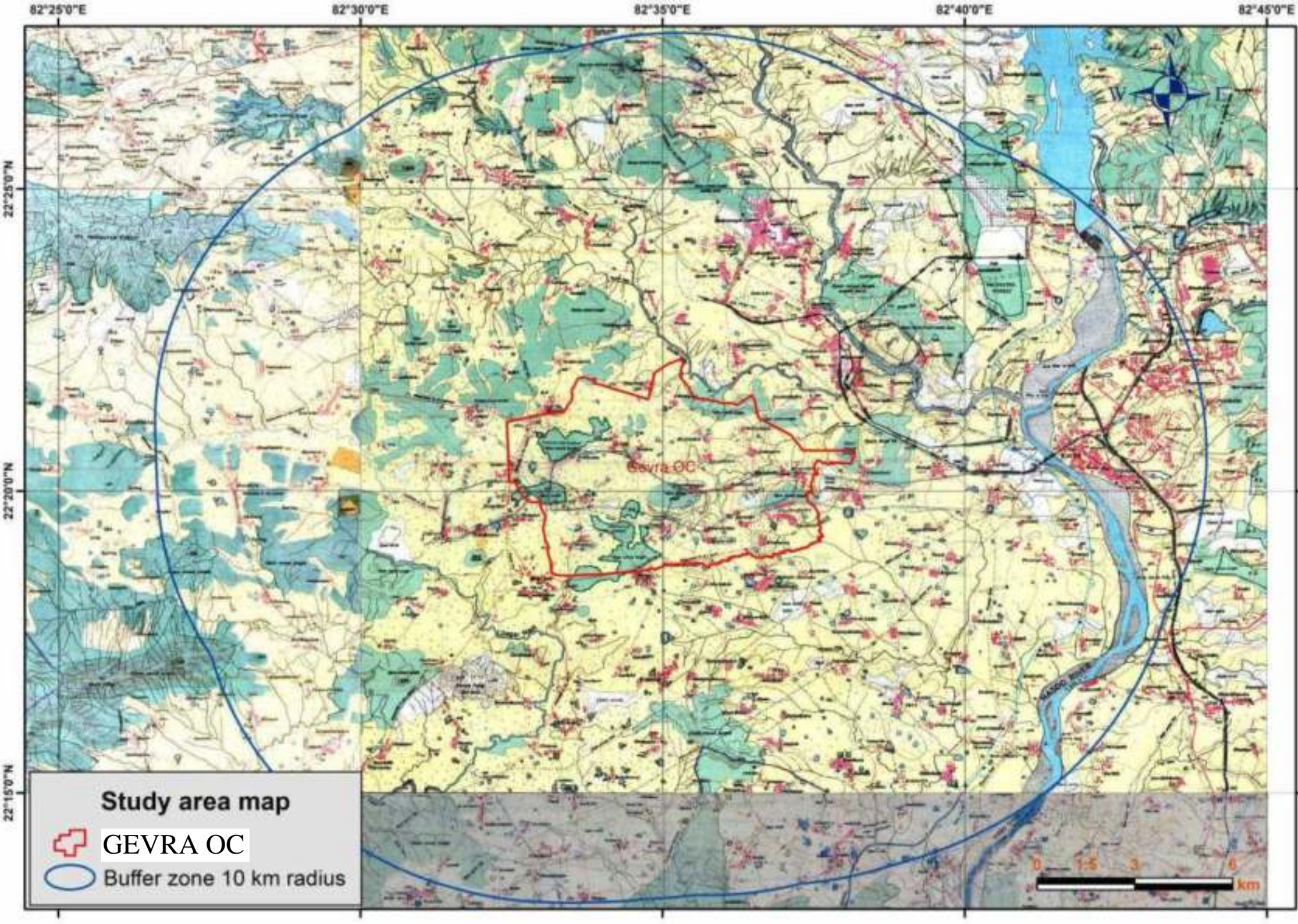
संलग्न: यथोपरि।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

चेक लिस्ट – 33

15 कि.मी. परिधि के नक्शे में खनन हेतु प्रस्तावित स्थलों का चिन्हाकन (केवल खनन प्रकरणों में)


82°25'0"E
82°30'0"E
82°35'0"E
82°40'0"E
82°45'0"E
22°25'0"N
22°20'0"N
22°15'0"N
Gevra OC
Study area map
GEVRA OC
Buffer zone 10 km radius
0
1.5
3
6
km

चेक लिस्ट – 34

वन अधिकार मान्यता पत्र वितरण की सूची एवं कलेक्टर का का अन्नापत्ति प्रमाण पत्र (यदि निरंक हो तो भी प्रमाणित होगा) भारत सरकार ,एवं वन मंत्रालय, नई दिल्ली का पत्र कमांक/F.No.11-9/1998-FC दिनांक 03.08.2009)

ग्राम सभा का ठहराव प्रस्ताव (Resolution) आवश्यक रुप से संलग्न करें।

कार्यालय अनुविभागीय अधिकारी (रा.) कटघोरा, जिला- कोरबा (छ0ग0)

क्रमांक / 3179 / अ0वि0अ0 / वन अधि./ 2022 कटघोरा, दिनांक 18/8/2022

प्रति ,

कलेक्टर
(भू अभिलेख शाखा)
जिला - कोरबा (छ0ग0)

विषय :- कोरबा जिले में कटघोरा वनमंडल अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के तहत् अनापत्ति प्रमाण पत्र बाबत्।

संदर्भ :- आपका पत्र क्रमांक /2617/भू.अ./वन.अधि./ 2021/ कटघोरा दिनांक 09.12.2021

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विषयान्तर्गत संदर्भित पत्र के माध्यम से कटघोरा वनमंडल अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत अनापत्ति प्रमाण पत्र चाही गई है।

उपखण्ड स्तरीय वनाधिकार समिति कटघोरा की बैठक दिनांक 31.07.2019 के तहत् उक्त संबंध में अनापत्ति प्रमाण पत्र जारी किया गया है। संदर्भित पत्र के माध्यम से परियोजनावार (गेवरा विस्तार परियोजना कुल रकबा 94.293 हे. एवं कुसमुण्डा परियोजना कुल रकबा 21.915 हे.) में वन संरक्षण अधिनियम 1980 के तहत् संशोधित रकबा में अनापत्ति प्रमाण पत्र हेतु लेख किया गया है।

चूंकि गेवरा विस्तार परियोजना हेतु उपखण्ड स्तरीय वनाधिकार समिति द्वारा दिनांक 31.07.2019 को जारी अनापत्ति पत्र में उल्लेखित रकबा में किसी प्रकार का कोई संशोधन नही है। अतः पुनः अनापत्ति प्रमाण पत्र जारी करने की आवश्यकता नही है। विवरण निम्नानुसार है :-

क्रमांक	ग्राम का नाम	आवेदित खसरा नं.	आवेदित कुल रकबा
1	2	3	4
1	गेवरा	153, 277, 481, 579, 585, 957, 959, 1182, 1241 (कुल ख.नं. 09)	81.380 हे.
2	खोडरी	40, 242 /1, 242 /3 (कुल ख.नं. 03)	12.913 हे.
कुल योग		कुल ख.नं. 12	94.293 हे.

अतः गेवरा खुली खदान के लिये ग्राम गेवरा एवं खोडरी स्थित उपरोक्त खसरा नंबरों की भूमि जिसका कुल रकबा 94.293 हेक्टेयर है, का वन संरक्षण अधिनियम 1980 के तहत् गैर वानिकी प्रयोजन हेतु अनापत्ति प्रमाण पत्र जारी किया जाता है तो इस कार्यालय को कोई आपत्ति नही है।

अनुविभागीय अधिकारी (रा.)
कटघोरा (छ.ग.)

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
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(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
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STD :07815 275430(O)
: 7815 275032(R)
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email :gevracmvr@gmail.com

कार्यालयः महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt. : Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 265 दिनांक 18/11/2021

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः–कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ–

1. कार्यालयीन पत्र कमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन केलिए पत्र कमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018
5. कमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. कमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. कमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020
8. कमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /291 दिनांक 08/09/2020
9. कमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /127 दिनांक 26/07/2021

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अधिदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र०	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुण्डा परियोजना के लिया आवेदित रकबा	मद
1	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़े झाड़ का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242 / 1	25.14	25.14	-	-"-
20		242 / 3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुलयोग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। एवं आनलाइन पंजीकरण प्रक्रिया के लिए वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण आवश्यक है।अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

सलग्न: यथोपरि।

भवदीय

18/11/21

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
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कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

जिला: कोरबा(छत्तीसगढ़)
पिन:495452

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पो0आ0:गेवराप्रोजेक्ट
P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / / 127 दिनांक26/07/2021

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भः–

1. कार्यालयीन पत्र कमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र कमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018
5. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020
8. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /291 दिनांक 08/09/2020

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अदेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1	2	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़े झाड़ का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242 / 1	25.14	25.14	-	-"-
20		242 / 3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुल योग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। **एवं ऑनलाइन प्रक्रिया के लिए** वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण **आवश्यक है** | अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न: यथोपरि।

भवदीय

महाप्रबंधक

एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डसलिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD [illegible]
Fax [illegible]
email [illegible]

पो.आफ गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Dist. [illegible]
Pin 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 / 291 दिनांक 04[illegible]

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषय:– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ:–

1. कार्यालयीन पत्र क्रमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र क्रमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र क्रमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क्र./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018
5. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /152 दिनांक 23/07/2019
6. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 /198 दिनांक 18/08/2019
7. क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 /186 दिनांक 11/06/2020

04-9-2020

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन [illegible] मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा [illegible] किया जाना प्रस्तावित है। पूर्व मे निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान मे संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना [illegible]

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीसहायकंपनीA subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
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पो.आ.: गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन 495452

P.O. : GEVRA PROJECT
Distt.: Korba(C.G.)
Pin: 495452

कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल.आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बडे झाड का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-

SEEPAT ROAD
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साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो0ओ0:गेवरापरियोजना
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Dist. Korba (C.G.)
Pin: 495452

17		1241	0.25	0.25	-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)
18	खोडरी	·40	18.52	6.67	11.85
19		242 / 1	25.14	25.14	-
20		242 / 3	0.10	0.10	-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)
	कुल योग		287.15 (116.202 हे.)	233.00 (94.293 हे.)	

