



# एन एम डी सी लिमिटेड NMDC LIMITED

(भारत सरकार का उद्यम) (A Government of India Enterprises)  
बैलाडीला आयरन ओर माइन, किरन्दुल कॉम्प्लेक्स

Bailadila Iron Ore Mine, Kirandul Complex

(आई.एस.ओ. 9001:2000 एवं आई.एस.ओ.-14001 प्रमाणित एकक) (An ISO-9001:2000 & ISO-14001 Certified Unit)

किरन्दुल - 494556, जिला - दक्षिण बस्तर दन्तेवाड़ा (छत्तीसगढ़) भारत, KIRANDUL - Dist. - SOUTH BASTAR DANTEWADA (C.G.) INDIA



बी.आई.ओ.एम/पर्या./2018-115/14ML/2526/2019

दिनांक: 31.01.2019

प्रति,

वनमण्डलाधिकारी,  
दन्तेवाड़ा वनमण्डल  
जिला-दन्तेवाड़ा (छ.ग.)

विषय :- Forest clearance for renewal of mining lease over 322.368 ha. of forest land for bailadila iron ore project, Mining Lease-14 ML in Dantewada forest division of south bastar dantewada district, chhattisgarh in favour of M/s NMDC Limited. पंजीयन क्रमांक-PF/CG/MIN/31401/2018 ।

संदर्भ :-

1. अपर प्रधान मुख्य वन संरक्षक रायपुर का पत्र क्रमांक/भू-प्रबंध/खनिज/एल. एम-331-89/3228 रायपुर, दिनांक 01/10/2018 ।
2. आपके कार्यालय का पत्र क्रमांक/क.त.अ./9032/दन्तेवाड़ा, दिनांक 27.11.2018

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महोदय,

विषयांतर्गत यह लेख है कि आपके कार्यालय से जारी उपरोक्त संदर्भित पत्र के पालनार्थ हेतु माईनिंग लीज क्रमांक-14 एम.एल. रकबा 322.368 हे. क्षेत्र का नवीनीकरण हेतु वन संरक्षण अधिनियम 1980 के अन्तर्गत चेक लिस्ट 01 से 44 कंडिका अनुसार प्रत्यावर्तन प्रस्ताव तैयार कर सात प्रति में आपके कार्यालय में प्रेषित की जा रही है।

सह: धन्यवाद



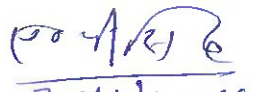
संलग्न-उपरोक्तानुसार

प्रतिलिपि:-

1. मुख्य वन संरक्षक, जगदलपुर वृत्त जगदलपुर की ओर सूचनार्थ सादर सम्प्रेषित।

भवदीय,

  
महाप्रबंधक 31/01/19

  
27/11/2019

हम हिन्दी में पत्राचार का स्वागत करते हैं ।

किरन्दुल फैक्स Kirandul Fax : वित्त Finance: 07857-256335, सामग्री Materials : 07857-256544, कार्मिक Personnel : 07857-255226

पंजीकृत कार्यालय : 10-3-311/, कैसल हिल्स, खनिज भवन, मसाब टैंक, हैदराबाद - 500028  
Regd. Office : 10-3-311/A, Castle Hills, Khanij Bhavan, Masab Tank, Hyderabad - 500 028



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NMDC LIMITED

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बैलाडीला आयरन ओर माइन, किरन्दुल कॉम्प्लेक्स

Bailadila Iron Ore Mine, Kirandul Complex

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बी.आई.ओ.एम/पर्या./2018-115/14ML/2526/2019

दिनांक: 31.01.2019

प्रति,

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संदर्भ :-

1. अपर प्रधान मुख्य वन संरक्षक रायपुर का पत्र क्रमांक/भू-प्रबंध/खनिज/एल.एम-331-89/3228 रायपुर, दिनांक 01/10/2018 ।
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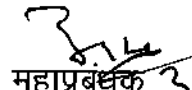
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महोदय,

विषयांतर्गत यह लेख है कि आपके कार्यालय से जारी उपरोक्त संदर्भित पत्र के पालनार्थ हेतु माईनिंग लीज क्रमांक-14 एम.एल. रकबा 322.368 हे. क्षेत्र का नवीनीकरण हेतु वन संरक्षण अधिनियम 1980 के अन्तर्गत चेक लिस्ट 01 से 44 कंडिका अनुसार प्रत्यावर्तन प्रस्ताव तैयार कर सात प्रति में आपके कार्यालय में प्रेषित की जा रही है।

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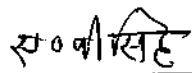
भवदीय,

  
महाप्रबंधक 31/01/19

संलग्न-उपरोक्तानुसार

प्रतिलिपि:-

1. मुख्य वन संरक्षक, जगदलपुर वृत्त जगदलपुर की ओर सूचनार्थ सादर सम्प्रेषित।

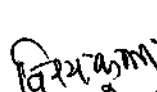


  
शंकर सिंह  
वर्ति प्रभ (पर्या.)

हम हिन्दी में पत्राचार का स्वागत करते हैं ।

किरन्दुल फैक्स Kirandul Fax : वित्त Finance: 07857-256335, सामग्री Materials : 07857-256544, कार्मिक Personnel : 07857-255226

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Regd. Office : 10-3-311/A, Castle Hills, Khanij Bhavan, Masab Tank, Hyderabad - 500 028

  
किरण कुमार  
31/01/19  
  
पंकज  
31/01/19  
  
शंकर सिंह  
29/01/2019

### 14 ML- 44-point Checklist application

क्र.	अभिलेख का विवरण	Remarks
	<b>Gol (MoEF) से संबंधित अभिलेख</b>	
1	आवेदक विभाग का मांग पत्र	चेक लिस्ट-1, ऑन लाईन आवेदन संलग्न सह संप्रेषित है।
2	प्रपत्र I में रजिस्ट्रेशन कोड (वर्ष/पंजीयन क्रमांक)	प्रपत्र-1 के कंडिका नं.-2 में समावेष्टित है।
3	वन क्षेत्र विवरण	वर्तमान में स्वीकृत एवं प्रस्तावित आरक्षित वन भूमि का विवरण चेक लिस्ट-3 में संप्रेषित है।
4	गैर वन क्षेत्र विवरण	गैर वन भूमि प्रस्तावित नहीं है। जिसका प्रमाण पत्र कंडिका-4 संलग्न है।
5	प्रत्यावर्तित हेतु प्रस्तावित वन क्षेत्र का सर्वे ऑफ इंडिया का मूल टोपोशीट 1:50000 स्केल पर	चेक लिस्ट-5 सह संलग्न है।
6	वन क्षेत्र का इन्डेक्स मैप	इन्डेक्स मैप कंडिका -6 सह संलग्न है।
7	प्रपत्र-4 में प्रस्ताव	चेक लिस्ट-7 में, ऑन लाईन आवेदन संलग्न सह संप्रेषित है।
8	प्रोजेक्ट पर विस्तृत टीप	कंडिका नं.-8 सह संलग्न है।
9	वैकल्पिक वृक्षारोपण राशि जमा करने का वचन पत्र (वह दर जो अंतिम रूप से भूमि प्रत्यावर्तन के समय लागू होगी, देय होगी) नए यूनियन बैंक एवं कार्पोरेशन बैंक, नई दिल्ली के बचत खातों का विवरण संलग्न है।	चेक लिस्ट-9 में वचन पत्र संलग्न है।
10	न्यूनतम वन क्षेत्र उपयोगिता प्रमाण पत्र	कंडिका नं.-10 में प्रमाण पत्र संलग्न है।
11	पर्यावरण संरक्षण स्वीकृत प्रमाण पत्र (जिन प्रकरण में लागू न हो उसके भारत सरकार का परिपत्र लगाकर उल्लेख करें) सिंचाई के प्रकरण में 10,000 हे. तक में राज्य पर्यावरण प्रदूषण मंडल से स्वीकृति (भारत सरकार, पर्यावरण एवं मंत्रालय की अधिसूचना दिनांक- 14.09.2006) इससे अधिक में भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली से लिया जाना आवश्यक है।	चेक लिस्ट नं.-11 सह संलग्न है।
12	वृक्ष विदोहन विवरण (प्रपत्र- अ एवं ब में)	चेक लिस्ट-12 में सह संप्रेषित है।
13	कास्ट/बेनिफिट एनालिसिस	चेक लिस्ट-13 में वर्णन किया गया है।
14	-चयनित गैर वन क्षेत्र/निजी भूमि (पंचशाला खसरा की नकल, मानचित्र, सक्षम अधिकारी का हस्तांतरण आदेश) -राजस्व वन क्षेत्र (संलग्न प्रपत्र में अधिसूचना मय नक्शा प्रस्ताव तथा 3 प्रति में पृथक से वन संरक्षक के हस्ताक्षर एवं सील सहित आवेगा)	लागू नहीं है। वचन पत्र कंडिका-14 संलग्न है।

