

## AGENDA ITEM NO. 10

F. No. 8-36/2010-FC

### **Diversion of 778.23 ha of forest land for coal mining project in favour of M/s Rohne Coal Company Private Limited in Hazaribagh West Forest Division of Hazaribagh district of Jharkhand.**

The proposal for diversion of 778.23 ha of forest land for coal mining project in favour of M/s Rohne Coal Company Private Limited in Hazaribagh West Forest Division of Hazaribagh district of Jharkhand was discussed in the meeting of Forest Advisory Committee (FAC) held on 15<sup>th</sup> May 2012 where in the FAC had discussed various aspects of the proposal with Shri A.K. Sarkar, Additional Chief Secretary, Forest, Environment & Mines, Govt. of Jharkhand, Shri A.K. Singh, PCCF Jharkhand and Shri A.K. Malhotra, PCCF (Wildlife) Jharkhand and Dr. R.K. Singh, WWF India. The committee has desired following information for the State Govt.:

- i. The State Government may submit its comments on the report to the Sub-Committee of FAC that had inspected Rohne Coal block during March 3-4, 2012. A copy of the report was made available with officers of the State Government present in the meeting. However, a copy is enclosed for ready reference.
- ii. A report on settlement of rights under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 and that the certificate required as per the guidelines dated 3.08.2009 issued by the Ministry may be furnished to the Ministry.
- iii. State Government should submit a plan of phased mining and effective monitoring mechanisms for mining. The State should also explore possibility of underground mining.

The State Government has now furnished its comments on the report of Sub-Committee of FAC and the same may kindly be seen at Annexure-1.

The proposal was discussed in the Meeting of the FAC on 17<sup>th</sup> & 18<sup>th</sup> September, 2012, wherein the Committee desired that the proposal be placed before it again when Integrated Wildlife Management and Biodiversity Conservation and Management Plan for the area is submitted by the State Govt.

Hon'ble MEF in her note on page 23-24/n has directed that the case be placed before the FAC for the consideration without waiting for the wildlife plan as this can be done simultaneously and the user agency can give undertaking to abide by the conditions.

Accordingly, the proposal is placed before the FAC.

Fact sheet of the proposal is also enclosed.

## Annexure-I

**कार्यालय :- प्रधान मुख्य वन संरक्षक – सह – कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड राँची ।**

पत्रांक :- 528

दिनांक :- 03/07/2012

सेवा में,

प्रधान मुख्य वन संरक्षक,  
झारखण्ड राँची ।

विषय :- मेसर्स रोहणे कोल कम्पनी प्रा0 लि0 के पक्ष में हजारीबाग पश्चिमी एवं रामगढ़ वन प्रमंडल के 778.23 हे0 वन भूमि अपयोजन संबंधी प्रस्ताव के संबंध में।

प्रसंग :- 1) भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र संख्या **F. No. 8-36/2010 FC** दिनांक 31.05.2012.

2) वन एवं पर्यावरण विभाग, झारखण्ड सरकार का पत्रांक 2365 दिनांक 09.06.12.

3) इस कार्यालय का पत्रांक 484 दिनांक 16.06.12.

महाशय,

इस कार्यालय का प्रसंगाधीन पत्र के द्वारा वांछित सूचनाएँ समर्पित की गई थी । आपके साथ हुये विमर्श के अनुसार वन सलाहकार समिति, वन एवं पर्यावरण मंत्रालय, भारत सरकार से प्राप्त पत्र के आलोक में सभी बिन्दुओं पर बिन्दुवार प्रतिवेदन निम्नवत समर्पित किया जाता है :-

Sl. No.	Items	Comments of Nodal Officer (PCCF – Cum – ED)
(i)	The State Govt. may submit its comments on the report to the subcommittee of FAC that had inspected Rohne Coal block during March 3 – 4, 2012. A copy of the report was made available with Officers of the State Govt. present in the meeting.	इस संबंध में प्रतिवेदन निम्नवत समर्पित की जाती है।

Para No.	Observation of Sub-committee of FAC, MOEF, Govt. of India. (March 2012)	Reply of User Agency (RCCL) on recommended by Sub-committee submitted vide letter No. 27 dt. 28.06.12.	Comments of Nodal Officer (PCCF – Cum – ED)
<b>3.0</b>	<b><u>Recommendations</u></b>		
3.1	Conservation of Bio diversity: The sub-committee observed that from the point of view of preserving the wildlife corridor, the forest area falling on the western side of the brown line drawn in lease polygon (Annexure – 4) should not be considered for diversion for the time being. The diversion of	Acceptable.  Please refer the attached map as <b>Annexure-I</b> .	FAC की उप समिति द्वारा की गई अनुशंसा से सहमत होते हुये उप-समिति के प्रतिवेदन (सानुलग्नक संलग्न) में Lease polygon (Annexure – 4) में दर्शायी गई Brown line के पश्चिमी भाग को वन भूमि के वन्य प्राणी कोरीडोर के रूप में सुरक्षित रखने के दृष्टिकोण से उप समिति के प्रतिवेदन सानुलग्नक संलग्न को प्रधान मुख्य वन संरक्षक, जैव विविधता संरक्षण एवं मुख्य वन्य प्राणी प्रतिपालक, झारखण्ड राँची को भेजा जा सकता है। ताकि नार्थकर्णपुरा कोल क्षेत्र हेतु तैयार की जा रही Integrated Wildlife Management and Biodiversity Conservation & Management Plan में उप समिति की