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। एवं ऑनलाइन पंजीकरण प्रक्रिया के लिए वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण आवश्यक है। अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न. यथोपरि।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटेड
South Eastern Coalfields Limited
(कोयलाइंडियालिमिटेड की A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

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OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो.ऑफ: गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन 495452

P.O. : GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2020 / 186 दिनांक 11/06/2020

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भः– 1. कार्यालयीन पत्र कमांक 517 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक / 519 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र कमांक / एसईसीएल / मप्र / गे.क्षे. / सर्वे / आर–2 / 2017 / 426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग) का पत्र क. / 1839 / भू.अ. / वन.अधि. / 2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0 / 918 / भू.अ. / स.अ.भू.अ. / 2018 कोरबा दि.19.03.2018

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

17-6-2020

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gevratevt@gmail.com

पो0ओ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt. : Korba (C.G.)
Pin: 495452

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़े झाड़ का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 है.)	201.09 (81.380 है.)	42.30 (17.119 है.)	-"-
18	खोड़री	40	18.52	6.67	11.85	-"-
19		242/1	25.14	25.14	-	-"-

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकंपनी) (A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

STD 07815 275430(O)
7815 275032(R)
Fax 07815 275434
email: gevmanvt@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पोस्ट ऑफ: गेवरापरियोजना
जिला कोरबा(छत्तीसगढ़)
पिन 495452

P.O. : GEVRA PROJECT
Dist.: Korba (C.G.)
Pin: 495452

20		242 / 3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुल योग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। **एवं ऑनलाइन पंजीकरण प्रक्रिया के लिए** वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण **आवश्यक है** | अतः गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करे।

संलग्न: यथोपरि।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

SEEPAT ROAD
P.O. SECL
BILASPUR

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकीएकसहायकइकाई/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003461
Website : www.secl-cil.in

STD 07815 275430(O)
07815 275032(R)
Fax. 07815 275424
email: gevramovt@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो.ओ.: गेवराप्रोजेक्ट
जिला: कोरबा (छत्तीसगढ़)
पिन: 495452

P.O. : GEVRA PROJECT
Dist. : Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 / 195 दिनांक 19/08/2019

प्रति

अधीक्षक

भू-अभिलेख, (कलेक्टर कार्यालय)
कोरबा छत्तीसगढ़

विषय: कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए कुल रकबा 94.293 हे. एवं कुसमुंडा खुली खदान (रकबा 43.942 हे॰ कुल रकबा 138.235 हे) के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ: क्रमांक /1597/भू.अ/ वन अधि./2019 दिनांक 06.08.2019

महोदय

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

गेवरा और खोडरी के अलावा, कुसमुंडा ओपेनकास्ट विस्तार में अन्य खान शामिल हैं, जिनकी कुल रकबा गेवरा 17.119 हे. व खोडरी 4.796 हे मिलाकर 43.942 हेक्टेयर है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

20-8-19

94.293 Ha

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीसहायकइकाई/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in

STD :07815 275430(O)
:7815 275032(R)
Fax :07815 275434
email :gevramnt@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पोआ०: गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019/ 198 दिनांक 18/08/2019

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 43.942 हे. राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। **अतः आपसे अनुरोध है कि** गेवरा परियोजना कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना कुल 43.942 हे. के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

प्रतिलिपि:

1. वनमंडलाधिकारी कटघोरा जिला: कोरबा
2. अनुविभागीय अधिकारी (रा) कटघोरा जिला: कोरबा

22/8/19

एनईसीएल कुसमुण्डा क्षेत्र के कुसमुण्डा विस्तार ओपनकास्ट परियोजना (10-15 मी.टन/वर्ष एवं 15-50 मी.टन/वर्ष) के आवंटित राजस्व वन भूमि का विवरण

क्र.	अनुविभाग का नाम	तहसील का नाम	ग्राम का नाम	खसरा नंबर	कुल रकबा (एकड़ में)	प्रस्तावित कुल रकबा (एकड़ में)	कुसमुण्डा परियोजना के लिये आवंटित रकबा (एकड़ में)	गेवरा परियोजना के लिये आवंटित रकबा (एकड़ में)
1	2	3	4	5	6	7	8	9
1	कटघोरा	कटघोरा	गेवरा	16	2.17	निरंक	-	-
2				26	0.26	निरंक	-	-
3				30	4.59	निरंक	-	-
4				40	1.28	निरंक	-	-
5				121	1.45	निरंक	-	-
6				153	76.07	76.07	-	76.07
7				277	24.26	24.26	-	24.26
8				481	2.20	2.20	-	2.20
9				579	0.16	0.16	-	0.16
10				585	2.65	2.65	-	2.65
11				957	11.64	11.64	-	11.64
12				959	15.05	15.05	-	15.05
13				966	0.10	निरंक	-	-
14				990	0.07	निरंक	-	-
15				1182	108.23	108.23	39.42	68.81
16				1184	2.88	2.88	2.88	-
17				1241	0.25	0.25	-	0.25
			योग		253.33 (102.521 हे.)	243.39 (98.499 हे.)	42.30 (17.119 हे.)	201.09 (81.380 हे.)
18	कटघोरा	कटघोरा	कोरबी	40	18.52	18.52	11.85	6.67
19				242/1	25.14	25.14	-	25.14
20				242/3	0.10	0.10	-	0.10
			योग		43.76 (17.709 हे.)	43.76 (17.709 हे.)	11.85 (4.796 हे.)	31.91 (12.913 हे.)

अधीक्षण अभियंता कुसमुण्डा क्षेत्र | कार्यपालन अभियंता कुसमुण्डा क्षेत्र | सहायक अभियंता (वन) कुसमुण्डा क्षेत्र | क्षेत्रीय सर्वेक्षण अभियंता कुसमुण्डा क्षेत्र | सहायक अभियंता (भू.वि.) कुसमुण्डा क्षेत्र | नोडल अधिकारी (पर्यावरण) कुसमुण्डा क्षेत्र

क्र.	अनुविभाग का नाम	तहसील का नाम	ग्राम का नाम	खसरा नंबर	कुल रकबा (एकड़ में)	संशोधित कुल रकबा (एकड़ में)	कुसमुण्डा परियोजना के लिये अर्जित रकबा (एकड़ में)	गेवरा परियोजना के लिये अर्जित रकबा (एकड़ में)
21	कटघोरा	कटघोरा	पहनिया	532	0.13	0.13	0.13	-
			योग		0.13 (0.053 हे.)	0.13 (0.053 हे.)	0.13 (0.053 हे.)	-
22	कटघोरा	कटघोरा	पानी	204	0.48	0.48	0.48	-
			योग		0.48 (0.194 हे.)	0.48 (0.194 हे.)	0.48 (0.194 हे.)	-
23	कटघोरा	कटघोरा	सोनपुरी	27 / 1	13.74	13.74	13.74	-
24				294	2.22	2.22	2.22	-
25				370 / 1	8.71	8.71	8.71	-
26				431 / 1	2.41	2.41	2.41	-
27				446 / 2	0.14	0.14	0.14	-
28				446 / 3	0.74	0.74	0.74	-
29				447	11.63	11.63	11.63	-
30				491	1.53	1.53	1.53	-
31				519	4.60	4.60	4.60	-
32				574	1.15	1.15	1.15	-
33				587	0.55	0.55	0.55	-
34				591	5.00	5.00	5.00	-
35				631	1.20	1.20	1.20	-
36				638	0.20	0.20	0.20	-
			योग		53.82 (21.780 हे.)	53.82 (21.780 हे.)	53.82 (21.780 हे.)	-
			कुल योग		351.52 (142.257 हे.)	341.58 (138.235 हे.)	108.58 (43.942 हे.)	233.00 (94.293 हे.)

अधीन
कुसमुण्डा क्षेत्र

14/8/18
म. राजस्व निरीक्षक
कुसमुण्डा क्षेत्र

14/8/18
स्टाफ ऑफिसर (भू.प्र.)
कुसमुण्डा क्षेत्र

14/8/18
क्षेत्रीय सर्वेक्षण अधिकारी
कुसमुण्डा क्षेत्र

14-8-18
स्टाफ ऑफिसर (पी./पी.)
कुसमुण्डा क्षेत्र

नोडल अधिकारी (पर्सा./खन.)
कुसमुण्डा क्षेत्र

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटे
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीएकसहायकइकाई/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl.gov.in

STD :07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gcvracery@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019/ 152 दिनांक 29 /07/2019

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषयः– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भः– 1. कार्यालयीन पत्र कमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र कमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016

2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र कमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017

3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018

4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है।

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटे
South Eastern Coalfields Limited
(कोलइंडियालिमिटेडकाएकअंगA subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl.gov.in

STD :07815 275430(O)
:7815 275052(R)
Fax :07815 275434
email :gevraemvt@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पोएआ:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 / 152 दिनांक 23/07/2019

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल.आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बडे झाड का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		**243.39 (98.499 हे.)**	**201.09 (81.380 हे.)**	42.30 (17.119 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोलफिल्डस्लिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीएकसहायकंपनी/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl.gov.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gevraenvt@gmail.com

पो0आ0-गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2019 / 152 दिनांक 23/07/2019

19		242 / 1	25.14	25.14	-	-"-	
20		242 / 3	0.10	0.10	-	-"-	
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-	
	कुल योग		287.15 (116.202 हे.)	233.00 (94.293 हे.)		-"-	

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न: यथोपरि।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

प्रतिलिपि:

1.– अनुविभागीय अधिकारी (रा) कटघोरा जिला: कोरबा– सादर सूचनार्थ संप्रेषित।
2.– प्रभारी अधिकारी (एफआरए) जिला: कोरबा– सादर सूचनार्थ संप्रेषित।

कार्यालय अनुविभागीय अधिकारी (राजस्व) कटघोरा, जिला कोरबा (छ.ग.)