15	गैर वन क्षेत्र के आसपास क्षेत्र का नक्शा	चेक लिस्ट-15 सह प्लेट- III संलग्न है।
16	स्थल विशेष वैकल्पिक वृक्षारोपण योजना (शासन द्वारा अनुमोदित दरों पर 25 प्रतिशत वार्षिक वृद्धि के साथ 7 वर्षीय मय उपचार मानचित्र, अक्षांश, देशांश, प्रजाति विवरण सहित) जे असिंचित क्षेत्र चयनित होगा उसका वनमंडलाधिकारी का प्रमाण पत्र पृथक से आवेगा।	चेक लिस्ट नं.-16 में विस्तृत विवरण दिया गया है।
17	वृक्षारोपण क्षेत्र उपयुक्तता प्रमाण पत्र	लागू नहीं है। चेक लिस्ट-17 संलग्न है।
18	अधिनियम उल्लंघन अंतर्गत कार्यों का विवरण	स्व प्रमाणित प्रमाण पत्र चंक लिस्ट-18 संलग्न है। लागू नहीं है।
19	अधिनियम उल्लंघन के लिए जिम्मेदार अधिकारियों एवं कर्मचारियों का विवरण	स्व प्रमाणित प्रमाण पत्र चंक लिस्ट-19 संलग्न है। लागू नहीं है।
20	अधिकारियों एवं कर्मचारियों के विरुद्ध प्रस्तावित कार्यवाही	स्व प्रमाणित प्रमाण पत्र चंक लिस्ट-20 संलग्न है। लागू नहीं है।
21	वैकल्पिक वृक्षारोपण हेतु गैर वनभूमि अनुपलब्धता हेतु मुख्य सचिव का प्रमाण पत्र	चेक लिस्ट नं.-21 में लागू नहीं होने का स्व प्रमाणित प्रमाण पत्र संलग्न है।
22	कैचमेंट ट्रीटमेंट प्लान	चेक लिस्ट-22 सह संलग्न है।
23	रिक्लेमेशन प्लान	चेक लिस्ट-23 सह संलग्न सी.डी. में समावेष्ट है।
24	माईनिंग प्लान IBM नागपुर द्वारा अनुमोदित (केवल खनन प्रकरण में)	चेक लिस्ट-24 सह संलग्न उपरोक्त सी.डी. में समावेष्ट है।
25	व्यवस्थापन प्लान	स्व प्रमाणित प्रमाण पत्र चेक लिस्ट-25 संलग्न है।
26	वन अधिकारियों का निरीक्षण प्रतिवेदन मय स्पष्ट अनुशंसा, नाम, पदनाम, सील एवं दिनांक सहित (प्रपत्र I से IV तक) प्रपत्र IV मुख्यालय द्वारा भरा जावेगा।	कंडिका-1 एवं 7 सह प्रपत्र- II से IV तक सक्षम अधिकारी की अनुसंशा हेतु संलग्न है।
27	ऐतिहासिक स्थल का प्रमाण पत्र	चेक लिस्ट नं.-27, प्रमाण पत्र वनमंडलाधिकारी महोदय के सत्यापन हेतु संलग्न है।
28	संबंधित ग्राम पंचायत का अनापत्ति प्रमाण पत्र (छत्तीसगढ़ शासन वन विभाग का पत्र क्रमांक/एफ-5-20/2007/10-2 दिनांक- 12.01.2010)	कंडिका नं.-28 सह संलग्न है।
29	स्थल की कुल वन भूमि (रकबा हे. में)	चेक लिस्ट नं.-29, प्रमाण पत्र वनमंडलाधिकारी महोदय के सत्यापन हेतु संलग्न है।
30	व.स.अ.- 1980 अंतर्गत जिले के स्वीकृत प्रकरणों में प्रवर्तित हुई वन भूमि रकबा हे. में	चेक लिस्ट नं.-30, प्रमाण पत्र वनमंडलाधिकारी महोदय के सत्यापन हेतु संलग्न है।
31	व.स.अ.- 1980 अंतर्गत जिले के स्वीकृत प्रकरणों में इसी श्रेणी की कुल प्रत्यावर्तन वन भूमि रकबा हे. में	चेक लिस्ट नं.-31, प्रमाण पत्र वनमंडलाधिकारी महोदय के सत्यापन हेतु संलग्न है।
32	प्रस्तावित क्षेत्र के 10 कि.मी. की परिधि में राष्ट्रीय उद्यान, वन्यप्राणी अभ्यारण्य या हाथी कारीडोर स्थित है अथवा प्रस्तावित है या अन्य ऐतिहासिक महत्व का चिन्ह/मूर्ति न होने की जानकारी (छत्तीसगढ़ शासन वन विभाग का पत्र क्रमांक/एफ-5-20/2007/10-2 दिनांक- 12.	चेक लिस्ट नं.-32, प्रमाण पत्र वनमंडलाधिकारी महोदय के सत्यापन हेतु संलग्न है।

	01.2010)	
33	15 कि.मी. परिधि के नक्शे में खनन हेतु प्रस्तावित स्थलों का चिन्हांकन (केवल खनन प्रकरणों में)	कंडिका-33 में प्लेट-V सह संलग्न है।
34	वन अधिकारी मान्यता पत्र वितरण की सूची एवं कलेक्टर का अनापत्ति 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 ठहराव प्रस्ताव (Resolution) आवश्यक रूप से संलग्न करें।	कंडिका-34 का विस्तृत विवरण उपरोक्त कंडिका नं.-28 में वर्णन किया गया है।
35	राजस्व वन भूमि हेतु कलेक्टर का प्रमाण पत्र (कार्यालयीन पत्र क्रमांक- भू-प्र/1317 दिनांक-25.05.2007)	माईनिंग लीज में राजस्व भूमि सम्मिलित नहीं है। अतः प्रमाण पत्र कंडिका-35 है।
36	मननीय उच्चतम न्यायालय के निर्देशानुसार प्रत्याशा मूल्य जमा करने का वचन पत्र।	कंडिका-36 प्रमाण पत्र संलग्न है।
37	<b>Clearance under FC Act, 1980: Deposition of funds with the Ad-hoc CAMPA: Remittances to precede 2<sup>nd</sup> stage clearance.</b> (भारत सरकार, पर्यावरण एवं वन मंत्रालय, क्षेत्रीय कार्यालय, भोपाल का पत्र क्रमांक- 7-1/2004 (CAMPA)Meeting 3068 दिनांक- 12.05.2011	चेक लिस्ट-37 में वचन पत्र संलग्न है।
38	<b>"A detailed note on Soil Productivity or the lack of it".</b> (भारत सरकार, पर्यावरण एवं वन मंत्रालय, क्षेत्रीय कार्यालय, भोपाल का पत्र क्रमांक-6-MPC 013/2008-BHO/357 दिनांक-24.02.2010)	चेक लिस्ट-38 सह संलग्न संप्रेषित है।
39	परियोजना की किसी भी प्रकार की भूमि में कार्य प्रारंभ न करने का प्रमाण पत्र। (भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र क्रमांक-FNo. 2-1/2003-FC दिनांक-06.01.2011)	चेक लिस्ट-39 में स्व प्रमाणित प्रमाण पत्र संलग्न है।
40	<b>Diversion of large area (more then 500 ha.) of forest 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)</b> (भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली का पत्र क्रमांक-FNo. 11-9/1998-FC	विस्तृत विवरण चेक लिस्ट नं.-40 संलग्न है।