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	the remaining area could be considered subject fulfillment of the following conditions and mitigative measures that need to be undertaken for the long term conservation of wildlife in the area. Some of these conditions pertain to the general landscape of the area and to proposal for diversion likely to come up for consideration in future;		अनुशंसाओं को समाविष्ट करते हुये Plan तैयार की जा सके । प्रयोक्ता अभिकरण द्वारा उप समिति की अनुशंसा संख्या – 3.1 स्वीकार करते हुये समर्पित अनुपालन प्रतिवेदन के <b>अनुलग्नक-I</b> में उप समिति द्वारा प्रस्तावित <b>Wildlife Corridor</b> द्वारा <b>Brown line</b> के पश्चिमी भाग में पड़ने वाली 211.23 हे० प्रस्तावित वन भूमि को तत्काल छोड़कर प्रथम चरण में 567.00 हे० वन भूमि अपयोजन की स्वीकृति देने का अनुरोध किया गया है। इस अनुशंसा से वन विभाग द्वारा सहमती दी जा सकती है।
3.1(1)	The Ministry should impose standard conditions in respect of reclamation of mined area, fencing, protection of streams from pollution point of view, checking soil erosion, stabilization of slopes, construction of check dams etc., top soil management, creation and maintenance of compensatory afforestation implementation of wildlife conservation plan, realization of Net Present Value (NPV) of the diverted forest land as applicable to mining projects, Selection of species for plantation should be made on the basis of scientific survey of local flora and plantation of non-endemic species should be avoided.	Acceptable.  Undertaking is enclosed as <b>Annexure – II.</b>	उप समिति की अनुशंसा संख्या 3.1(1) द्वारा खनन क्षेत्र के पुनर्वास, क्षेत्र का घेरान, नदी नालों का प्रदूषण से बचाने का सुरक्षात्मक कार्य, भू- क्षरण को रोकने संबंधी कार्य, Slopes के Stabilization, चेक डैम का निर्माण कार्य, Top Soil का Management, क्षतिपूरक वनरोपण एवं उसका रख रखाव, वन्य प्राणी संरक्षण योजना का क्रियान्वयन एवं NPV की वसूली संबंधी भारत सरकार द्वारा लगाई जाने वाली मानक शर्तों के अनुपालन हेतु प्रयोक्ता अभिकरण द्वारा वचनबद्धता दी गई है जो <b>अनुलग्नक –II</b> पर संलग्न है । इस शर्त से सहमति दी जा सकती है। क्षतिपूरक वनरोपण हेतु प्रजातियों का चुनाव स्वीकृत कार्य योजना अथवा working scheme के अनुसार किया जायगा।

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3.1(2)	<p>The exact boundary of wildlife corridor in the landscape between Palamu Tiger Reserve and Hazaribagh WLS should be delineated by using recent satellite imagery and managed through a wildlife management plan. The Wildlife Management Plan prepared by the User Agency accordingly needs revision.</p>	<p>In this regard, Government of Jharkhand, Department of Forests &amp; Environment, has already constituted an expert committee vide Notification No. Wildlife – 09/2010 – 3296/WL, Ranchi dated 27.08.2011 (Copy enclosed as <b>Annexure – III</b>) for Integrated Mitigation Plan for North Karanpura area. So no separate report on Wildlife Management Plan is needed.</p> <p>We wish to submit that, vide letter dated 16.10.09 CWLW, Jharkhand has recommended the project for grant of EC subject to the proponent participation in a Regional WL Conservation Plan. (Copy enclosed as <b>Annexure – IV</b>).</p> <p>We have already given an undertaking to Chief Wildlife Warden (CWLW), Jharkhand vide our letter No. RCCPL/2009/63 dated 26.10.2009 (copy enclosed as <b>Annexure - V</b>) that we will bear the proportionate cost of the comprehensive wildlife conservation plan being prepared for implementation in the North Karanpura area, Hazaribagh District, Jharkhand.</p>	<p>वन विभागीय अधिसूचना संख्या – वन्य प्राणी – 09/2010–3296/WL, दिनांक 27.08.2011 (<b>अनुलग्नक – III</b>) द्वारा नार्थ कर्णपुरा क्षेत्र के लिये गठित विशेषज्ञ समिति को F.A.C. की उप-समिति की अनुशंसा संख्या 3.1 (2) के अनुपालन हेतु प्रधान मुख्य वन संरक्षक, जैव विविधता संरक्षण एवं मुख्य वन्य प्राणी प्रतिपालक, झारखण्ड राँची को अनुरोध किया जा सकता है। पलामू ब्याघ्र परियोजना एवं हजारीबाग वन्य प्राणी आश्रयणी के बीच Wildlife corridor के चिन्हित हेतु कार्य CMPDI, Ranchi अथवा JSAC द्वारा किया जा सकता है। जिसे <b>Integrated Wildlife Management and Biodiversity Conservation &amp; Management Plan of North Karanpura</b> में समाविष्ट किया जायेगा। इस Conservation Plan पर आने वाली खर्च का वहन <b>Proportionately</b> विभिन्न प्रयोक्ता अभिकरण द्वारा किया जायेगा। प्रधान मुख्य वन संरक्षक, जैव विविधता संरक्षण एवं मुख्य वन्य प्राणी प्रतिपालक, झारखण्ड राँची के पत्रांक 710 दिनांक 16.10.2009 (<b>अनुलग्नक –IV</b>) द्वारा प्रयोक्ता अभिकरण को पर्यावरण स्वीकृति प्रदान करने की अनुशंसा सशर्त दी गई है। प्रयोक्ता अभिकरण द्वारा वचनबद्धता दी गई है जो <b>अनुलग्नक – V</b> के रूप में संलग्न है।</p>
3.1(3)	<p>Till the delineation of corridor is completed, no mining should be allowed in at least eight coal blocks, viz. Babupara</p>	<p>To be complied by the State Forest Department.</p>	<p>जबतक प्रस्तावित <b>Wildlife Corridor</b> का delineation नहीं हो जाता है तबतक रोहणे (अंश) सहित 8 (आठ) कोल – ब्लॉक जो उक्त Corridor के क्षेत्र में पड़ता है, पर खनन कार्य की अनुमति नहीं दिये जाने</p>