क्रमांक / 3822 / भू–अर्जन / अविअ / 2019 कटघोरा, दिनांक 28 / 8 / 2019

प्रति,

कलेक्टर
(भू–अभिलेख शाखा)
कोरबा

विषय :– **कोरबा जिले में कटघोरा वन मण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान हेतु (गेवरा 81.380 हे. व खोड़री 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।**

संदर्भित विषयांतर्गत कोरबा महाप्रबंधक एसईसीएल गेवरा क्षेत्र द्वारा कोरबा जिले में कटघोरा वन मण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान हेतु (गेवरा 81.380 हे. व खोड़री 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत् पत्र प्राप्त होने पर उक्त संबंध में अनुभाग कटघोरा के अंतर्गत वन अधिकार समिति के सदस्यों की बैठक दिनांक 31.07.2019 को इस कार्यालय में समय दोपहर 12.00 बजे आहुत किया गया था। वन अधिकार समिति के सदस्यों द्वारा सर्व सम्मति से प्रस्ताव पारित कर प्रतिवेदन प्रस्तुत किया गया है।.जो मूलतः संलग्न कर अग्रिम कार्यवाही हेतु सादर सम्प्रेषित है।

अनुविभागीय अधिकारी (रा.)
कटघोरा (छ.ग.)

उपखण्ड स्तरीय वन अधिकार समिति कटघोरा की बैठक दिनाक 31/07/2019

:: अनापत्ति प्रमाण पत्र ::

एस.ई.सी.एल. गेवरा खुली खदान विस्तार परियोजना के अंतर्गत कोरबा जिले के वनमंडल कटघोरा के अंतर्गत आने वाले आरक्षित / संरक्षित राजस्व वनभूमि का कुल रकबा 94.293 है. प्रभावित हो रहा है । जिसमें तहसील कटघोरा के अंतर्गत आने वाले ग्राम गेवरा का कुल खसरा नं. 9, कुल रकबा नं. 81.380 है. एवं ग्राम खोडरी का कुल रकबा 12.913 है. है । वन संरक्षण अधिनियम, 1980 के तहत प्रत्यावर्तन हेतु प्रस्तावित राजस्व वनभूमि ग्रामवार, खसरावार विवरण निम्न है -

क्र	ग्राम का नाम	आवेदित खसरा नंबर	आवेदित रकबा
1	गेवरा	153,277,481,579,585,957,959, 1182,1241	81.380है.
2	खोडरी	40,242/1, 242/3	12.913है.
	महा योग		94.293 है.

इस व्यपवर्तन प्रकरण के परिपेक्ष्य में अनुसूचित जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 नियम 2007 यथा संशोधित नियम एवं प्रावधानों पर चर्चा की गई जो राजस्व वनभूमि ग्राम गेवरा एवं खोडरी कार्य के व्यपवर्तन के लिये प्रस्तावित है, में कोई भी अधिवासी गै परंपरागत वन निवासी इस प्रश्नाधीन वन भूमि पर कृषि कार्य अवास या अन्य पारंपरिक गतिविधि सम्पादित नहीं कर रहे है एवं कोई भी वन अधिकार पत्र (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है ।

उपरोक्तानुसार उपखंड स्तरीय वन अधिकार समिति कटघोरा द्वारा सर्वसम्मति से प्रस्ताव पारित किया जाकर अनापत्ति पत्र जारी किया गया ।

अनुविभागीय अधिकारी [redacted] एवं सदस्य
अनुभाग स्तरीय वन अधिकार समिति कटघोरा

गंगोत्री 31/7/19
अध्यक्ष जनपद पंचायत पाली एवं सदस्य
अनुभाग स्तरीय वन अधिकार समिति कटघोरा

मुख्य कार्यपालन अधिकारी, जनपद पंचायत पाली अध्यक्ष
अनुभाग स्तरीय वन अधिकार समिति कटघोरा
जिला - कोरबा (छ.ग.)

31/7/19
जनपद पंचायत पाली,
जिला - कोरबा (छ. ग.)

[redacted] सदस्य
[redacted] कटघोरा

अनुविभागीय अधिकारी (रा.) कटघोरा एवं अध्यक्ष
अनुभाग स्तरीय वन अधिकार समिति कटघोरा

29/07/19
मुख्य कार्यपालन अधिकारी
जनपद पंचायत - कटघोरा
जिला - कोरबा (छ. ग.)

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेड की A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003101
Website : www.secl.gov.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

SEEPAT ROAD
P.O.: SECL
BILASPUR

STD : 07815 275430(O)
: 7815 275052(R)
Fax : 07815 275434

P.O. : GEVRA PROJECT
Distt. : Korba (C.G.)
Pin: 495452

कोयला/गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन 495452

क्रमांक एस ई.सी एल.मप्र.गे.क्षे./ पर्यावरण/2019/ 152 दिनांक 29 /07/2019

प्रति,

कलेक्टर, कोरबा
कोरबा(छ.ग.)

विषय:– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान के लिए (गेवरा 81.380 हे. व खोडरी 12.913 हे. कुल रकबा 94.293 हे.) गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ:– 1. कार्यालयीन पत्र क्रमांक 517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 व पत्र क्रमांक /519/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016
2. एसईसीएल द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र क्रमांक/एसईसीएल/मप्र/गे.क्षे./सर्वे/आर–2/2017/426 दिनांक 07.03.2017
3. प्रभारी अधिकारी(एफआरए) कोरबा(छ.ग.) का पत्र क्र./1839/भू.अ./वन.अधि./2018 कोरबा दिनांक 21.06.2018
4. अपर कलेक्टर कोरबा(छ.ग.) का पत्र क्र0/918/भू.अ./स.अ.भू.अ./2018 कोरबा दि.19.03.2018

महोदय,

उपरोक्त विषयांतर्गत लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है [illegible] के अंतर्गत निम्न विन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है। पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुण्डा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी। जो वर्तमान में संशोधित कर गेवरा विस्तार परियोजना हेतु कुल 94.293 हे.(गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 हे. (गेवरा 17.119 हे. व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है।

अवेदित भूमि का खसरावार उपयोग की जाने वाली सारिका निम्न है।

साउथईस्टर्नकोलफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेड की A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl.gov.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA
P.O. : GEVRA PROJECT
Dist. : Korba (C.G.)
Pin : 495452
STD 07815-27540(O)
7815-27502(R)
Fax 07815-275474

क्रमांक एस.ई.सी.एल./ग्रुप नो.क्षे./ पर्यावरण/2019 / 152 दिनांक 23/07/2019

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	संशोधित कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1	2.	3.	4	5	6	7
1	गेवरा	16	-	-	-	बड़े झाड़ का जंगल
2		26	-	-	-	-"-
3		30	-	-	-	-"-
4		40	-	-	-	-"-
5		121	-	-	-	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	-	-	-	-"-
14		990	-	-	-	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		243.39 (98.499 हे.)	201.09 (81.380 हे.)	42.30 (17.119 हे.)	-"-
18	खोड़री	40	18.52	6.67	11.85	-"-

साउथईस्टर्नकोलफील्डलिमिटेड
South Eastern Coalfields Limited
(कोलइंडियालिमिटेड का अनुषंगी) A subsidiary of Coal India Ltd.
CIN U10102CT1985GOI003161
Website : www.secl.gov.in
कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

SEEPAT ROAD
P.O.: SECL
BILASPUR

पो.ऑफ: गेवराप्रोजेक्ट
जिला: कोरबा (छत्तीसगढ़)
पिन: 495452

STD 07815 275430(O)
: 7815 275032(R)
Fax 07815 275434
email: gevracvt@gmail.com

P.O.: GEVRA PROJECT
Distt. Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल./मप्र.गे.क्षे./ पर्यावरण/2019 / 152 दिनांक 23/07/2019

19		242 / 1	25.14	25.14	-	-
20		242 / 3	0.10	0.10	-	-
	योग		43.76 (17.709 है.)	31.91 (12.913 है.)	11.85 (4.796 है.)	-
	कुल योग		287.15 (116.202 है.)	233.00 (94.293 है.)		-

उपरोक्तानुसार गेवरा परियोजना द्वारा कुल 94.293 है (गेवरा 81.380 है. व खोढरी 12.913 है.) व कुसमुण्डा परियोजना द्वारा कुल 21.915 है (गेवरा 17.119 है. व खोढरी 4.796 है.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है। गेवरा व खोढरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें।

संलग्न: यथोपरि।

भवदीय

महाप्रबंधक
एसईसीएल, गेवरा क्षेत्र

प्रतिलिपि:
1.- अनुविभागीय अधिकारी (रा) कटघोरा जिला: कोरबा - सादर सूचनार्थ संप्रेषित।
2.- प्रभारी अधिकारी (एफआरए) जिला: कोरबा- सादर सूचनार्थ संप्रेषित।

एसईसीएल कुसमुण्डा क्षेत्र के कुसमुण्डा विस्तार ओपनकास्ट परियोजना (10-15 मी.टन/वर्ष एवं 15-50 मी.टन/वर्ष) के अवेदित राजस्व वन भूमि का विवरण

क्र.	अनुविभाग का नाम	तहसील का नाम	ग्राम का नाम	खसरा नंबर	कुल रकबा (एकड़ में)	संशोधित कुल रकबा (एकड़ में)	कुसमुण्डा परियोजना के लिये अवेदित रकबा (एकड़ में)	गेवरा परियोजना के लिये अवेदित रकबा (एकड़ में)
1	2	3	4	5	6	7	8	9
1	कटघोरा	कटघोरा	गेवरा	16	2.17	निरंक	-	-
2				26	0.28	निरंक	-	-
3				30	4.59	निरंक	-	-
4				40	1.28	निरंक	-	-
5				121	1.45	निरंक	-	-
6				153	76.07	76.07	-	76.07
7				277	24.26	24.26	-	24.26
8				481	2.20	2.20	-	2.20
9				579	0.16	0.16	-	0.16
10				585	2.65	2.65	-	2.65
11				957	11.64	11.64	-	11.64
12				959	15.05	15.05	-	15.05
13				966	0.10	निरंक	-	-
14				990	0.07	निरंक	-	-
15				1182	108.23	108.23	39.42	68.81
16				1184	2.88	2.88	2.88	-
17				1241	0.25	0.25	-	0.25
			योग		253.33 (102.521 हे.)	243.39 (98.499 हे.)	42.30 (17.119 हे.)	201.09 (81.380 हे.)
18	कटघोरा	कटघोरा	सोढरी	40	18.52	18.52	11.85	6.67
19				242 / 1	25.14	25.14	-	25.14
20				242 / 3	0.10	0.10	-	0.10
			योग		43.76 (17.709 हे.)	43.76 (17.709 हे.)	11.85 (4.796 हे.)	31.91 (12.913 हे.)