	दिनांक- 04.01.2011)	
41	पंजीयन क्रमांक-पंजीयन शुल्क एवं प्रोसेसिंग शुल्क का विवरण (छत्तीसगढ़ शासन, वन विभाग का पत्र क्रमांक/एफ-7-22/2009/10-2 दिनांक- 31.07.2009)	कडिका नं.-41 संलग्न है।
42	वन्यप्राणी परियोजना पर प्रधान मुख्य वन संरक्षक (वन्यप्राणी) का अभिमत (विशेषकर खान प्रकरणों में)	कडिका नं.-42 सह संलग्न है।
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, क्षेत्रीय कार्यालय, भोपाल का पत्र क्रमांक 6-CHC 022/2010-BHO/934 दिनांक- 24.05.2010)	कडिका नं.-43 संलग्न है।
44	प्रस्ताव में अन्य (Misc) कमियों का विवरण।	कडिका नं.-44 संलग्न है।



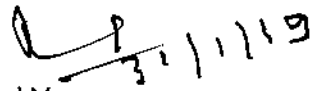
एनएमडीसी लिमिटेड  
NMDC LIMITED


(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list no.1.

Letter attached.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/18

P. n. Iny  
31/01/17

वि. न. इ. म. सी.  
31.01.19



NMDC

# एनएमडीसी लिमिटेड NMDC LIMITED

7

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER : L13100AP1958GOI001674

## बैलाडीला आयरन ओर माइन, किरन्दुल कॉम्प्लेक्स Bailadila Iron Ore Mine, Kirandul Complex

किरन्दुल - 494556, जिला - दक्षिण बस्तर दन्तेवाड़ा (छत्तीसगढ़) भारत KIRANDUL - 494556 Distl- SOUTH BASTAR DANTEWADA (C.G.) INDIA

NMDC/KDL/DEP-14ML/FC/RML/2018/

01/10/2018

Divisional Forest Officer (DFO)  
Forest Department, Dantewada (C.G.)  
Government of Chhattisgarh

Sub: Forest Clearance for Renewal of Mining Lease over 322.368 Ha of Forest land for Bailadila Iron Ore Project, Deposit-14 ML in Dantewada Forest Division of South Bastar Dantewada District, Chhattisgarh in favor of M/s. NMDC Limited.

- Ref: 1. F.C. letter no: 8-41/97-FC dated 11/6/1999.  
2. Online application no. FP/CG/MIN/31401/2018.

Sir,

With reference to online application referred above for obtaining Forest Clearance for renewal of mining lease of Bailadila Deposit 14-ML (322.368Ha), the proposal was accepted online by APCCF (LM) cum Nodal Officer, Forest Deptt, Raipur on 19/09/2018. The email received in this connection communicating the acceptance of above proposal is enclosed for your ready reference.

Now we are submitting hard copies of the above proposal in seven copies along with documents which were uploaded on the Parivesh Portal for your kind perusal and necessary action. The Demand Drafts of Rs.6000/- for the Registration fee (DD No. 872002) and Processing fee of Rs.1,15,000 (DD No. 872001) are enclosed.

We hereby request you to kindly accept the hard copy of the application and process the same please.

Thanking you

Yours sincerely

  
General Manager  
Kirandul Complex

Encl:

Hard copy of the proposal in seven sets.

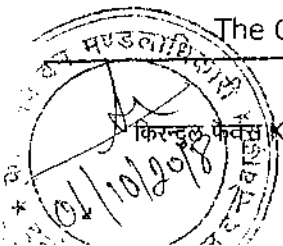
Copy to:

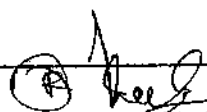
The Collector, Dantewada (C.G)

हम हिन्दी में पत्राचार का स्वागत करते हैं।

किरन्दुल कॉम्प्लेक्स Kirandul Fax : वित्त Finance :07857-256335, सामग्री Materials : 07857-255234, कार्मिक Personal : 07837-256686

पंजीकृत कार्यालय : 10-3-311/ए कैसल हिल्स, खनिज भवन, मसाब टैंक, हैदराबाद - 500028  
Regd. Office : 10-3-311/A, Castle Hills, Khanij Bhavan, Masab Tank, Hyderabad - 500028



  
The Collector  
Dantewada (C.G.)

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

monitoring-fc@nic.in

Wed 9/19/2018 1:30 PM

To Raktim Roy <rick6810@nmdc.co.in>;

cc: monitoring-fc@nic.in <monitoring-fc@nic.in>, monitoring-fc@nic.in <monitoring-fc@nic.in>;

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/31401/2018  
Proposal for Renewal of mining lease over 322.368 Ha. of reserve forest land for Bailadila
2. Proposal Name : Iron Ore Mine, Kirandul Complex in South Bastar Dantewada District of Chhattisgarh in favour of NMDC Limited
3. Category of the Proposal : Mining
4. Date of Submission : 11/09/2018
5. Name of the Applicant with Contact Details
 

Name	: Anjani
Mobile No.	: 9406005328
State	: Chhattisgarh
District	: Dantewada
Pincode	: 494556
6. Area Applied (ha.) : 322.368

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.



*[Handwritten Signature]*  
11/10/18  
Acknowledgement Slip

(System Administrator)

*[Handwritten Signature]*  
11/10/18  
राज्य सरकार, छत्तीसगढ़  
वन पर्यवेक्षण अधिकारी  
राज्य सरकार, छत्तीसगढ़

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 at the office of the Chhattisgarh on 11/09/2018

- 1. Proposal No. : FP/CO/MIN/31401/2018  
 Proposal for Renewal of mining lease over 322.368 Ha. of reserve forest land for Bailadila
- 2. Proposal Name : Iron Ore Mine, Kirandul Complex in South Bastar Dantewada District of Chhattisgarh in favour of NMDC Limited
- 3. Category of the Proposal : Mining
- 4. Date of Submission : 11/10/2018
- 5. Name of the User Agency with Contact Details : -
  - Name : Anjani
  - Mobile No. : 9406005328
  - State : Chhattisgarh
  - District : Dantewada
  - Pincode : 494556
- 6. Area Applied (ha.) : 322.368

(System Administrator)

*M*  
11/10/18

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



② *anjani*  
 11/10/18  
 STATE - CHHATTISGARH  
 DISTRICT - DANTEWADA  
 RAJYA KANAKPUR  
 P.O. - KANAKPUR

एन एम डी सी



NMDC

एन एम डी सी लिमिटेड  
NMDC Limited

(भारत सरकार का उद्यम) (A GOVT. OF INDIA ENTERPRISE)

पंजीकृत कार्यालय : 'खनिज भवन', 10-3-311/ए, कैसल हिल्स, मासाब टैंक, हैदराबाद - 500 028.  
Regd. Office : 'Khanij Bhavan' 10-3-311/A, Castle Hills, Masab Tank, Hyderabad - 500 028.  
नैगम पहचान संख्या / Corporate Identity Number : L13100AP1958 GOI 001674

NMDC /KDL/FC/RML/14ML/2018/

Date: 06/09/2018

Addl. Pr. Chief Conservator of Forests (LM)  
Forest Department, Head Quarters  
Aranya Bhawan, North Block, Sector-19  
Naya Raipur - 492001

Sub: Renewal of Mining Over **322.368 Ha** of Forest land for Bailadila Iron ore project, Deposit-14, Kirandul of M/s. NMDC Limited - EDS Reply

Ref: 1. Online proposal no: FP/CG/MIN/31401/2018  
2. Online EDS dated 28<sup>th</sup> August 2018.