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	Block (part), Rautpara A, Rautpara B, Rautpara, Rohne (part) etc. which falls within the said corridor.		के शर्त पर सहमति दी जा सकती है ।
3.1(4)	Progressive mining and successive restoration plan must be geo-referenced and developed in GIS domain. The restored area should be immediately returned to the forest department.	<p>All coal mines shall adopt Mine Closure Plan (MCP) comprising progressive closure plan, successive restoration plan &amp; final closure plan duly approved by the competent authority as per circular No. 55011-01-2009-CPAM, Govt. of India, Ministry of Coal, dated 27<sup>th</sup> August, 2009.</p> <p>The Mine Closure Plan (MCP) for Rohne Project has been prepared by RQP based on the circular/guidelines dated 27.08.2009 of Govt. of India, Ministry of Coal.</p> <p>MCP for Rohne Project has been approved by Ministry of Coal, govt. of India vide letter No.34011/11/2011-CPAM dated 16.11.2011. (Copy enclosed as <b>Annexure- VI</b>). However, this condition will be complied with as per the guidelines of Ministry of Coal issued time to time.</p> <p>Undertaking is enclosed as <b>Annexure – VII</b>.</p>	<p>FAC की उप समिति द्वारा अनुशंसा संख्या – 4 जो Progressive mining तथा Successive restoration plan को GIS Domain में Geo reference कर प्रयोक्ता अभिकरण द्वारा समर्पित करने हेतु तथा restored area को वन विभाग को वापस करने की शर्त पर सहमति दी जा सकती है ।</p> <p>उप समिति की अनुशंसा संख्या – 3.1 (4) के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – VII</b> पर दी गई है।</p>
3.1(5)	Explosives should not be stored near the forest area of corridor.	Undertaking is enclosed as <b>Annexure – VIII</b> .	उप समिति की अनुशंसा संख्या – 3.1 (5) के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – VIII</b> पर दी गई है, शर्त से सहमति दी जा सकती है।
3.1(6)	During night time, the	Undertaking is enclosed as	उप समिति की अनुशंसा संख्या – 3.1 (6)

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	use of heavy earth movers, machinery and drilling operation should be avoided to minimize ground vibration. To minimize glare to open sky in night, proper lighting system should be used.	<b>Annexure – IX.</b>	के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – IX</b> पर दी गई है, शर्त से सहमति दी जा सकती है ।
3.1(7)	While removing the overburden, the top soil should be removed and stored in such a way that it should preserve germplasm of local species and while reclamation the same should be used.	We will abide by the condition.  Reclamation and afforestation will be done in accordance with approved mine plan.  Undertaking is enclosed as <b>Annexure – X.</b>	उप समिति की अनुशंसा संख्या – 3.1 (7) के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – X</b> पर दी गई है, शर्त से सहमति दी जा सकती है ।
3.1(8)	As per the mining plan, the user agency is supposed to start mining from the easternmost portion of the lease boundary and reclaim the same first. The reclamation of mined land should be planned in such a way that the reclaimed area could be developed as an alternate wildlife corridor.	Reclamation and afforestation will be done in accordance with approved mine plan.  For the safe passage of wild animals following steps will be taken:  a) The quarry will be fenced all along the boundary as stipulated in the DGMS regulations and local forest guidelines.  b) Reclamation of the mined out area will be developed as an alternate wildlife corridor in such way that gentle surface slope will be maintained & tree plantation will be done as per guidelines. This will serve as pathway for movement of wild	इस अनुशंसा के अनुपालन के संबंध में प्रयोक्ता अभिकरण द्वारा विस्तृत सूचना दी गई है तथा खनन के पश्चात Mined out Area को Alternative Wildlife Corridor बनाने हेतु तदनुसार Reclamation करने की शर्त पर सहमति दी जा सकती है । प्रयोक्ता अभिकरण को Mined out Area के Reclamation के क्रम में भूमि का Slope को gentle रखने एवं वृक्षारोपण करने की शर्त रखी जा सकती है ताकि वन्य प्राणी द्वारा Alternative Wildlife Corridor के रूप में उपयोग किया जा सके ।