अधीन
कुसमुण्डा क्षेत्र

14.8.18
क.जिला सर्वेक्षक
कुसमुण्डा क्षेत्र

14/8/2018
साफ अधिकारी (मु.स.)
कुसमुण्डा क्षेत्र

14/8/18
क्षेत्रीय सर्वेक्षण अधिकारी
कुसमुण्डा क्षेत्र

14.8.18
साफ अधिकारी (वी/पी.)
कुसमुण्डा क्षे

14/8/18
नोडल अधिकारी (पर्या./वन)
कुसमुण्डा क्षेत्र

क्र.	अनुविभाग का नाम	तहसील का नाम	ग्राम का नाम	खसरा नंबर	कुल रकबा (एकड़ में)	संशोधित कुल रकबा (एकड़ में)	कुसमुण्डा परियोजना के लिये आवेदित रकबा (एकड़ में)	केवरा परियोजना के लिये आवेदित रकबा (एकड़ में)
21	कटघोरा	कटघोरा	पड़निया	532	0.13	0.13	0.13	-
			योग		0.13 (0.053 हे.)	0.13 (0.053 हे.)	0.13 (0.053 हे.)	-
22	कटघोरा	कटघोरा	धानी	204	0.48	0.48	0.48	-
			योग		0.48 (0.194 हे.)	0.48 (0.194 हे.)	0.48 (0.194 हे.)	-
23	कटघोरा	कटघोरा	सोनपुरी	27 / 1	13.74	13.74	13.74	-
24				294	2.22	2.22	2.22	-
25				370 / 1	8.71	8.71	8.71	-
26				431 / 1	2.41	2.41	2.41	-
27				446 / 2	0.14	0.14	0.14	-
28				446 / 3	0.74	0.74	0.74	-
29				447	11.63	11.63	11.63	-
30				491	1.53	1.53	1.53	-
31				519	4.60	4.60	4.60	-
32				574	1.15	1.15	1.15	-
33				587	0.55	0.55	0.55	-
34				591	5.00	5.00	5.00	-
35				631	1.20	1.20	1.20	-
36				636	0.20	0.20	0.20	-
			योग		53.82 (21.780 हे.)	53.82 (21.780 हे.)	53.82 (21.780 हे.)	-
			कुल योग		361.52 (142.257 हे.)	341.58 (138.235 हे.)	108.58 (43.942 हे.)	233.00 (94.293 हे.)

अधीन
कुसमुण्डा क्षेत्र

ए. राजस्व निरीक्षक
कुसमुण्डा क्षेत्र

स्टाफ ऑफिसर (भू.रा.)
कुसमुण्डा क्षेत्र

क्षेत्रीय सर्वेक्षण अधिकारी
कुसमुण्डा क्षेत्र

स्टाफ ऑफिसर (वो.प.सी.)
कुसमुण्डा क्षेत्र

नोडल अधिकारी (पर्या./वन)
कुसमुण्डा क्षेत्र

राजस्व दक्षिण कोलफील्ड्स लिमिटेड
South Eastern Coalfields Limited

PO GEVRA PROJECT

OFFICE OF THE
GENERAL MANAGER
GEVRA AREA

Details of Revenue Forest Land to be diverted under forest conservation Act 1980 (II)

Sl.No.	Village	Khasra No.	Area in Hect.	Remark
1	Gevra	153	30.785	BJJ
2		277	9.818	BJJ
3		481	0.890	BJJ
4		579	0.065	BJJ
5		585	1.072	Jungle
6		957	4.711	BJJ
7		959	6.091	Jungle
8		1182 (P)	27.847	Jungle
9		1241	0.101	BJJ
Sub Total-			81.380	
10	Khodri	40 (P)	2.699	Jungle
11		242/1	10.174	BJJ
12		242/3	0.040	BJJ
Sub Total-			12.913	
Grand Total			94.293	

Area Survey Officer
Gevra Area

Nodal Officer (Env.& Forest)
Gevra Area

Nodal Officer (L&R)
Gevra Area

General Manager
Gevra Area

संयुक्त स्थल जांच प्रतिवेदन

विषय: कोरबा जिले में कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा क्षेत्र के गेवरा खुली खदान विस्तार परियोजना के लिए (ग्राम: गेवरा – 81.380 हे. ग्राम: खोडरी – 12.913 हे. कुल रकबा 94.293 हे.) राजस्व वनभूमि के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम, 1980 एवं अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के अंतर्गत संशोधित अनापत्ति प्रमाण पत्र जारी करने बाबत् संयुक्त स्थल जांच प्रतिवेदन।

सन्दर्भ: (1) डिप्टी कलेक्टर कोरबा का पत्र क्रमांक / 1080 / भू.अ. / म.अ.भू.अ. / 2017 / कोरबा दिनांक 31.03.2017।

(2) अनुविभागीय अधिकारी (रा.) कटघोरा का पत्र क्रमांक / 1594 / अविभ / भू-अर्जन / 2017 कटघोरा दिनांक 10.04.2017।

कोरबा जिले में कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा क्षेत्र के गेवरा खुली खदान विस्तार परियोजना के लिए (ग्राम: गेवरा – 81.380 हे. ग्राम: खोडरी – 12.913 हे. कुल रकबा 94.293 हे.) राजस्व वनभूमि के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम, 1980 एवं अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के अंतर्गत संशोधित अनापत्ति प्रमाण पत्र हेतु संदर्भित पत्रों द्वारा वन अधिकार पत्र वितरण, विशेष पिछड़ी जाति निवासरत एवं शासन द्वारा संचालित कोई सुविधा जैसे आंगनवाड़ी, आंगन बाड़ी भवन, पंचायत भवन, पाठशाला भवन इत्यादि के संबंध में संयुक्त स्थल जांच प्रतिवेदन मांगी गई है। दिनांक 20.04.2017 को एसईसीएल गेवरा क्षेत्र, राजस्व विभाग छत्तीसगढ़ शासन एवं वन विभाग छत्तीसगढ़ शासन के अधिकारियों की उपस्थिति में संयुक्त स्थल जांच किया गया। संयुक्त स्थल जांच प्रतिवेदन निम्नानुसार है।

परिक्षेत्र सहायक
दीपका

20.04.17

20/4/17
वरिष्ठ प्रबंधक / नोडल अधिकारी

20

डहाक अधिकारी (भू. राजस्व)
एसईसीएल, गेवरा क्षेत्र
Staff Officer (L&R)
SECL, Gevra Area

20/04/2017

20/04/17

एम. एल. केवर्त
पटवारी
पटवारी हल्का नं. [illegible]
तह. कटघोरा जिला-कोरबा (छ.ग.)

क्र.	अनुविभाग का नाम	तहसील का नाम	ग्राम का नाम	खसरा नंबर	कुल रकबा (एकड़ में)	वन अधिकार मान्यता पत्र धारक का नाम	गैबरा परियोजना के लिये आवेदित रकबा (एकड़ में)
1	2	3	4	5	6	7	8
1				16	2.17		-
2				26	0.28		-
3				30	4.59		-
4				40	1.28		-
5				121	1.45		-
6				153	76.07		76.07
7				277	24.26		24.26
8				481	2.20		2.20
9	कटघोरा	कटघोरा	गैबरा	579	0.16	निरंक	0.16
10				585	2.65		2.65
11				957	11.64		11.64
12				959	15.05		15.05
13				966	0.10		-
14				990	0.07		-
15				1182	108.23		58.81
16				1184	2.88		-
17				1241	0.25		0.25
			योग		253.33 (102.521 हे.)		201.09 (81.380 हे.)
18				40	18.52		6.67
19	कटघोरा	कटघोरा	खोडरी	242/1	25.14	निरंक	25.14
20				242/3	0.10		0.10
			योग		43.76 (17.709 हे.)		31.91 (12.913 हे.)
			कुल		297.09 (120.23)		233.00 (94.293 हे.)

आवेदित खसरा नं. एवं रकबा में वन अधिकार पत्र वितरण नहीं किया गया है तथा वितरण हेतु योग्य नहीं है विशेष पिछड़ी जन जाति निवासरत नहीं है एवं आगत द्वारा संचालित कोई सुविधा जैसे अस्पताल, आंगन बाड़ी भवन, पंचायत भवन, पाठशाला भवन इत्यादि नहीं होना पाया गया है।

अतः एसईसीएल गेवरा क्षेत्र द्वारा आवेदित भूमि कुल रकबा 94.293 हेक्टेयर राजस्व वन भूमि गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम, 1980 एवं अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के अंतर्गत अनापत्ति प्रमाण पत्र दिया जाना उचित प्रतीत होता है।

सहायक
कोयला

एम. एल. कैवर्त
पटवारी
प.ह.नं. 21/ए.2 ... रा.नि.मं.
तह. कटघोरा, जिला-कोरबा

272
22/4/17

12049
21/4/17

कार्यालय अनुविभागीय अधिकारी (राजस्व) कटघोरा, जिला कोरबा (छ.ग.)