Sir,

We are herewith submitting the point wise reply to the EDS.

- Query:** Uploaded kml file should show the land details (in RF/PF/Revenue Forest Land (Khasra No. / Compartment) and show boundary (Khasra / Compartment). The file should show the breakup of land use.  
**Reply:** The kml file showing existing land use plan of Bailadila Deposit-14 ML area along with RF compartment number and Forest compartment boundary is uploaded once again. The lease area falls in Bailadila RF and no revenue forest land is involved in the lease area. A snapshot of the attached KML is also uploaded in additional documents.
- Query:** Area of Patch (in Ha) is zero. Why?  
**Reply:** The same has been rectified.
- Query:** Details of Mining Plan pdf file not opening. Kindly correct the pdf file.  
**Reply:** pdf file of Mining Plan duly approved by IBM is uploaded once again. Also uploaded as additional documents.

We therefore request you to kindly accept the online application for further processing.

Submitted for your kind information and necessary action please.

Thanking you

Yours faithfully,

*M. Jayaram*  
General Manager (Environment) 6/9/18

एन एम डी सी



NMDC

# एन एम डी सी लिमिटेड NMDC Limited

(भारत सरकार का उद्यम) (A GOVT. OF INDIA ENTERPRISE)

पंजीकृत कार्यालय : 'खनिज भवन', 10-3-311/ए, कैसल हिल्स, मासाब टैंक, हैदराबाद - 500 028.  
Regd. Office : 'Khanij Bhavan' 10-3-311/A, Castle Hills, Masab Tank, Hyderabad - 500 028.

नैगम पहचान संख्या / Corporate Identity Number : L13100AP1958 GOI 001674

10

NMDC/KDL/FC/RML/2018

Date: 25/05/2018

Addl. Pr. Chief Conservator of Forests (LM)  
Forest Department, Head Quarters  
Aranya Bhawan, North Block, Sector-19  
Naya Raipur – 492001

Sub: Renewal of Mining Over **322.368 Ha** of Forest land for Bailadila Iron ore project, Deposit-14, Kirandul of M/s. NMDC Limited – EDS Reply

Ref: 1. Online proposal no: FP/CG/MIN/31401/2018  
2. Online EDS dated 20<sup>th</sup> April 2018.

Sir,

We are herewith submitting the point wise reply to the EDS.

1. The kml file showing existing land use plan of Bailadila Deposit-14 ML area along with RF compartment number and Forest compartment boundary is uploaded. The lease area falls in Bailadila RF and no revenue forest land is involved in the lease area.
2. Area of patch is 322.368 Ha.
3. **The** pdf file of Mining Plan duly approved by IBM is uploaded.

Submitted for your kind information and necessary action pl.

Thanking you

Yours faithfully,

Executive Director  
Bailadila Iron Ore Mines  
Kirandul Complex



NMDC

# एनएमडीसी लिमिटेड NMDC LIMITED

(भारत सरकार का उद्यम) (A Government of India Enterprise)

बैलाडीला आयरन ओर माईन, किरन्दुल कॉम्प्लेक्स  
Bailadila Iron Ore Mine, Kirandul Complex

CORPORATE IDENTITY NUMBER : L13100AP1958GOI001674

किरन्दुल -494556, जिला-दक्षिण बस्तर दन्तेवाड़ा (छत्तीसगढ़) भारत KIRANDUL-494556, Distt.- SOUTH BASTER DANTEWADA (C.G.) INDIA

NMDC/KDL/DEP-14/FC/RML/2018/

4/2/2018

To,  
Addl. Pr. Chief Conservator of Forests (LM) /  
Nodal Officer, F.C. Act  
Government of Chhattisgarh  
Forest Department, Head Quarters  
Aranya Bhawan, North Block, Sector-19  
Naya Raipur

**Sub:** Renewal of Mining Lease over 322.368 Ha of Forest land for Bailadila Iron Ore Project, Deposit-14 in Dantewada Forest Division of South Bastar Dantewada District, Chhattisgarh in favour of M/s. NMDC Limited.

**Ref:** Previous F.C. letter no: 8-41/97-FC dated 18/6/1999 issued by MoEF.

Sir,

NMDC is undertaking iron ore mining operations in the Deposit-14 M.L. area which was granted earlier in the year 1965 for a period of 30 years till 10/9/1995. The lease period was renewed for further period of 20 years i.e upto 11/9/2015 and further extended upto 31/3/2020 under the provisions of M.M (D&R) Amendment Act, 2015. The forest clearance was obtained from MOEF, New Delhi on 18/6/1999 over 322.368 Ha of forest land at the time of 1st renewal of M.L. As per rule 3(3) of Mineral (Mining by Government company), the State Government shall extend the period of the mining lease for further period of upto 20 years i.e upto 2035 w.e.f 11/9/2015. The renewal of ML also requires fresh forest clearance under the provisions of F.C. Act, 1980.

Hence, NMDC is submitting the F.C. Application in Form-B for obtaining Forest clearance for renewal of M.L of Bailadila Deposit-14 over 322.368 Ha forest land in Bacheli forest range, Dantewada Forest Division. The application in Form-B is uploaded in Ministry website.

We hereby request you to kindly accept the online application for further necessary action to obtain Forest clearance for above proposal.

Thanking you

Yours faithfully,

T.S. Cherián

Executive Director

Encl: a/a

हम हिन्दी में पत्राचार का स्वागत करते हैं ।

पंजीकृत कार्यालय : 10-3-311/ए कैसल हिल्स, खानिज भवन, मसाब टैंक, हैदराबाद - 500028  
Regd. Office : 10-3-311/A, Castle Hills, Khanij Bhavan, Masab Tank, Hyderabad - 500028



एनएमडीसी लिमिटेड

**NMDC LIMITED**

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
**CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674**  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका न.-2

प्रपत्र-1

वनसंरक्षण अधिनियम, 1980 अंतर्गत नवीनीकरण प्रस्ताव की अभिस्वीकृति हेतु प्रमाण पत्र।

आवेदक संस्थान बी.आई.ओ.एम. किरन्दुल कॉम्प्लेक्स, जिला - दन्तेवाड़ा (छत्तीसगढ़) का वन संरक्षण अधिनियम, 1980 के अंतर्गत दन्तेवाड़ा वन मंडल बचेली परिक्षेत्र के वन भूमि कंक्ष क्रमांक-1863,1861,1859, 1864, 1858,1857,1860 में 322.368 हे. वन भूमि प्रत्यावर्तन का प्रस्ताव दिनांक 19.09.2018 को पंजीकृत की गई है एवं इस प्रस्ताव का पंजीयन क्रमांक/FP/CG/MIN/31401/2018 है।

आवेदक संस्थान से पंजीयन एवं प्रोसेसिंग शुल्क पृथक पृथक राशि 6000/- रुपये डीडी क्रमांक - 872002 दिनांक 04.09.2018 एवं 1,15,000/- रुपये डी.डी. क्रमांक 872001 दिनांक 04.09.2018 को प्राप्त हुई है। जिसे कोषालय में जमा किया गया है।

वनमंडलाधिकारी  
दन्तेवाड़ा, वनमंडल,  
दक्षिण बस्तर दन्तेवाड़ा

(Details of DD for Registration and Processing  
Fee)

Renewal of FC application over an extend of 322.368 Ha Forest land for Bailadila Deposit 14 ML area of M/s NMDC Limited at Kirandul, Dantewada, Forest Division, South Baster Dantewada District, C.G.