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		animals.	
3.2	<b>Resettlement &amp; Rehabilitation:</b>		
3.2(1)	A Social Impact Assessment should be undertaken by a reputed independent agency, e.g. Xavier Institute of Social Sciences (XISS), Ranchi, to evaluate the full extent of villagers' forest and land dependence and to plan for an equivalent or superior livelihood package for individual family members.	<p>M/s Asian Institute for Sustainable Development, Ranchi (a reputed independent agency run by Prof. Hemendra Sinha, HOD-Research &amp; Planning, XISS, Ranchi &amp; engaged for SIA/SEC work for Rohne Project in collaboration with Xavier Institute of Social Sciences, Ranchi) has been appointed by us vide our work order ref. No. RCCPL/R&amp;R/SIA/02 dated 29.03.2012 for conducting Socio-economic Survey (SEC) and Social Impact Assessment (SIA).</p> <p>Detailed survey report covers number of land dependence and the plan for an equivalent or superior livelihood package for individual family members.</p>	<p>प्रयोक्ता अभिकरण द्वारा इस अनुशंसा के अनुपालन में सूचित किया गया है कि मेसर्स Asian Institute for Sustainable Development, Ranchi को यह भार सौंपा गया है जो XISS राँची के Collaboration से यह कार्य संपादित करेंगे ।</p>
3.2(2)	In addition to providing a job to one family member, the user agency should provide an inflation-adjusted annuity starting at Rs. 15,000 to each remaining male and female member above 18 years of age for the period of the project.	<p>The Expert Appraisal Committee (EAC) (P&amp;T Projects), MoEF, GoI has recommended the project for Environmental Clearance vide letter dated 15.02.2010 (Copy enclosed as <b>Annexure - XI</b>).</p> <p>We are agreed to any other better R&amp;R conditions imposed provided it is being followed by other adjoining mining project proponents namely GVK, CCL etc.</p> <p>A comparative statement of</p>	<p>प्रयोक्ता अभिकरण के द्वारा सहमति दिया गया है कि कोई भी बेहतर R &amp; R के संबंधित शर्त उन्हें स्वीकार्य है, यदि पास के अन्य खनन प्रयोक्ता संस्था जैसे GVK, CCL आदि पर लागू हो । विस्थापितों हेतु दी जाने वाली बेहतर R &amp; R शर्त पर सहमति दी जा सकती है ।</p>

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		RCCPL's R&R package with National R&R Policy 2007, Govt. of Jharkhand R&R Policy 2008 and CCL's R&R Policy is enclosed as <b>Annexure – XII</b> for ready reference.	
3.2(3)	Instead of being optional CSR activities, higher education and vocational training on an adequate scale should be included in the R&R package.	On the directives of the Expert Appraisal Committee (T&C Projects) for Environmental Clearance of the project, we have already been committed that Capital expenditure of Rs. 22.50 Crs. and Revenue expenditure of Rs. 4.0 Crs or Rs. 5.0/ tonne of coal extracted (whichever is higher) would be made for CSR activities. However, as desired by the EAC, we have given an undertaking to make provision for an additional amount of Rs. 30.0 lakhs towards establishment of two schools which includes higher education and vocational training.	इस शर्त से सहमति दी जा सकती है ।
3.2(4)	Effective monitoring of R&R implementation is likely to be a challenge. An independent agency should be appointed for a period of at least three years. The agency should report directly to the District Collector twice a year. The agency should aim to promote greater awareness among the affected population so that they can monitor R&R implementation	Acceptable.	संबंधित उपायुक्त द्वारा स्वतंत्र एजेन्सी को तीन वर्ष तक के लिये R&R के प्रभावी कार्यान्वयन हेतु अनुश्रवण करने की शर्त लगाई जा सकती है ।