क्रमांक / 1594 / अविअ / भू-अर्जन / 2017 कटघोरा, दिनांक 10/04/2017

प्रति,

1. वनमण्डलाधिकारी
   वनमण्डल कटघोरा
   नायब तहसीलदार
   ~~कटघोरा~~ दीपका

विषय :- कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान (रकबा 94.293 है.) एवं एसईसीएल कुसमुण्डा खुली खदान (कुल रकबा 47.964, कुल रकबा 142.257 है. के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ :- कलेक्टर (भू-अभिलेख शाखा), कोरबा का पत्र क्र./1060/भू.अ./स.अ./2017 कोरबा दिनांक 31.03.2017

संदर्भित विषयांतर्गत कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान हेतु ग्राम गेवरा, खोड़री अंतर्गत कुल रकबा 94.293 है. एवं एसईसीएल कुसमुण्डा खुली खदान हेतु ग्राम गेवरा, खोड़री, पंडनिया, पाली, सोनपुरी अंतर्गत कुल रकबा 47.964 है. कुल रकबा 142.257 है. के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत् प्रतिवेदन चाहा गया है।

अतः उक्त संबंध में दिनांक 20/4/2017 को संयुक्त स्थल निरीक्षण कर प्रतिवेदन सहित वन अधिकार पत्र वितरण एवं शेष के संबंध में जानकारी कार्यालय को भिजवाने का कष्ट करें।

अनुविभागीय अधिकारी
कटघोरा

क्रमांक 1595 / भू-अर्जन / अविअ / 2017 कटघोरा, दिनांक 10/4/2017

कलेक्टर एवं जिला दण्डाधिकारी कोरबा की सूचनार्थ सादर प्रेषित।
मुख्य कार्यपालन अधिकारी, जनपद पंचायत कटघोरा को उक्त प्रतिवेदन उपलब्ध कराने हेतु प्रेषित।
महाप्रबंधक एसईसीएल गेवरा/कुसमुण्डा को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

कार्यालय कलेक्टर (भू–अभिलेख शाखा), जिला– कोरबा (छ.ग.)

क्र./ 1080 /भू.अ./स.अ.भू.अ./2017 कोरबा, दिनांक 31/3/2017

प्रति,

1. वनमण्डलाधिकारी
   कटघोरा
2. अनुविभागीय अधिकारी (रा.)
   कटघोरा
   जिला–कोरबा(छ.ग.)

विषय :– कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एसईसीएल गेवरा खुली खदान(रकबा 94.293 हे.) एवं एसईसीएल कुसमुण्डा खुली खदान(कुल रकबा 47.964) कुल रकबा 142.257 हेक्टेयर के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत्।

संदर्भ :– 1. महाप्रबंधक एसईसीएल गेवरा क्षेत्र कोरबा का पत्र कमांक/एसईसीएल/मप्र/गे.क्षे./पर्यावरण/2017/338 दिनांक 08.03.2017।
2. महाप्रबंधक एसईसीएल कुसमुण्डा क्षेत्र कोरबा का पत्र कमांक SECL/GM/KA/17/318 Date 17.03.2017।

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संदर्भित पत्रों की छायाप्रति संलग्न कर भेजी जा रही है, कृपया अवलोकन करने का कष्ट करें। कार्यालयीन पत्र कमांक/517/भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17.02.2016 तथा कमांक 519 दिनांक 17.02.2016 के द्वारा एसईसीएल कुसमुण्डा को कुसमुण्डा खुली खदान विस्तार हेतु 142.257 हेक्टेयर राजस्व वन भूमि का अनापत्ति प्रमाण पत्र तथा एफआरए प्रमाण पत्र जारी किया गया था।

महाप्रबंधक एसईसीएल गेवरा एवं कुसमुण्डा द्वारा जारी 142.257 हेक्टेयर को विभाजन कर अलग–अलग दो परियोजना हेतु संशोधित प्रमाण पत्र बाबत् निवेदन किया है, जो निम्न है :–

क्र	ग्राम का नाम	कुल रकबा (हे. में)	एसईसीएल कुसमुण्डा (हे. में)	एसईसीएल गेवरा (हे. में)
1	गेवरा	102.521	21.141	81.380
2	खोडरी	17.709	4.796	12.913
3	पड़निया	0.053	0.053	–
4	पाली	0.194	0.194	–
5	सोनपुरी	21.780	21.780	–
	योग	142.257	47.964	94.293

अतः उक्त परियोजना हेतु राजस्व वन भूमि पर गैर वानिकी प्रयोजन एवं अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के तहत् प्रमाण पत्र हेतु ग्राम सभा ठहराव प्रस्ताव, संयुक्त स्थल जांच, खण्ड स्तरीय वन अधिकार समिति का अनुमोदन प्रस्ताव सहित अभिमत **परियोजना अनुसार** शीघ्र इस कार्यालय को भेजने का कष्ट करें।

संलग्न :– उपरोक्तानुसार।

डिप्टी कलेक्टर
कोरबा (छ०ग०)

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पृ. क्र. 1080/A भू.अ. / स.अ.भू.अ. / 2017 कोरबा दिनांक 31/3/2017

प्रतिलिपि :-

1. महाप्रबंधक एसईसीएल कुसमुण्डा क्षेत्र कुसमुण्डा जिला कोरबा की ओर सूचनार्थ।
2. महाप्रबंधक एसईसीएल गेवरा क्षेत्र गेवरा जिला कोरबा की ओर सूचनार्थ।

डिप्टी कलेक्टर
कोरबा (छ०ग०)

ADD (Env) 5

Regd. Office:
SECL ROAD,
P.O.: SECL
BILASPUR

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साउथ ईस्टर्न कोलफिल्डस् लिमिटेड
South Eastern Coalfields Limited
कोल इण्डिया का एक अंग/A subsidiary of Coal India Ltd.)
CIN U10102CT1985GO1003161
Website : www.secl.gov.in

GRAM: GEVRA COAL
STD: 07815 275430(O)
07815 275032(R)
Fax: 07815 275434
e-mail – noemvgevra@gmail.com

कार्यालय: महाप्रबंधक, गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

पो.आ.- गेवरा प्रोजेक्ट
जिला- कोरबा (छत्तीसगढ़)
पिन:495452

P.O.: GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक /एस.ई.सी.एल /मप्र /गे.क्षे./ पर्यावरण / 2017 / 338 दिनांक 09 /03/17

प्रति,

कलेक्टर, कोरबा

जिला - कोरबा (छ.ग.)

विषय :- कोरबा जिले के कटघोरा वनमण्डल के अंतर्गत एस.ई.सी.एल. गेवरा खुली खदान के लिए (गेवरा **102.521 हे.** व खोडरी **17.709 हे.** कुल रकबा **120.23**) के गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत संशोधित प्रमाण पत्र जारी करने बाबत ।

संदर्भ - (1) आपके कार्यालयीन पत्र क्रमांक / 517 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016 व पत्र क्रमांक / 519 / भू.अ. / स.अ.भू.अ. / 2016 कोरबा दिनांक 17.02.2016 .

(2) एस.ई.सी.एल. द्वारा उपरोक्त वनभूमि का उपयोग किये जाने हेतु खसरावार विभाजन के लिए पत्र क्रमांक / एसईसीएल / मप्र / गे क्षे / सर्वे / आर-2/2017 / 426 दिनांक 07.03.2017.

महोदय,

उपरोक्त विषयांतर्गत यह लेख है कि गेवरा परियोजना का विस्तार 35 मिलियन टन से 70 मिलियन टन किया गया है जिसके अंतर्गत निम्न चिन्हांकित राजस्व वन भूमि गेवरा द्वारा उपयोग किया जाना प्रस्तावित है । पूर्व में निम्नांकित सभी राजस्व वन भूमि के उपयोग हेतु कुसमुंडा परियोजना को अनापत्ति प्रमाण पत्र प्रदान की गई थी । वर्तमान में राजस्व वनभूमि का उपयोग कुसमुंडा विस्तार परियोजना एवं गेवरा विस्तार परियोजना द्वारा किया जाना प्रस्तावित है ।आवेदित भूमि का खसरावार उपयोग की जाने वाली तालिका निम्न है ।

क्र.	ग्राम का नाम	आवेदित खसरा नंबर	कुल आवेदित रकबा	गेवरा परियोजना के लिया आवेदित रकबा	कुसमुंडा परियोजना के लिया आवेदित रकबा	मद
1.	2.	3.	4	5	6	7
1	गेवरा	16	2.17	-	2.17	बडे झाड का जंगल
2		26	0.28	-	0.28	-"-
3		30	4.59	-	4.59	-"-
4		40	1.28	-	1.28	-"-
5		121	1.45	-	1.45	-"-
6		153	76.07	76.07	-	-"-
7		277	24.26	24.26	-	-"-
8		481	2.20	2.20	-	-"-
9		579	0.16	0.16	-	-"-
10		585	2.65	2.65	-	-"-
11		957	11.64	11.64	-	-"-
12		959	15.05	15.05	-	-"-
13		966	0.10	-	0.10	-"-
14		990	0.07	-	0.07	-"-
15		1182	108.23	68.81	39.42	-"-
16		1184	2.88	-	2.88	-"-
17		1241	0.25	0.25	-	-"-
	योग		253.33 (102.521 हे.)	201.09 (81.380 हे.)	52.24 (21.141 हे.)	-"-
18	खोडरी	40	18.52	6.67	11.85	-"-
19		242 / 1	25.14	25.14	-	-"-
20		242 / 3	0.10	0.10	-	-"-
	योग		43.76 (17.709 हे.)	31.91 (12.913 हे.)	11.85 (4.796 हे.)	-"-
	कुल योग		297.09 (120.230)	94.293 हे.	25.937 हे.	-"-

उपरोक्त तालिका के अनुसार गेवरा परियोजना द्वारा कुल 94.293 हे. (गेवरा 81.380 हे. व खोडरी 12.913 हे.) व कुसमुंडा परियोजना द्वारा कुल 25.937 हे.(गेवरा 21.141 हे.व खोडरी 4.796 हे.) राजस्व वन भूमि का उपयोग किया जाना प्रस्तावित है । गेवरा व खोडरी के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत गैर वानिकी प्रयोजन हेतु आवश्यक संशोधित अनापत्ति प्रमाण पत्र व अनुसूचित जनजाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत आवश्यक संशोधित अनापत्ति प्रमाण पत्र जारी करने का कष्ट करें ।