1. Registration Fee: Rs. 6000/- in favor of DFO Dantewada by DD No. 872002 dated 04/09/2018 issued by SBI, NMDC, Hyderabad payable at SBI, Dantewada.

जारी करने वाली शाखा Issuing Branch: NMDC लिमिटेड बैंक कोड नं. / CODE No: 040-23583270 Tel No. 040-23583270	मांगझाफ्ट <b>DEMAND DRAFT</b>	Key: YEHLQ Sr No: 172979	0 4 0 9 2 0 1 8 D D M M Y Y Y Y
मांगे जानेपर DIVISIONAL FOREST OFFICER, DANTEWARA***** ON DEMAND PAY Six Thousand Only	या उनके आदेश पर OR ORDER	7 6 5 4 3 2 1	
रुपये RUPEES	6000.00		
IOI 0004839/2002 Key: YEHLQ Sr. No: 172979	अदा करें ₹ AMOUNT BELOW 6001(6/4)	मूल्य प्राप्त / VALUE RECEIVED	
भारतीय स्टेट बैंक STATE BANK OF INDIA अदाकारी शाखा / DRAWEE BRANCH: DANTEWARA कोड नं. / CODE No: 00545	प्राधिकृत हस्ताक्षरकर्ता AUTHORIZED SIGNATORY	शाखा प्रबंधक BRANCH MANAGER CHALINI KUMAR 10566	
कम्प्यूटर द्वारा मुद्रित होने पर ही वैध VALID ONLY IF COMPUTER PRINTED	केवल 3 माहों के लिए वैध VALID FOR 3 MONTHS ONLY	₹ 1,50,000/- एवं अधिक के निम्न में अतिरिक्त प्राधिकृत हस्ताक्षर करने पर ही वैध है। INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS	
*# 8 7 200 2# 00000 2000: 000483# 16			

2. Processing Fee: Rs. 1,15,000/- in favor of DFO Dantewada by DD No. 872001 dated 04/09/2018 issued by SBI, NMDC, Hyderabad payable at SBI, Dantewada.

जारी करने वाली शाखा Issuing Branch: NMDC लिमिटेड बैंक कोड नं. / CODE No: 040-23583270 Tel No. 040-23583270	मांगझाफ्ट <b>DEMAND DRAFT</b>	Key: TUJBAP Sr. No: 392235	0 4 0 9 2 0 1 8 D D M M Y Y Y Y
मांगे जानेपर DIVISIONAL FOREST OFFICER, DANTEWARA***** ON DEMAND PAY One Lakh Fifteen Thousand Only	या उनके आदेश पर OR ORDER	7 6 5 4 3 2 1	
रुपये RUPEES	115000.00		
IOI 000483872001 Key: TUJBAP Sr. No: 392235	अदा करें ₹ AMOUNT BELOW 115001(1/8)	मूल्य प्राप्त / VALUE RECEIVED	
भारतीय स्टेट बैंक STATE BANK OF INDIA अदाकारी शाखा / DRAWEE BRANCH: DANTEWARA कोड नं. / CODE No: 00545	प्राधिकृत हस्ताक्षरकर्ता AUTHORIZED SIGNATORY	शाखा प्रबंधक BRANCH MANAGER CHALINI KUMAR 10566	
कम्प्यूटर द्वारा मुद्रित होने पर ही वैध VALID ONLY IF COMPUTER PRINTED	केवल 3 माहों के लिए वैध VALID FOR 3 MONTHS ONLY	₹ 1,50,000/- एवं अधिक के निम्न में अतिरिक्त प्राधिकृत हस्ताक्षर करने पर ही वैध है। INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS	
*# 8 7 200 1# 00000 2000: 000483# 16			



एनएमडीसी लिमिटेड  
NMDCL LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 3.

Land use pattern of Mining lease area 14ML cover an area (322.368 Ha.) applied for renewal of forest clearance.

Lease Status: Entire ML Area falls under Bailadila Reserve Forest.

Purpose wise break-up of existing and proposed mining lease are given below:

S. no	Particulars	Existing (Ha)	Proposed (Ha)
1	Area under Mining	86.55	206.00
2	Area under waste dumps	44.22	46.00
3	Area under Infrastructural facilities	43.84	66..501
4	Area already afforested	147.757	0.00
5	Safety Zone	0.00	3.867
6	TOTAL	322.368	322.368

Compartment wise Details of Dep. - 14 ML

Compartment No.		Reserve Forest Compartment area in Hectare.	
New	Old	Compartment Area	Lease Area
1863	624	327.059	34.413
1861	626	308.946	23.876
1859	627	240.183	188.314
1864	628	284.283	30.640
1858	629	321.417	22.693
1857	637	289.513	9.796
1860	639	238.932	12.609
Total		2010.333	322.368

A note containing the details of existing and proposed Land Use has been uploaded as Additional documents in the Online application in Form B (attached as Annexure 1)

21/11/19  
General Manager  
BIOM, Kirandul Complex

29/01/2019  
Sr. mgr (Env.)

29/01/2019  
21/11/19

31.01.19

# **Annexure-1**

(Online Application in Form B)

**FORM - B**

Form for seeking prior approval under Section-2 of the proposals by the State Governments and other authorities, in respect of renewal of leases, which have been earlier granted clearance under Forest (Conservation) Act, 1980

**PART - I**

(To be filled up by User Agency)

**A. General Details**

A-  
1. Project Details

(i). Proposal No. : FP/CG/MIN/31401/2018

(ii). Name of Project for which Forest Land is required : Proposal for Renewal of mining lease over 322.368 Ha. of reserve forest land for Bailadila Iron Ore Mine, Kirandul Complex in South Bastar Dantewada District of Chhattisgarh in favour of NMDC Limited

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required : ML of Bailadila Deposit-14 over 322.368 Ha Forest land is valid upto 31/3/20 as per M.M (D&R) Act, 2015. FC obtained from MOEF on 18/6/99. As per Rule 3(3) of Mineral (MGC) 2015, lease period can be extended further upto 20 years. NMDC is submitting FC Application for renewal of ML over 322.368HaFL.