Para No.	Observation of Sub-committee of FAC, MOEF, Govt. of India. (March 2012)	Reply of User Agency (RCCL) on recommended by Sub-committee submitted vide letter No. 27 dt. 28.06.12.	Comments of Nodal Officer (PCCF – Cum – ED)
	themselves.		
3.2(5)	In order to offset the loss of fuel for displaced villagers, the user agency should provide free coal or, preferably, cooking gas.	Undertaking is enclosed as <b>Annexure – XIII.</b>	उप समिति की अनुशंसा संख्या 3.2 (5) के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – XIII</b> पर दी गई है। इस शर्त पर सहमति दी जा सकती है।
3.2(6)	In order to prevent further forest deterioration, the user agency should provide free cooking fuel to migrant workers' families (estimated to be more than a thousand).	Undertaking is enclosed as <b>Annexure – XIV.</b>	उप समिति की अनुशंसा संख्या 3.2 (6) के अनुपालन हेतु वचनबद्धता <b>अनुलग्नक – XIV</b> पर दी गई है। इस शर्त पर सहमति दी जा सकती है।
3.2(7)	Stage - II clearance should be conditional upon the adoption of a revised R&R plan with enhanced compensation and effective monitoring along the lines suggested above.	<p>The Expert Appraisal Committee (EAC) (P&amp;T Projects), MoEF, GoI has recommended the project for Environmental Clearance vide letter dated 15.02.2010 (Copy enclosed as <b>Annexure - XI</b>).</p> <p>On the directives of EAC, revised conceptual R&amp;R plan has already been submitted to EAC (T&amp;C Projects) MoEF vide our letter No. RCCPL/2010/10 dated 02.03.2010, which is accepted by EAC (T &amp; C Projects), MoEF, GoI. However, if revised in future, same will be complied.</p>	<p>प्रयोक्ता अभिकरण ने सूचित किया है कि वन एवं पर्यावरण मंत्रालय, भारत सरकार द्वारा गठित EAC के निर्देशानुसार R&amp;R योजना पुनरीक्षित कर पुनः समर्पित की गई है। जिसे वन एवं पर्यावरण मंत्रालय, नई दिल्ली द्वारा गठित EAC (T&amp;C projects) के द्वारा स्वीकार किया है। प्रयोक्ता अभिकरण ने वचनबद्धता दिया है कि भविष्य में R &amp; R Plan में कोई परिवर्तन होगा तो उन्हें स्वीकार होगा।</p> <p>इस शर्त के साथ सहमति दी जा सकती है।</p>
4.0	<b>General issues emerging from the site visit</b>		
4.0(1)	Since the FAC receives a large number of forest clearance proposals for mining projects, decision-making can be	We wish to inform that we have not taken any Forest land for similar project in the state.	<p>प्रयोक्ता अभिकरण के द्वारा सूचित किया गया है कि उन्हें कोई भी वन भूमि अपयोजन हेतु स्वीकृति नहीं दी गई है। अतः उनके मामलों में यह कड़िका लागू नहीं होती है।</p> <p>सभी वन प्रमंडल पदाधिकारी को प्रधान</p>

Para No.	Observation of Sub-committee of FAC, MOEF, Govt. of India. (March 2012)	Reply of User Agency (RCCL) on recommended by Sub-committee submitted vide letter No. 27 dt. 28.06.12.	Comments of Nodal Officer (PCCF – Cum – ED)
	<p>further rationalized with a view to conservation and optimization of existing grants by user agencies. In the case of each user agency, when considering fresh clearance, it would be helpful to evaluate the total extent of forest land already allotted, and the amount utilized thus far. Mr. A.K. Singh, PCCF, Government of Jharkhand, has compiled data on the Saranda Forest Division showing a considerable difference between the forest land already allotted to different user agencies and the extent to which areas have been broken up for mining. If a user agency is already in possession of extensive forest areas which have not been adequately utilized, there is no good reason to grant further diversion. A Division wise list for the entire state of Jharkhand, as well as for other states, would greatly help the FAC in its decision-making. <i>(However, a decision on the Rohne case need not be held up in the absence of such a list since the user agency does not have extensive forest allotment for coal in the state.)</i></p>		<p>मुख्य वन संरक्षक – सह – कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड राँची द्वारा यह निर्देश दिया जा रहा है कि प्रमंडलवार प्रयोक्ता अभिकरण को दी गई अपयोजित वन भूमि और उपयोग में लाई गई सभी वन भूमि विवरणी तैयार की जाये ताकि अपयोजित वन भूमि का पूरा उपयोग नहीं करने वाले प्रयोक्ता अभिकरण को अतिरिक्त वन भूमि अपयोजन के प्रस्ताव पर नियंत्रण रखा जा सके।</p>

<b>Para No.</b>	<b>Observation of Sub-committee of FAC, MOEF, Govt. of India. (March 2012)</b>	<b>Reply of User Agency (RCCL) on recommended by Sub-committee submitted vide letter No. 27 dt. 28.06.12.</b>	<b>Comments of Nodal Officer (PCCF – Cum – ED)</b>
4.0(2)	The MoEF should urgently undertake an evaluation of mine reclamation. Despite standard & specific conditions being imposed, reports suggest that mandated measures such as conservation of topsoil and planting of local indigenous species are routinely ignored. In order to reduce the considerable destruction of forests & permanent loss of biodiversity that mining currently entails, the Ministry should institute steps such as making further mining permission conditional upon the demonstration of successful reclamation on previously allotted sites.		पूर्व में स्वीकृत अपयोजन के Renewal आदि के मामलों में प्रयोक्ता अभिकरण द्वारा किये गये Reclamation, Top Soil Management स्थानीय प्रजाति के पौधों का रोपण आदि कार्यों में सफलता को आधार बनाने के प्रस्ताव पर राज्य सरकार की सहमति दी जा सकती है।