भवदीय

8/3/17

महाप्रबंधक

एस.ई.सी.एल. गेवरा क्षेत्र

संलग्न - यथोपरि

SECL/CGM/KSM AREA
Recd No. 1350
Date 29-02-16

प्रदर्श – 'स'

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी, कोरबा छत्तीसगढ़

//प्रमाण पत्र//

क्र./519 /भू.अ./स.अ.भू.अ./2016

कोरबा दिनांक 17/2/2016

मैसर्स महाप्रबंधक एसईसीएल कुसमुण्डा को कुसमुण्डा खुली खदान विस्तार परियोजना कार्य हेतु कोरबा जिला में कोरबा वनमण्डल के गेवरा, खोडरी, पड़निया, पाली, सोनपुरी (रकबा क्रमशः 102.521 हे0, 17.709 हे0, 0.053 हे0, 0.194 हे0, 21.780 हे0 कुल रकबा 142.257 हेक्टेयर) गांव के राजस्व वन भूमि के व्यपवर्तन हेतु कुल रकबा 142.257 हेक्टेयर के प्रकरण में अनुसूचित जनजाति एवं अन्य परंपरागत 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 संपूर्ण प्रकिया का पालन कर अधिकारों को स्थापित किया गया है तथा संपूर्ण क्षेत्र की वन भूमि 0.00 हेक्टेयर एवं राजस्व वन भूमि 142.257 हेक्टेयर जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम गेवरा, खोडरी, पड़निया, पाली, सोनपुरी तहसील कटघोरा में स्थित है में तदनुसार कार्यवाही पूर्ण की गई है।

ग्राम सभा की बैठक एवं उसमें पारित प्रस्ताव दिनांक 16.02.2016, 16.02.2016, 16.02.2016, 16.02.2016, (प्रदर्श 'अ') एवं वन तथा राजस्व विभाग का संयुक्त जांच प्रतिवेदन (प्रदर्श 'ब') पर दर्शित है।

2. प्रमाणित किया जाता है कि उक्त प्रकरण में ग्राम सभा की बैठकें दिनांक 16.02.2016 को ग्राम खोडरी में सरपंच श्री लक्ष्मण सिंह कंवर, ग्राम पड़निया में सरपंच श्री हीरालाल, ग्राम पाली में सरपंच श्री संतराम तथा ग्राम सोनपुरी में सरपंच श्री भोपाल सिंह की अध्यक्षता में हुई। उक्त सभी ग्रामों में ग्राम सभा तथा वन ग्राम समिति के 50% से अधिक सदस्य उपस्थित थे। जिनको प्रस्तावित परियोजना के क्रियान्वयन एवं प्रकरण के पूर्ण विवरण तथा प्रभाव से अवगत कराकर विस्तार से हिन्दी एवं स्थानीय भाषा में समझाईश दी गयी। यह पाया गया कि इस क्षेत्र में उपरोक्त अधिनियम के तहत वन अधिकार की मान्यता पत्र की पात्रता रखने वाले कोई भी व्यक्ति नहीं है।
3. ग्राम गेवरा नगर पालिक निगम क्षेत्रांतर्गत होने से आयुक्त नगर पालिक निगम कोरबा से अभिमत लिया गया। जिसमें उनके द्वारा कोई आपत्ति नहीं होने का लेख है।

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NO (Forest) HQ

4. यह प्रमाणित किया जाता है कि जो भी चर्चा एवं निर्णय लिये गये उसमें ग्राम सभा के न्यूनतम 50% सदस्यों की उपस्थिति का कोरम पूर्ण था।
5. यह प्रमाणित किया जाता है कि ग्राम खोडरी, पड़निया, पाली, सोनपुरी में संयुक्त सत्यापन प्रतिवेदन दिनांक 16.02.2016 एवं सभी ग्रामों के ग्राम सभा के ठहराव प्रस्ताव दिनांक 16.02.2016 के अनुसार ऐसे विलुप्त प्राय जनजाति समूह (पीटीजी) 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) अंतर्गत विशेष रूप से संरक्षित रखना है।
6. संयुक्त सत्यापन प्रतिवेदन ग्राम खोडरी, पड़निया, पाली, सोनपुरी एवं दिनांक 16.02.2016 को ग्राम सभा के संकल्पो 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।

(पी. दयानंद)
कलेक्टर
कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष –जिला वन अधिकार समिति
जिला – कोरबा (छत्तीसगढ़)

पृ.क्र./520 /भू.अ./स.अ.भू.अ./2016 कोरबा, दिनांक 17/2/2016

प्रतिलिपि :–

1. सचिव, छत्तीसगढ़ शासन राजस्व एवं आपदा प्रबंधन विभाग, मंत्रलय महानदी भवन नया रायपुर की ओर सादर सूचनार्थ।
2. वनमण्डलाधिकारी कटघोरा की ओर सूचनार्थ।
3. अनुविभागीय अधिकारी (रा.) कटघोरा की ओर सूचनार्थ।
4. महाप्रबंधक एसईसीएल कुसमुण्डा क्षेत्र कुसमुण्डा की ओर सूचनार्थ।

कलेक्टर
कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष –जिला वन अधिकार समिति
जिला – कोरबा (छत्तीसगढ़)

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी, कोरबा छत्तीसगढ़

क्र./517 /भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17/2/2016

प्रति,

सचिव,
छत्तीसगढ़ शासन,
राजस्व एवं आपदा प्रबंधन विभाग,
मंत्रालय,
महानदी भवन, नया रायपुर (छ.ग.)

विषय :- कोरबा जिले में कटघोरा वनमण्डल के अंतर्गत एसईसीएल कुसमुण्डा वन क्षेत्र के कुसमुण्डा खुली खदान विस्तार परियोजना हेतु 142.257 हे0 राजस्व वन भूमि के गैर वानिकी प्रयोजन बाबत् अनापत्ति प्रमाण पत्र जारी करने विषयक।

संदर्भ :- महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा क्षेत्र का पत्र क्र. Reff.Mo./SECL/GM/KA/ 15-16/273, दिनांक 04.01.2016।

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विषयांतर्गत कृपया संदर्भित पत्र का अवलोकन करने का कष्ट करें। महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा द्वारा कुसमुण्डा खुली खदान विस्तार परियोजना हेतु ग्राम मेवरा, खोडरी, सोनपुरी, पाली, पड़निया में कुल रकबा 142.257 हे0 राजस्व वन भूमि पर गैर वानिकी प्रयोजन हेतु वन संरक्षण अधिनियम 1980 के तहत अनापत्ति प्रमाण पत्र बाबत् निवेदन किया गया है।

अनुविभागीय अधिकारी रा. कटघोरा से प्राप्त प्रतिवेदन अनुसार :-

क्र	ग्राम का नाम	आवेदित खसरा नंबर	आवेदित रकबा	मद	अन्य विवरण
1	-2	3	5	6	7
1	मेवरा	16	2.17	बड़े झाड़ का जंगल	
2		26	0.28	—"—	—
3		30	4.59	—"—	—
4		40	1.28	—"—	—
5		121	1.45	—"—	—
6		153	76.07	—"—	—
7		277	24.28	—"—	—
8		481	2.20	—"—	—
9		579	0.16	—"—	—
10		585	2.65	—"—	—
11		957	11.64	—"—	—

//2//

12		959	15.05	बड़े झाड़ का जंगल	–
13		966	0.10	–"–	–
14		990	0.07	–"–	–
15		1182	108.23	–"–	–
16		1184	2.88	–"–	–
17		1241	0.25	–"–	–
	योग		253.33 (102.521 हे0)		
18	खोकरी	40	18.52	–"–	–
19		242/1	25.14	–"–	–
20		242/3	0.10	–"–	–
	योग		43.76 (17.709 हे0)		
21	पडनिया	532	0.13 (0.053)	–"–	–
22	पाली	204	0.48 (0.194)	–"–	–
23	सोनपुरी	27/1	13.74	–"–	–
24		294	2.22	–"–	–
25		370/1	8.71	–"–	–
26		431/1	2.41	–"–	–
27		446/2	0.14	–"–	–
28		446/3	0.74	–"–	–
29		447	11.63	–"–	–
30		491	1.53	–"–	–
31		519	4.60	–"–	–
32		574	1.15	–"–	–
33		587	0.55	–"–	–
34		591	5.00	–"–	–
35		631	1.20	–"–	–
36		636	0.20	–"–	–
	योग		53.82 (21.780 हे0)		
	कुल योग		351.52 (142.257 हे0)		

उपरोक्त आवेदित नंबरो के संबंध में संक्षम विभाग को निम्नेलिखित शर्तो के अधीन अनापत्ति प्रमाण पत्र जारी किया जाता है।

1. यह अनापत्ति प्रमाण पत्र केवल एसईसीएल कुसमुण्डा खुली खदान परियोजना हेतु उपयोग के अतिरिक्त अन्य प्रयोजन के लिए नहीं।
2. कुसमुण्डा, खुली खदान परियोजना के निर्माण में किसी प्रकार की क्षति होती है, तो इसकी संपूर्ण जवाबदारी आवेदक-संस्थान की होगी।
3. इस अनुमति के द्वारा विभाग के स्वामित्व का हस्तांतरण नहीं किया जा रहा है।

4. खुली खदान परियोजना में प्रभावित होने वाले वृक्षों को काटे जाने की अनुमति सक्षम न्यायालय/विभाग से लिया जाना होगा।
5. आवेदित भूमि पर सीमांकन उपरांत शासन द्वारा निर्मित/संचालित भवन स्थित होने पर संबंधित भवन का मूल्यांकन उपरांत मूल्यांकित राशि छत्तीसगढ़ शासन को देय होगी।
6. खुली खदान परियोजना में वन संरक्षण अधिनियम लागू होने पर संबंधित विभाग से अनुमति लेना अनिवार्य होगा।
7. सीमांकन उपरांत आवेदित क्षेत्र में वन अधिकार पत्र वितरण होना पाया जाता है तो उक्त स्थिति में छत्तीसगढ़ शासन की पुनर्वास नीति 2007 का उचित पालन एवं वन अधिकार पत्र धारियो के उचित व्यवस्थापन किये जाने की शर्त पर अनापत्ति प्रमाण पत्र दिया जाता है।

(पी. दयानंद)
कलेक्टर
कलेक्टर
कोरबा (छत्तीसगढ़)

पृ. क्र./518 /भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 17/2/2016

प्रतिलिपि :-

1. वन मण्डलाधिकारी, कटघोरा की ओर सूचनार्थ।
2. अनुविभागीय अधिकारी (रा.)कटघोरा की ओर सूचनार्थ।
3. महाप्रबंधक एस.ई.सी.एल. कुसमुण्डा क्षेत्र, कुसमुण्डा की ओर सूचनार्थ।

कलेक्टर
कोरबा (छत्तीसगढ़)

प्रदश–"ब"

ग्राम सभा ...खोड़री... की बैठक दिनांक ...16/02/16.