(iv). State : Chhattisgarh

(v). Category of the Project : Mining

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

(vii). Estimated cost of the Project(Rupees in lacs) : 66259

(viii). Area of forest land proposed for diversion(in ha.): 322.368

(ix). Non-forest land required for this project(in ha.): 0

(x). Total period for which the forest land is proposed to be diverted(in years): 20

A-  
2. Details of User Agency

(i). Name : NMDC LIMITED BIOM KIRANDUL

(ii). Address1 : Bailadila Iron Ore Mines Kirandul Complex

(iii). Address2 : NIL

(iv). State : Chhattisgarh

(v). District : Dantewada

(vi). Pin : 494556

(vii). Landmarks : NIL

(viii). Email address : rick6810@nmdc.co.in

(ix). Landline Telephone No. : 255227

(x). Fax No. : 256335

(xi). Mobile No. : 9406005328

(xii). Website (if any) : www.nmdc.co.in

(xiii). Details of Proposals seeking prior approval of Central Government under the Act for diversion of forest land submitted by the User Agency in the past : No

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

A-  
3. Details of Person Making Application

(i). First Name: Anjani

(ii). Middle Name: Prasad

(iii). Last Name: Singh

(iv). Gender: Male

(v). Designation: Manager (Environment)

(vi). Address 1: Bailadila Iron Ore Mines NMDC Kirandul Complex

(vii). Address 2: NIL

(viii). State: Chhattisgarh

(ix). District: Dantewada

(x). Tehsil: Dantewada

(xi). Pin: 494556

(xii). Landmarks: Kirandul

(xiii). Email Address: rick6810@nmdc.co.in

(xiv). Landline Telephone No.: 255227

(xv). Fax No.: 07857256335

(xvi). Mobile No.: 9406005328

(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: Documents of User Agency

A-  
4. Details of approvals under the Forest (Conservation) Act , 1980 accorded in the past

Serial No	Proposal No	MoEF File No	Date of approval	Area of forest land diverted	Period of diversion
1	FP/CG/MIN/311/1997	8-41/1997-FC	18 Jun 1999	322.368	20

A-  
5. Status of compliance to conditions stipulated in the previous approvals

Serial No	Proposal No	MoEF File No	Conditions stipulated by the MoEF	Details of the compliance
1	FP/CG/MIN/311/1997	8-41/1997-FC	i. Legal status of forest land shall remain unchanged.	i. Noted.
2	FP/CG/MIN/311/1997	8-41/1997-FC	ii. Compensatory forestation will be carried out over 295.516 ha of degraded forest land at project cost.	ii. NMDC deposited an amount of Rs.98,02,822/- with DFO, Dantewada on 7.5.99 in the form of D.D for raising compensatory afforestation over 295.216 Ha degraded forest land.
3	FP/CG/MIN/311/1997	8-41/1997-FC	iii. Penal Compensatory afforestation will be carried out over 644.736 ha of degraded forest land at project cost.	iii. NMDC deposited an amount of Rs.2,14,04,303/- with DFO, Dantewada on 7.5.1999 for raising penal CA over 644.736 ha degraded forest land.
4	FP/CG/MIN/311/1997	8-41/1997-FC	iv. Entire land covered by mining lease should be kept free from encroachments and existing	iv. Noted. There is no encroachment within the mining lease.

## Form B Report

			encroachments should be removed immediately.	
5	FP/CG/MIN/311/1997	8-41/1997-FC	v. Mining activity will be restricted to broken up forest land only. The area under afforestation and they are to be afforested will not be used for any other purpose such as mining or infrastructure facilities, etc. in future.	v. Noted. Mining activity is restricted to broken up forest land only.
6	FP/CG/MIN/311/1997	8-41/1997-FC	vi.No felling of trees shall be done.	vi. Noted.
7	FP/CG/MIN/311/1997	8-41/1997-FC	vii.Afforestation will be carried out over 79.048 ha. Of blank area at the project cost. A detailed afforestation scheme of native tree species in this regard including phasing will be prepared in consultation with the state Forest Department and submitted to this Ministry within six months positively. A committee consisting of CF (Central), Regional Office, Bhopal, CF in the Nodal Office of the state Govt. and CF (Territorial) shall monitor the progress of this condition. The entire 147.758 ha area (68.710 ha. Already afforested and 79.048 ha. To be afforested) will be fenced at the cost of user agency and maintained as green area.	vii. NMDC has carried out afforestation over 79.048 Ha blank areas of Bailadila Deposit-14 ML through State Forest Department. The afforestation scheme prepared by NMDC and Forest Deptt, Dantewada is enclosed as Annexure-1. A certificate issued by DFO, Dantewada is enclosed as Annexure-2. The afforestation scheme is intimated to MoEF, New Delhi / RO, Bhopal and State Forest Deptt vide letter dated 2/6/2000 (Annexure-3). The entire area of 147.758 Ha is kept as green belt.
8	FP/CG/MIN/311/1997	8-41/1997-FC	viii. Fencing, protection and regeneration of the safety zone area will be done at the project cost. Besides this afforestation over one and a half times of safety zone area in degraded forest elsewhere will be done at the project cost.	viii. NMDC has deposited an amount of Rs2,50,41,534/- on 7/5/99 with Forest Deptt, Dantewada for the above purpose. MoEFCC circular no: 11-125/2014-FC dated 27/5/2015 clarified that safety zone shall be kept within the mining lease boundary. Accordingly, safety zone fencing and plantation is being undertaken within 7.5m of ML boundary. In this connection, MoU was also signed between NMDC Ltd, Kirandul

				complex and CGRVVN Limited, Jagdalpur on 15/05/2017 for carrying out safety zone plantation and fencing work. Work is under progress.
9	FP/CG/MIN/311/1997	8-41/1997-FC	ix. Demarcation of mining lease area will be done on the ground at project cost using four feet high reinforced cement concrete pillars with serial numbers, forward & back bearings and distance from pillar to pillar.	ix. NMDC has already carried out erection of 4 feet tall cement concrete pillars along the lease boundary. The DGPS coordinates of the same have been mentioned on the pillars along with serial number and distance from pillar to pillar.
10	FP/CG/MIN/311/1997	8-41/1997-FC	x. The user agency will make arrangement for free supply of fuel wood preferably alternate energy source to labourers and staff working on the project site so as to avoid any pressure on the adjacent forest areas.	x. All the employees of NMDC are provided with electricity on subsidized rates. A Gas cooperative distribution agency has been established and is run by NMDC which aims to provide gas connections to employees and local people. A total of 3350 gas connections have been provided in Kirandul complex till date. Apart from above, NMDC along with NGO "Samayata Math", distributed bio-stove to following villages in 2014-15: Lendra (78), Madadi (228), Penta (170), Kadampal (208), Cholnar (196), Kalepat (128).
11	FP/CG/MIN/311/1997	8-41/1997-FC	xi. Reclamation of lease areas will be done concurrently in consultation with the State Forest Department at the cost of user agency.	xi The iron ore mines at Bailadila are being operated at top of hills where mining is done by knocking off benches with 12m bench height. The pits are formed after removing 90 to 100m height of the hills. As the ore is further extending up to 200 to 250m from the existing levels, all the working pits needs to be extended vertically as well as laterally. Because of which the reclamation couldn't be done concurrently along with iron ore mining unlike as Bauxite and Coal Mining, where the mineralized zones are shallow. Moreover, due to increased mineable reserves based on exploration data, the mines shall be worked at further depths. As per the schemes approved

				by I.B.M., reclamation in Deposit-14 is to start from the year 2028. However, NMDC has paid penal compensatory Afforestation charges of Rs. 10,86,91,947/- on 16/7/16 over the degraded forest land equal in extent to the broken up area (199.195 Ha) in deposit -14, which was not reclaimed.
12	FP/CG/MIN/311/1997	8-41/1997-FC	xii.The period of permission under the Forest (Conservation) Act, 1980 will be for 20 years co-terminus with lease under MMRD Act, 1957 and w.e.f. date of expiry of previous lease.	xii. Noted. As per M.M (D.R) Amendment Act, 2015 and MoEFCC circular number F. No:11-51/2015 dated 1.4.2015, in case of existing mining leases, the period of validity of approvals accorded under F.C. Act shall be extended, and shall be deemed to have been extended upto a period co-terminus with the period of mining lease in accordance with provisions of MMDR Act as amended subject to some conditions such as payment of NPV charges. As per condition no: (i) of MoEFCC letter dated 1/4/15, NMDC has deposited NPV amount of Rs.30,27,03,552/- through RTGS in CAMPA account. (Rs.1.11 Cr on 21/4/11 and Rs.29.15 Cr on 15/12/14).
13	FP/CG/MIN/311/1997	8-41/1997-FC	xiii.The enclosed environment safeguards will be strictly adhered to by the lessee.	xiii. NMDC is committed towards environment protection and abides by all the environment related conditions mentioned in F.C.
14	FP/CG/MIN/311/1997	8-41/1997-FC	xiv.The approval under the Forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986.	xiv. Noted. NMDC obtained Environmental clearance for integrated project i.e Bailadila Deposit-14/11C, Kirandul from MOEFCC, New Delhi vide letter no: J-11015/483/2007.IA.II(M) dated 11/9/2007.
15	FP/CG/MIN/311/1997	8-41/1997-FC	xv. Any other condition that the State Government or the Chief Conservator of Forests (Central), RO, Bhopal may impose from time to time in the interest of afforestation and protection of forest.	xv. Agreed.