<b>Sl. No.</b>	<b>Items</b>	<b>Comments of Nodal Officer (PCCF – Cum – ED)</b>
(ii)	A report on settlement of rights under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 and that the certificate required as per the guidelines dated 03.08.2009 issued by the Ministry may be furnished to the Ministry.	वनाधिकार अधिनियम – अनुसूचित जनजाति एवं अन्य पारम्परिक वनवासी अधिनियम (वन अधिकार) अधिनियम 2006 के अधीन प्रमाण पत्र संबंधी – वनाधिकार अधिनियम 2006 के अधीन उपायुक्त, हजारीबाग के ज्ञापांक 1062 एवं 1063 दिनांक 11.06.2012 द्वारा निर्गत प्रमाण पत्र की एक प्रति संलग्न की जाती है।
(iii)	State Govt. should submit of plan of phased mining and effective monitoring mechanisms for mining. The State should also explore possibility of underground mining.	चरणबद्ध माईनिंग के संबंधी में वन सलाहकार समिति की उप समिति के द्वारा अनुशांसा के अनुरूप प्रथम चरण में 567.00 हे० (7 हे० वन भूमि Conveyer corridor हेतु) पर सहमति दी जा सकती है। पूर्व प्रस्तावित क्षेत्र के शेष 211.23 हे० के संबंध में विस्तृत वन्य प्राणी प्रबंधन योजना बनने के बाद विचार किया जा सकता है। जहाँ तक खनन कार्य के प्रभावी अनुश्रवण प्रणाली का प्रश्न है अन्य स्वीकृत खनन योजनाओं में प्रभावी अनुश्रवण प्रणाली की शर्तों के अधीन किया जाना प्रस्तावित किया जा सकता है। भूमिगत

		खनन कार्य की संभावना के संबंध में प्रयोक्ता अभिकरण द्वारा सूचित किया गया है कि उनके द्वारा समर्पित माईनिंग प्लान विशेषज्ञ एजेंसी CMPDI, Ranchi के द्वारा तकनीकी अध्ययन कर Geological report के आधार पर Ministry of Coal के द्वारा स्वीकृत है । इसकी सूचना प्रयोक्ता अभिकरण ने अपने पत्रांक RCCPL/2012/24 दिनांक 12.06.12 द्वारा दिया है जिसकी एक प्रति संलग्न की जाती है ।
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अनुरोध है कि उपरोक्त मंतव्य की सूचना पर्यावरण एवं वन मंत्रालय, भारत सरकार को अग्रतर कार्रवाई हेतु प्रेषण पर विचार किया जा सकता है ।

विश्वासभाजन

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प्रधान मुख्य वन संरक्षक-सह- कार्यकारी निदेशक,  
बंजर भूमि विकास बोर्ड,  
झारखण्ड, राँची ।

### FACT SHEET

1.	1 °æ ~#-# <sup>a</sup> ~#B.±ø±1° #	Diversion of 778.23 ha of forest land for coal mining project in favour of M/s Rohne Coal Company Private Limited in Hazaribagh West & Ramgarh Forest Divisions of Hazaribagh district of Jharkhand.
2.	Location	
	i) State	Jharkhand
	ii) District	Hazaribagh & Ramgarh
3.	Particulars of Forests	
	a) Name of Forest Division	Hazaribagh West & Ramgarh Forest Divisions
	b) Forest area involved	778.23 ha
	c) Legal Status/Sy. No	<b>Hazaribagh West -</b> Notified & Demarcated Forest land - 982.26 ha Notified & Un-demarcated FL - 187.23 ha GMK under jungle jhari FL - 19.61 ha <b>Ramgarh FD -</b> PF Rikba, Lukuiya & Mishraiyan morha
	d) Map	Enclosed (p-209/c)
4.	Topography of the area	-
5.	(vii) Vegetation	<i>Mahua, Kadam, Bair, Karanj, Neem, Beeju Aam, Chakundi, Shisham, Gamhar, Khair, Awanla, Bans, Baken, Arjun, Acacia, etc.,</i> at p-63/c.
	(viii) No. of trees which will be affected	14,703 trees (183/c)
	(ix) Density	Hazaribagh FD - 0.5 Ramgarh FD - 0.3
6.	Whether area is significant from wildlife point of view	It does not form part of any National Park, Sanctuary or Biosphere reserve, Tiger reserve, Elephant corridor, etc.
7.	Details of Mining	
	i. Total project area	1192.79 ha
	ii. Notified forest land	187.43 ha (p-18/c)
	iii. Area of jungle / jhar	21.90 ha(p-3/c)
	iv. Tenancy land / non-forest	983.46 ha (p-18/c)
	v. Period of mining lease proposed	Twenty eight (28) years

	vi. Total reserve	423.170 MT
	vii. Reserve in forest area	-
	viii. Reserve in non-forest area	
	ix. Annual estimated production	8 MTPA
	x. Nature of mining operation	Open cast
	xi. Phased reclamation plan	-
	xii. Gradient of the mining area	-
	xiii. No of labourers to be employed	Direct 873 persons 2000 people indirectly (p-43/c)
8.	Compensatory Afforestation	CA has been proposed over in two forest divisions with total financial outlay of Rs.6,65,79,750/- with 7 years maintenance at p-59 -61/c.
9.	Catchment Area Treatment	at p-96/c
10.	Rehabilitation of Oustees c) No of families involved d) Category of families e) Details of rehabilitation plan	109 SC- 2 / ST-107 Enclosed p-144-146/c
11.	Reclamation of mined areas	The Reclamation Plan is submitted at p-147- 150/c.
12.	Cost Benefit Ratio	1:34.38 at p-249/c.
13.	Recommendation i. DFO ii. PCCF iii.State Government	All have recommended the proposal. p-56 & 233/c p-69 & 237/c. p-70 & 238/c.
14.	District Profile	
	(i) Total Geographical area of District	Hazaribagh West FD - 5998 sq km Ramgarh FD - 1360.08 sq km
	(ii) Total forest area of District / Divisional forest area	Hazaribagh West - 125345.76 ha Ramgarh FD - 416.12 sq km
	(iii) Total area diverted since 1980	Hazaribagh West - 624.70 ha in 6 no of cases Ramgarh FD - 1977.373 ha in 25 no of cases.
	(iv) Total CA stipulated	Hazaribagh West - Nil Ramgarh FD - Forest land - 4859.266 ha Non-forest land - 250.586 ha
	(iv) Total CA done since 1980 (as on 25.05.2009)	Hazaribagh West - Nil Ramgarh FD - Nil