का कार्यवाही विवरण

ग्राम ...खोड़री...

स्थान ...सी. भवन...

दिनांक .....

आज दिनांक 16/02/2016 को ग्राम ...खोड़री... के सरपंच श्री/श्रीमती लक्ष्मन सिंह कंवर ..... की अध्यक्षता में ग्राम सभा की बैठक आहूत की गयी। इस बैठक में ग्राम सभा एवं वन समिति के ...50/... सदस्य .....प्रतिशत उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई:–

1. ग्राम ...खोड़री... में आवेदक ...S.E.C.L. बिशपुर... ने (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु ...17.709... हे. वन भूमि .....–..... हे. राजस्व वन भूमि, कुल ...17.709... हे. वन भूमि की मांग की गई है। इस प्रस्ताव बाबद विस्तृत चर्चा की गयी।

2. प्रस्ताव के लक्ष्य, उद्देश्य एवं उक्त प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबद ग्राम सभा की बैठक में विस्तार से गहन चर्चा की गयी।

3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि ....कार्य के व्यपवर्तन के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस प्रस्तावीत वन भूमि पर कृषि कार्य, आवास या अन्य पारम्परिक गतिविधि नहीं संपादित कर रहे हैं एवं कोई भी वन अधिकार (व्यक्तिगत या सामुदायिक) किसी आदिवासी या गैर परंपरागत वनवासी को इस प्रस्तावित वन भूमि पर नहीं दिया गया है।

अथवा

निम्न आदिवासी / गैर परंपरागत वनवासी व्यक्तियों को वन अधिकार मान्यता पत्र वितरित किया गया है:

क्र.	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम.	रकबा (हे.में)
	खोड़री	निरंक	–

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि ...17.709... हे. वन भूमि / .....हे. राजस्व वन भूमि, कुल योग ...17.709... हे. वन भूमि को गैर वानिकी प्रयोजन हेतु मेसर्स ...S.E.C.L. बिशपुर... (आवेदक).....को अन्य प्रचलित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जावे।

लक्ष्मन सिंह
अध्यक्ष

सचिव
ग्राम पंचायत - खोड़री
जन.पंचा. - कटघोरा
जिला-कोरबा (छ.ग.)

हस्ताक्षर .....

नाम..... सीताकंवर

सरपंच.....

सरपंच
ग्राम पंचायत - खोड़री
जन.पंचा. - कटघोरा
जिला-कोरबा (छ.ग.)

सील

उपस्थित सदस्य गण:

क्रमांक नाम हस्ताक्षर / अंगूठा निशान

"संयुक्त स्थल जांच प्रतिवेदन"

एसईसीएल कुसमुण्डा क्षेत्र के खुली खदान विस्तार परियोजना हेतु ग्राम खोड़री के रकबा 17.709 है. राजस्व वन भूमि का राजस्व विभाग एवं वन विभाग के अधिकारी द्वारा दिनांक 16/2/2016 को संयुक्त जांच किया गया।

1. आवेदित राजस्व वन भूमि रकबा 17.709 हे. में कोई विलुप्त जनजाति (पीटीजी) के सदस्य निवासरत नहीं है एवं आवेदित भूमि के व्यपवर्तन से प्रभावित नहीं हो रहा है।
2. व्यपवर्तन के लिए प्रस्तावित रकबा 17.709 हे. पर अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संयुक्त जांच का विवरण निम्नानुसार :-

ग्राम का नाम	खसरा नंबर	रकबा
खोड़री	40	18.32
	242/1, 242/3	25.14
	2	43.76
		17.709

16/2/2016 वेस्टवारी पी.के. सिंह तंवर प.ह.न. ... तहसील - कटघोरा जिला - कोरबा (छ.ग.)

16/2/2016 रा०नि० रीवा

16/2/2016

16/2/2016

16/02/2016

वन परिक्षेत्र अधिकारी
वन परिक्षेत्र कटघोरा

स्पीड पोस्ट

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी कोरबा (छ.ग.)

क्र./ 457/ भू.अ./स.अ.भू.अ./2016

कोरबा दिनांक 11-2-2016

//प्रमाण पत्र//

प्रदर्श "स"

मेसर्स महाप्रबंधक एसईसीएल कुसमुण्डा को खुली खदान परियोजना कार्य हेतु कोरबा जिला में कटघोरा वनमंडल के गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, बरकुटा, गेवरा(भैंसमाखार), मनगांव ग्राम के राजस्व वन भूमि व्यपवर्तन हेतु(रकबा क्रमशः 195.97, 96.18, 117.35, 179.38, 24.67, 46.66, 90.60, 50.27, 178.96, 14.08 कुल रकबा 995.72 एकड़) कुल रकबा 402.966 हेक्टेयर राजस्व वन भूमि के प्रकरण में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी(वन अधिकारों की मान्यता) अधिनियम, 2006 वन पालन प्रतिवेदन।

1. प्रमाणित किया जाता है कि अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 में नियत सम्पूर्ण प्रकिया का पालन कर अधिकारों को स्थापित किया गया है तथा सम्पूर्ण प्रस्तावित क्षेत्र की वन भूमि 0.000 है, एवं राजस्व वन भूमि 402.966 हेक्टेयर जो इस कार्य हेतु व्यपवर्तित की जानी है तथा ग्राम गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, बरकुटा, गेवरा(भैंसमाखार), मनगांव तहसील कटघोरा में स्थित है, में तदनुसार यह कार्यवाही पूर्ण की गयी है। ग्राम सभा की बैठक एवं उसमें पारित प्रस्ताव दिनांक 20.01.2016 (प्रदर्श–"अ") एवं वन तथा राजस्व विभाग का संयुक्त जॉच प्रतिवेदन (प्रदर्श–"ब") पर दर्शित है।

2. प्रमाणित किया जाता है कि उक्त प्रकरण का प्रस्ताव बरकुटा ग्राम के सरपंच श्रीमति कमला बाई की अध्यक्षता में हुई ग्राम सभा की बैठक दिनांक 20.01.2016 में रखा गया था एवं इसमें 50 प्रतिशत ग्राम सभा के तथा ग्राम वन समिति के सदस्य उपस्थित थे, जिनको परियोजना के क्रियान्वन एवं प्रकरण के पूर्ण विवरण तथा प्रभाव से अवगत करा कर विस्तार से समझाईश हिन्दी एवं स्थानीय भाषा में दी गयी है। यह पाया गया कि इस क्षेत्र में उपरोक्त अधिनियम के तहत वन अधिकार की मान्यता की पात्रता रखने वाले व्यक्ति नहीं है।

3. ग्राम गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, गेवरा(भैंसमाखार), मनगांव कुल रकबा 382.622 हेक्टेयर, नगर पालिक निगम क्षेत्र होने के कारण आयुक्त नगर पालिक निगम से अभिमत लिया गया है।

4. अभिमत अनुसार 402.966 हेक्टेयर राजस्व वन भूमि पर व्यपवर्तन में कोई आपत्ति नहीं होने का लेख है।

5. यह प्रमाणित किया जाता है कि जो भी चर्चा एवं निर्णय लिए गए उसमें ग्राम सभा के न्यूनतम 50 प्रतिशत सदस्यों की उपस्थिति का कोरम पूर्ण था।

6. यह प्रमाणित किया जाता है कि संयुक्त सत्यापन प्रतिवेदन दिनांक 20.01.2016 एवं ग्राम सभा के ठहराव प्रस्ताव दिनांक 20.01.2016 अनुसार ऐसे विलुप्तप्राय जनजाति समूह (पी. टी.जी) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन वन भूमि पर निवासरत नहीं है, जिनका वन अधिकार " अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006" की धारा 3 (1) (e) अंतर्गत विशेष रूप से संरक्षित रखना है।

7. संयुक्त सत्यापन प्रतिवेदन 20.01.2016 एवं ग्राम सभा के दिनांक 20.01.2016 के संकल्पों के आधार यह प्रमाणित किया जाता है कि व्यपवर्तन के लिए प्रस्तावित वन भूमि पर अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम,2006" की धारा 3 (2) अंतर्गत शासन द्वारा संचालित कोई विद्यमान नही है।

संलग्न– उपरोक्तानुसार

10/02/16

(पी.दयानन्द)
कलेक्टर
कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष–जिला वन अधिकार समिति
जिला कोरबा छत्तीसगढ़

पृ. क्र/458/ भू.अ./स.अ.भू.अ./2016 कोरबा दिनांक 11.2.2016

प्रतिलिपि–

1. सचिव, राजस्व एवं आपदा प्रबंधन विभाग मंत्रालय महानदी भवन नया रायपुर की ओर सादर सूचनार्थ।
2. वन मण्डलाधिकारी कटघोरा की ओर सूचनार्थ।
3. अनुविभागीय अधिकारी (रा0) कटघोरा की ओर सूचनार्थ।
4. तहसीलदार कटघोरा की ओर सूचनार्थ।
5. महाप्रबंधक एसईसीएल कुसमुण्डा क्षेत्र, कुसमुण्डा की ओर सूचनार्थ।

कलेक्टर
कलेक्टर
कोरबा (छत्तीसगढ़)
अध्यक्ष–जिला वन अधिकार समिति
जिला कोरबा छत्तीसगढ़

कार्यालय, नगर पालिक निगम, कोरबा (छ.ग)

मुख्य शाखा : साकेत भवन आई. [illegible] ई. चौक, कोरबा (छत्तीसगढ़)

मु.का. दूरभाष 221268, 222672, फैक्स : 07759-[illegible], पो. बाक्स नं. : 12 पिन कोड 495677

Website : www.korbamunicipal.in, E[illegible]rporationkorba@gmail.com

क्र.क्र. / योजना / 2016 28079 कोरबा, दिनांक 08/02/16

प्रति,

कलेक्टर,
कोरबा(छ.ग.)