A-  
6.

Details of payments made in respect of the approval under the Forest (Conservation) Act , 1980 accorded in the past

Serial No	Proposal No	MoEF File No	Item/Nature	Amount paid (in Rupees)	Date of Payment
1	FP/CG/MIN/311/1997	8-41/1997-FC	Net present value	29,15,54,552	15 Dec 2014
2	FP/CG/MIN/311/1997	8-41/1997-FC	Compensatory Afforestation	9802822	07 May 1999
3	FP/CG/MIN/311/1997	8-41/1997-FC	Penal Compensatory Afforestation	21404303	07 May 1999
4	FP/CG/MIN/311/1997	8-41/1997-FC	Safety Zone	25041534	07 May 1999
5	FP/CG/MIN/311/1997	8-41/1997-FC	Others	11149000	21 Apr 2011
6	FP/CG/MIN/311/1997	8-41/1997-FC	Others	108691947	16 Jul 2016
7	FP/CG/MIN/311/1997	8-41/1997-FC	Others	865531	19 Jun 2006

A- Details of the forest land returned back to the State Forest Department or any other Authority from the forest land diverted in favour of the user agency

(i). Details of the forest land returned back to the State Forest Department or any other Authority from the forest land diverted in favour of the user agency: No

Serial No	Area	No of patch	Area of patch	Uploaded patch	Uploaded GPS	Date of return	Authority	Uploaded documentary proof
<b>NIL</b>								

A- Details of the forest land proposed to be returned/surrendered to the State Forest Department or any other Authority from the forest land diverted in favour of the user agency

A- Details of Transfer of Lease

Serial No	Name of person	Address of person	Date of transfer	MMDR File	Transfer Deed	Conservation	MoEF_file No	Date of approval	MoEF file
<b>NIL</b>									

B. Details of land required for the Project

B- 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

(i). Whether any proposal seeking prior approval of Central Government under the Act for diversion of forest land required for the project has been submitted in the past? : No

B-

## 2. Details of forest land proposed to be diverted

## B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Dantewada	322.368	0

## B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Dantewada	322.368	0


## B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	Kadampal & Kodonar	322.368	0

## B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Area under Mining	86.55	0
2	Area under waste dumps	44.22	0
3	Area under Infrastructure	43.84	0
4	Area under afforestation	147.757	0

C. Maps of forest land proposed to be diverted

Division 1. : Dantewada		
(i). Area of forest land proposed to be diverted(in ha.) : 322.368		
(ii). : Non Linear		
(a). No. of patches : One		
Patch wise details		
Patch No.	Area of Patch(in ha.)	Kml File of Patches
1.	322.368	 <a href="#">View File</a>

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

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

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: 2111512112168U70AAnnexurejustiifcationdep14ml.pdf

E. Employment likely to be generated

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

(ii). Permanent/Regular Employment(Number of persons): 1600

(iii). Temporary Employment(Number of person-days): 1000

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

(i). Whether Project involves displacement?: No

G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: No

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-11015/483/2007/IA.II(M)

(c). Copy of Environmental Clearance to the Project: 21115121121614AnnexureECletter.pdf

(d). Date of grant of Environmental Clearance to the Project: 11 Sep 2007

I. Status of Wildlife Clearance

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

**J. Applicability of special provisions governing Scheduled Areas**

(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 Acts 2006 on the forest land proposed to be diverted has been completed? : Yes

(a). Copy of documentary evidence in support of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted:  
[211151211216V8QYHAnnexureFRACertificateDep14.pdf](#)

**L. Details of land identified for Compensatory Afforestation**

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: NIL

(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?: NIL

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

Serial No	Period	Date of grant/renewal	Designation of authority	Copy of grant of the mining lease	Date of execution	Copy of the lease deed
NIL						

(i) Nature and quantity of mineral actually extracted from the forest and non-forest land NIL

Serial No	Mineral	Qty. of ore proposed to be extracted during the lease period		Qty. of ore actually extracted during the lease period	
		Forest land	Non-Forest land	Forest land	Non-Forest land
1	Iron Ore	96.535	0	73.064	0

Application under the Mineral Concession Rules, 1960 for renewal of the mining lease : Yes

**M-2**  
**Details of Mining Plan**

(i)  
 Date of approval of mining plan : 16 Mar 2016

(ii)  
 Approval authority : RCOM IBM Nagpur

(iii)

Copy of approval of mining plan : Approval of mining plan

(iv)

Copy of approved mining plan : Approved mining plan

(v)

Nature of mining (underground/opencast) : Opencast

(vi)

Copy of the detailed land use plan in 14,000 scale prepared by using DGPS or Total Station : Copy of the detailed land

(viii). Copy of map of the outer boundary of mining lease area: Annexure of outer boundary of mining lease

M-3 Details of prospecting undertaken to assess mineral reserves

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

(i)

Extension of original prospecting license was extended : No

Serial No	Designation of authority	Date of grant	From date	To Date	Copy of the approval accorded for extension
NIL					

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

(i)

Detail of prospecting activity under taken in the mining lease : NMDC is exploring the lease area approximately 100m x 100m grid and few bore holes were drilled in 50m x 50m grid also and samples analysed. Lease area was mapped in 1: 2000 scale. Reserves were estim

M-

5.1 Details of bore holes drilled for prospecting

Serial No	No. of Bore holes	Diameters(inch)	No. of Bore holes	Diameters(inch)
1	345	4.5	0	0

M-

5.2 Estimated Reserve along with accuracy and confidence level

Serial No	Mineral	Estimated Reserve in forest land			Estimated Reserve in non-forest land		
		Estimated Reserve	%accuracy	%confidence level	Estimated Reserve	%accuracy	%confidence level
1	Iron Ore	365.62	85	85	0	0	0

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

(i)

Approval under the Forest(Conservation) Act, 1980 for undertaking prospecting activities in the forest land : No

## M-7 Mineral wise details

Number of minerals : NIL

Serial No	Minerals	Estimated non forest land	Estimated forest land	Proposed annual extraction	Estimated life of mine	Total extraction	Estimated mineral
1	Iron Ore	0	365.62	10	38	149	216.62

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

(ii) Copy of details of the plan for the transportation of the minerals :

Additional information Details

Documents		
S.No	Documents	Remarks
1		Covering letter to APCCF (LM), Forest Deptt, Raipur
2		Lease deed grant order till 2020.
3		Lease deed agreement for the year 2015 to 2020
4		Annexure 1 to 3 for compliance to condition no: vii of F.C. letter dated 18/6/1999.
5		Mineral (Mining by Govt. Company) Rules 2015
6		Outer boundary of ML area.
7		Intermediate boundary pillar coordinates
8		EDS reply to queries raised by Nodal Officer on 20th April 2018 uploaded.
9		Authenticated DGPS survey report by DFO Dantewada
10		IBM Approval letter for Mining Plan
11		Google image showing existing land use of Deposit-14 M.L. area
12		Dep-14 ML showing existing and proposed land use plan.
13		Registration and processing fee details
14		Form J
15		Statement regarding