#### **Other Remarks:**

1. The Rohne coal company Private Limited in he joint venture of M/s JSW steel Limited, M/s Bhusan Power and steel Limited and M/s Jai Balaji Industries limited.
2. The Ministry of Coal vide its letter dated 05.06.2008 has allocated Rohne coal block for captive mining of coal by a joint venture company to M/s. JSW Steels Ltd, M/s Bhusan Power & Steel Ltd and M/s Jai Balaji Industries Limited at p-111/c.
3. Rohne coal block covers an area of 12.45 sqkm and is located in eastern part of North Karanpura coalfield at p-39/c.
4. The nearest town is Hazaribagh, located at a distance of about 35 km from the block. The nearest Rail head is at Patratu (19 km) and Bhadaninagar (20 km) on the Gomo-Barkakana-Dehri-on-sone loop line of eastern railway. Ranchi is about 80 km from Rohne coal block at p-39/c.

5. The total area allocated for mining lease is 1245.00 ha and the major area falls under forest.
6. The rare/endangered/specific species of flora and fauna are found in the area like Hathi, Lakarbagha, Ajar, Bajrakit, Van Battakh, Goh, Bahurangi, & Chital, etc. at p-57/c.
7. The forest area of 1192.79 ha is required for mining activity and will be broken up for excavation, dumping, safety barrier, road and Infrastructure, conveyor etc at p-74/c.
8. The mining plan has been accorded approval by Ministry of Coal vide letter dated 04.03.2009 at p-185/c.
9. The user agency has given an undertaking to bear the cost of CA at p-89/c.
10. The user agency has also submitted an undertaking to pay NPV at p-92/c.
11. No violation of the Forest (Conservation) Act, 1980 has been reported at p-91/c.
12. The user agency has submitted that there is no National park, Wildlife Sanctuary, Biosphere, Elephant corridor, etc.
13. There is no archaeological / heritage site / defence establishment or any other important monument located in the area at p-95/c.
14. The user agency has submitted the copy of the environment clearance accorded by MoEF on 25.08.2018 at p-115-119/c.
15. The DFO has certified that the G.M area is suitable for Compensatory Afforestation work as well as from management point of view at p-65/c.
16. The User agency has also submitted a copy of the no objection certificates from the Gram Sabha at p-170 to 177/c.
17. The State Pollution Control Board, Jharkhand has given its consent to establish the mine for production of coal at p-178/c.
18. The cost of the project is Rs.577.00 crores at p-41/c.
19. The User agency has also submitted a copy of the public hearing held on 21.09.2009 at p-357/c.
20. The State Government has recommended the proposal with the following conditions:
  - a. The user agency shall obtain the mining lease before the start any mining activity.
  - b. The user agency shall obtain Environment Clearance.

### **SITE INSPECTION REPORT**

12. The site inspection has been done by the Regional Office, Bhubaneshwar.

13. Legal status of the forest land proposed for diversion:

<b>Sl. No.</b>	<b>Name of Division</b>	<b>Notified and Demarcated forest land (in ha)</b>	<b>Notified and Un-demarcated forest land (in ha)</b>	<b>Jungle-jhari land (in ha)</b>	<b>Total Forest area (in ha)</b>
1.	Hazaribagh West	982.26	187.43	19.01	1189.30
2.	Ramgarh	1.20	-	2.29	3.49
	<b>Total</b>	<b>983.46</b>	<b>187.43</b>	<b>21.90</b>	<b>1192.79</b>

Total forest area includes the 11.65 ha of Safety Zone in forest (this area should not be considered for forest diversion) and 402.91 ha for exploration drilling (PCCF,

Jharkhand has asked for separate proposal for exploration drilling for forest permission).

Total forest area recommended for diversion is as below;

$$1192.79 - 11.56 - 402.91 = \mathbf{778.23 \text{ ha}}$$

14. The area is not important from the point of view of wildlife conservation in Hazaribagh West Division animals like Elephant, Hyena, Python, Pangolin, Wild duck, Monitor lizard, Chameleon chital are found.
15. **The important species in Hazaribagh (W) Division:** Mango, Asan, Awanla, Bhelwa, Bel, Doka, Khair, Karam, Kendu, Kusum, Mahua, Neem, Piyar, Papal, Paras, Sidha, etc. & **Ramgarh Division:** Bargad, Bhelwa, Kendu, Khair, Mahua, Palash, Ratangaura, Rohini, Sal, Sidha, etc.