विषयः- अनुसूचित जनजाति एवं अन्य परम्परागत वन-निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत वन भूमि का प्रत्यावर्तन हेतु अनापत्ति प्रमाण पत्र प्रदाय करने बाबत्।

संदर्भः- 1. आपका पत्र क्रमांक-/348/भ-अभि./स.अ.भू.अ./2016 कोरबा दिनांक 02.02.2016,
2. आपका पत्र क्रमांक-/395/भ-अभि./स.अ.भू.अ./2016 कोरबा दिनांक 06.02.2016

एस.ई.सी.एल.कुसमुण्डा खुली खदान विस्तार परियोजना कार्य हेतु कोरबा जिले में कटघोरा वन मंडल के ग्राम गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, भैसमाखार गांव के राजस्व भूमि व्यपवर्तन हेतु 304.496 हेक्टेयर राजस्व वन भूमि के प्रकरण में अनुसूचित जाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 का पालन प्रतिवेदन।

1. प्रमाणित किया जाता है कि ग्राम गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, भैसमाखार जो वार्ड क्र. 59, 60 एवं 62, नगर पालिक निगम कोरबा के अंतर्गत आते है।
2. उपरोक्त भूमि पर वर्तमान में नगर पालिक निगम, कोरबा की कोई योजना प्रस्तावित नही है। अतः महाप्रबंधक, एस.ई.सी.एल. कुसमुण्डा क्षेत्र को ग्राम गेवरा, मनगांव, दुरपा, बरपाली, दुरलापुर, जरहाजेल, खम्हरिया, भैसमाखार जो वार्ड क्र. 59, 60 एवं 62, नगर पालिका निगम कोरबा में खुली खदान विस्तार परियोजना हेतु 304.496 हेक्टेयर राजस्व वन भूमि पर व्यपवर्तन हेतु नगर पालिक निगम कोरबा को कोई आपत्ति नही है।

8/2/16
आयुक्त
नगर पालिक निगम
कोरबा (छ.ग.)

कार्यालय नगर पालिक निगम, कोरबा (छत्तीसगढ़)
निर्माण – सांकेत भवन, आई.टी.आई.चौक, कोरबा (छ0ग0)
दूरभाष : 221288, 222672, फैक्स : 07759–221929, पो.बाक्स नं. 12 पिन कोड – 495677
Website : www.korbamunicipal.in, Email : corporationkorba@gmail.com

फा.क्र./7898/निर्माण/2015/24788 कोरबा, दिनांक 05.01.2016

प्रति,

अपर कलेक्टर,
कलेक्टर कार्यालय (भू–अभिलेख शाखा),
जिला – कोरबा (छ.ग.)

विषय :– कोरबा जिले में कटघोरा वन मण्डल के अंतर्गत एस.ई.सी.एल. कुसमुण्डा क्षेत्र के कुसमुण्डा परियोजना खुली खदान के राजस्व वन भूमि के प्रत्यावर्तन प्रस्ताव में आदिमजाति एवं अन्य परम्परागत वन निवासी अधिनियम (FRA) 2006 के अंतर्गत ग्राम सभा/नगर पालिक निगम के सभा आयोजित करवाने हेतु।

संदर्भ :– आपका पत्र क्र (भू–अभिलेख शाखा) जिला कोरबा का पत्र क्र. 2496/भू.अ./स.अ.भू.अ./2015 दिनांक 18.11.2015, पत्र क्र. 2500/भू.अ./स.अ.भू.अ./2015 दिनांक 18.11.2015 एवं पत्र क्र. 2504/भू.अ./स.अ.भू.अ./2015 दिनांक 18.11.2015।

विषयान्तर्गत संदर्भित पत्रानुसार नगर पालिक निगम कोरबा में सम्मिलित एस.ई.सी.एल. कुसमुण्डा क्षेत्रान्तर्गत आने वाले ग्रामो की सूची निम्नानुसार है।

1. गेवरा
2. मनगॉव
3. दूरपा
4. बरपाली
5. दुरलापुर
6. जरहाजेल
7. खम्हरिया
8. भैसमाखार

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

Under Jurisdiction of Bilaspur Court Ltd.

साऊथ ईस्टर्न कोलफील्ड्स लिमिटेड
South Eastern Coalfields Limited
(Wholly Owned Sub. Co. of Coal India Ltd.)

कार्यालय महाप्रबंधक गेवरा क्षेत्र

Gram: GEVRA COAL
P.B.X.: 275619
TELE: 275430 (O), 275030 (R), 275432 (R), 275030 (H), 275615-275
FAX:
P.O.: GEVRA PROJECT
Dist: Korba (C.G.) 495450

OFFICE OF THE
GENERAL MANAGER
GEVRA AREA

Ref. SECL/GM/GA/SLR/R-2/2017 / 426

Date : 07.03.2017

To,

The General Manager (P&P)
SECL, Bilaspur.

Sub: **Village-wise Bifurcation of Land to be used as per PR of 70 MTY Gevra Project & 50 MTY Kusmunda Project within All Right Acquired under CBA (A&D) Act. 1957. Notified Under Section 7 (i) vide SO NO. 2002 (E) New Delhi , 20th July 2015.**

Dear Sir,

Please find enclosed herewith the village-wise bifurcation of land in the village- Gevra, Khodan & Churail to be used as per PR of 70 MTY Gevra Project & 50 MTY Kusmunda Project within All Right Acquired under CBA (A&D) Act 1957 Notified Under Section 7 (i) vide SO NO. 2002 (E) New Delhi , 20th July 2015 by Kusmunda Area for South Eastern Coalfields Limited.

Encl. : Village wise details of land

Yours Faithfully

General Manager
Gevra Area

Cc to
Director Technical (P&P), SECL Bilaspur for kind information.
General Manager, Kusmunda Area
General Manager (L&R), SECL Bilaspur
Area Survey Officer, Gevra Area

SOUTH EASTERN COALFIELDS LIMITED

LAND AQUIRED AS ALL RIGHT UNDER CBA (A&D) ACT. 1957 BY KUSMUNDA AREA

SO NO. 2002(E) NEW DELHI,20TH JULY 2015(SECTION 7(I))

Village wise Bifurcation of Land to be used for 70 MTY Gevra Project & 50 MTY Kusmunda Project

(Village - Gevra (P), Khodri & Churail)

Fig In Acre / Hect

Sl. No	Village	Gevra 70 MTY			Kusmunda 50 MTY			Total			Grand Total	
		T/L	G/L	F/L	T/L	G/L	F/L	T/L	G/L	F/L	In Acre	In Hect.
1	Gevra (P)	897.26	78.06	215.14	9.63	1.17	42.3	906.89	79.23	257.44	1243.56	503.262
2	Khodri	20.91	6.33	31.91	196.10	31.79	11.85	217.01	38.12	43.76	298.89	120.959
3	Churail	14.77	16.60	0.00	194.47	68.78	0.00	209.24	85.38	0.00	294.62	119.231
	Total	932.94	100.99	247.05	400.2	101.74	54.15	1333.14	202.73	301.2	1837.07	743.452

Area Survey Officer
Gevra Area

Nodal Officer (Env.&Forest)
Gevra Area

Nodal Officer (L & R)
Gevra Area

Area Survey Officer
Kusmunda Area

Nodal Officer (Env.&Forest)
Kusmunda Area

Nodal Officer (L & R)
Kusmunda Area

General Manager
Gevra Area

General Manager
Kusmunda Area

SEEPAT ROAD
P.O.: SECL
BILASPUR

साउथईस्टर्नकोल्डफिल्डलिमिटेड
South Eastern Coalfields Limited
(कोलइण्डियालिमिटेडकीएकसहायकइकाई A subsidiary of Coal India Ltd.)
CIN U10102CT1985GOI003161
Website : www.secl-cil.in
कार्यालयः महाप्रबंधक,गेवरा क्षेत्र
OFFICE OF THE GENERAL MANAGER
GEVRA AREA

STD :07815 275430(O)
: 7815 275032(R)
Fax :07815 275434
email :gevracsvt@gmail.com

पो0आ0:गेवराप्रोजेक्ट
जिला: कोरबा(छत्तीसगढ़)
पिन:495452

P.O. : GEVRA PROJECT
Distt.: Korba (C.G.)
Pin: 495452

क्रमांक/एस.ई.सी.एल/मप्र/गे.क्षे./ पर्यावरण/2021 / 211 दिनांक 07/10/2021

वचन पत्र

साउथ ईस्टर्न कोल फील्ड्स लिमिटेड गेवरा क्षेत्र, जिला–कोरबा (छ.ग.) लिखित रुप से वचन पत्र प्रस्तुत करता है कि गेवरा खुली खदान के विस्तार हेतु वन भूमि में कार्य करने के लिये भारत सरकार द्वारा जो भी प्रत्याशा मूल्य निर्धारित की जायेगी वो शर्त मान्य करने बाध्य रहेगा।

7/10/21
महाप्रबंधक
एस.ई.सी.एल. गेवरा क्षेत्र