#### **About 1,02,169 number of trees to be felled**

Hazaribagh (W) Division : 1.02 lakh number of trees  
Ramgarh Division : 169 number of trees

#### **Number of trees of girth below 60 cm**

Hazaribagh (W) Division : 91,747 no. of trees  
Ramgarh Division : 59 no of trees

#### **Number of trees of girth above 60 cm**

Hazaribagh (W) Division : 10,253 no. of trees  
Ramgarh Division : 10 no of trees

16. **Background note on the proposal:** Rohne coal block in the State of Jharkhand has been allocated by Ministry of Coal, Government of India letter no dated 05.06.2008 to M/s JSW Steel Limited, M/s Bhushan Power & Steel Limited and M/s Jai Balaji Industries Limited for meeting their proportionate share of requirement of Coal. A joint venture company has been formed by these companies namely "Rohne Coal Company Private Limited" and has already been registered.

The topography of the block is hilly and rugged. The ground in general slopes towards North, North West & West. The area is dissected by number of seasonal streams originating from the adjoining metamorphic terrain occupying the higher elevation. During rainy season they discharge their load into Badmahi River which is an important tributary of Haharo River, ultimately meets Damodar River at Bundu block. Damodar river is flowing West to East on the Southern Side of block at distance of 8-10 km away.

17. Compensatory Afforestation scheme can be possible. Area 1019.76 ha of Gair Majurba-khas land have been made available by the DC, Gumla. The area 778.23 ha of land is indentified. Total financial outlay is Rs.6,67,75,128/-. The site specific CA scheme is yet to be prepared.

18. Total 109 families to be displaced out of which SC-2 and ST-107 families. The comparative rehabilitation plan, as collected from the user agency.
19. Total cost of the project is Rs.577.00 crores.
20. No violation of FC Act, 1980 has been reported by the State Government.
21. The cost benefit ratio is 1:34.38.
22. **Utility of the project:** About 873 persons directly and 2000 persons indirectly be benefited.
23. Hazaribagh wildlife sanctuary is around 50 kms away.
24. The CCF (Central) while forwarding the proposal has recommended the following:

- i. **Proposed area with 0.5 tree density:** Apart from 1.2 ha forest land proposed in Ramgarh Forest Division, the rest of the proposed area in Hazaribagh Forest Division have fairly dense forest having 0.5 density which shall be affected by this project.
- ii. **Lack of infrastructure for coal evacuation:** The PCCF, Jharkhand has expressed concern (available at page-21/c) over the upcoming large scale coal mining in the North Karanpura coalfields, which shall further deteriorate the roads and other infrastructure, which are already in a very poor state in the area.

Evacuation route for the proposed mine is non-existent at present which is proposed to be developed by using pipe conveyor system with railway siding proposed at Misrain Mohra i.e. 8 km from mine site. User agency has also proposed 3.2 km construction of new railway line from Asnageorha up to which railway line is existing now, which may take some time for creation of said infrastructure. Considering the possible congestion and pollution caused by road transport, the coal block may not be allowed to be opened till the infrastructure for evacuation is installed. The transport should be permitted only by closed conveyer pipeline upto railway siding and from there through railways. The wagons should be covered with tarpaulin during journey.

- iii. **Need for study to maintain Forest Connectivity:** In view of large scale mining coming to the Hazaribagh sector, there should be an over all planning for maintaining the connectivity between bigger chunks of forests in Hazaribagh and adjacent districts of Jharkhand state as well as areas in Bihar to maintain corridor for wildlife movements which is essential for their survival and maintenance of biodiversity. Reputed organizations, including the Wildlife Institute of India may be involved for study of biodiversity of the area and its preservation with respect to upcoming mining disturbances.
- iv. **Resettlement issue:** 109 families are going to be affected and shall be resettled due to the proposed mine. Perusal of resettlement plan (available at page-2 annexure-xi of DP) shows that due care in surveying/selecting the site for resettlement is not taken for example, the water scarcity is already existing in the selected site which shall further deteriorate after the settlement of additional population, which was not examined.



- v. **Re-examining the fuel and fodder need of the local inhabitants:** Site inspection Report states that local people have been depending upon these coal rich areas for fuel and the standing forests for small wood and fodder need. In addition to the creation of wood lots in the surrounding / village areas, the user agency may open subsidized gas supply to cater to the stifled fuel requirement as a social responsibility and a token offer to the marginalized stakeholders. This should be treated as a joint responsibility of all the new coal mines coming in the area with a radius of 5 km from the outer boundary of coal field.
- vi. **Cost benefit analysis** also needs correction (available at page-26, annexure-I of DP). The mine closure cost has not been taken for analysis and several other factors like opportunity cost of fodder loss, fuel loss etc. has been highly underestimated, thereby magnifying the benefit, which requires to be corrected/explained. Benefit side has also been highly magnified.
- vii. **Reclamation and final land use plan:**It appears that the project proponent needs to re-examine the mine closure/reclamation plan (available at page- 95 annexure-xii of DP) for revised post mine land use proposition properly, utilizing the dumps for retrieval of land, so that the final land use should aim at maximum land utilisation, maintaining connectivity with the surrounding chunks of forests for optimum benefit of nature including wildlife and human-being, which need to be visualized and planned from the beginning of mining. Since the present mine is only a small part of the several more coal blocks being developed, the master plan of the area, my note on the mining in coal field may also be examined for taking decision in an integrated manner.

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