9/11/2018

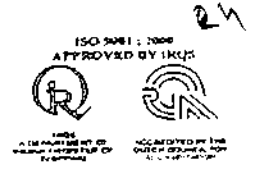
Form B Report

		existing and proposed Land Use pattern of deposit 1.4 ML
16		EDS reply dated 6 September 2018 for queries raised on 28 August 2018



एनएमडीसी लिमिटेड  
NMDC LIMITED

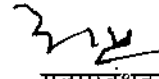
(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं.-4

गैर वन क्षेत्र का विवरण

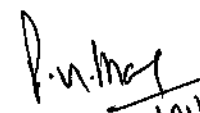
एनएमडीसी लिमिटेड, बी.आई.ओ.पी. किरन्दुल, जिला-दक्षिण वस्तर दंतेवाड़ा के द्वारा बचेली परिक्षेत्र में रकबा 322.368 हे. आरक्षित वन भूमि आवेदित की गई है। प्रस्तावित क्षेत्र में गैर वन भूमि सम्मिलित नहीं है।

  
महाप्रबंधक 31/01/19

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

  
29/01/2019

रजनीश सिंह  
29/01/2019  
वरिष्ठ प्रो. (पर्यावरण)

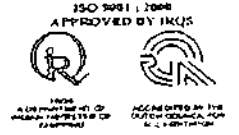
  
31/01/19

विरथ कुमार  
31.01.19




एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं.-5

प्रत्यावर्तित हेतु प्रस्तावित वन क्षेत्र का सर्वे ऑफ इंडिया का मूल टोपोशीट 1:50000 स्केल पर प्लेट-1 में संलग्न है।

  
महाप्रबंधक 31/01/19

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

  
29/01/19

शंषी सिंह  
29/01/2019  
वरिष्ठ प्रो (पर्याव)

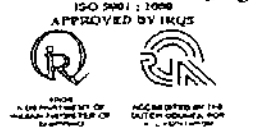
  
31/01/19

विरथ कुमार  
31.01.19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं.-6

इन्डैक्स मैप

वन क्षेत्र का इन्डैक्स मैप प्लेट-11 मंलन है।

महाप्रबंधक 31/01/19

बी.आई.ओ.एम., किरन्दुल कॉम्पलेक्स

29/01/19

ए.पी. सिंह  
29/01/2019  
वरिष्ठ प्रबन्धक (पत्रांक)

P. N. Mohan  
31/01/19

विरभक्तु मर्  
31.01.19



# एनएमडीसी लिमिटेड

## NMDC LIMITED


(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
 CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
 Bailadila Iron Ore Mine, Kirandul Complex  
 Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



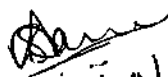
कंडिका नं.-7

प्रपत्र - 4

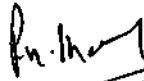
यह प्रकरण नवीनीकरण हेतु एम.ओ.ई.एफ एवं सी.सी के ऑन लाईन पोर्टल में प्रारूप-बी में आवेदन की गई है। फॉर्म- बी की प्रति (संलग्न दस्तवेज के साथ) संलग्न - 1 में प्रेषित है। वन भूमि प्रत्यावर्तन का प्रस्ताव दिनांक 19/09/2018 को प्रस्ताव क्रमांक FP/CG/MIN/31401/2018 द्वारा पंजीकृत किया गया है। आवेदक संस्थान द्वारा पंजीयन एवं प्रोसेसिंग शुल्क पृथक पृथक राशि 6000/- रूपए DD क्रमांक - 872002, दिनांक 04-09-2018 एवं 1,15,000/- रूपए DD क्रमांक - 872001 दिनांक 04-09-2018 द्वारा जमा की जा चुकी है।

  
 महाप्रबधक 31/11/19

बी.आई.ओ.एम., किरन्दुल कॉम्पलेक्स

  
 29/09/19

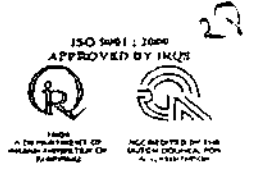
विशेषज्ञ 31.01.19

  
 31/01/19



एनएमडीसी लिमिटेड  
NMDC LIMITED


(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India




कंडिका नं.-8

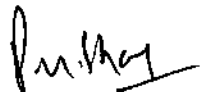
प्रोजेक्ट पर विस्तृत टीप

प्रोजेक्ट पर विस्तृत टीप फार्म 'बी' में वर्णन किया गया है।

  
महाप्रबोधक 31/01/19

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

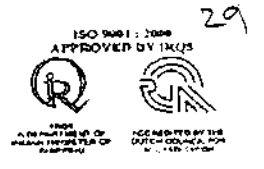
  
29/01/2019  
संजीव सिंह  
29/01/2019  
वरिष्ठ प्रब (परिच)

  
31/01/19  
विश्वकृष्ण  
31.01.19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



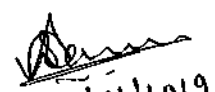
Check list-No- 9.

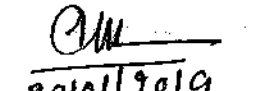
TO WHOM IT MAY CONCERN

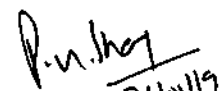
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of Mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

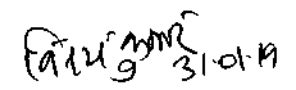
Cost of compensation afforestation was paid at the time of 1st Renewal of Mining lease under forest conservation act 1980. Hence, it is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mgr (Env)

  
31/01/19

  
31-01-19



# एनएमडीसी लिमिटेड NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



30


कंडिका नं. - 10

## प्रमाण पत्र


प्रमाणित किया जाता है कि यह प्रकरण स्थल विशिष्ट है, जिसमें लौह अयस्क का खनन संचालित है। हमारी जानकारी में इस क्षेत्र के विकल्प में वन भूमि के सिवाय कोई अन्य भूमि उपलब्ध नहीं है।

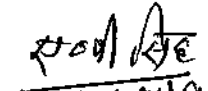
साथ में प्रमाणित किया जाता है कि प्रस्तावित भूमि 322.368 हेक्टेयर बैलाडिला लौह अयस्क माईन किरन्दुल कॉम्प्लेक्स, जिला दक्षिण बस्तर दन्तेवाड़ा के लिये पूर्ण रूप से आवश्यक है।

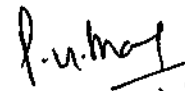
अतः वन भूमि की मांग न्यूनतम है।

  
महाप्रबन्धक

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

  
29/01/19

  
29/01/19  
वरिष्ठ प्र० (पत्रांग)

  
31/01/19

विनय कुमार  
31-01-19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India

31




Check list-No- 11.

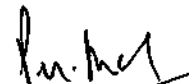
**Environmental Clearance Certificate**

Environment clearance has been accorded by Gol, MoEF, New Delhi vide their Letter No. J-11015/483/2007-1A.II (M) dated 11.09.2007. A copy of letter is enclosed as Annexure-2.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env.)

  
31/01/19

विश्वं कुम्भ  
31.01.19

**Annexure-2**  
(Environment Clearance)

✓ 33

J-11015/483/2007- IA. II (M)  
Government of India  
Ministry of Environment & Forests

Telefax: 011-24367257  
e-mail: w.bharat@nic.in  
Paryavaran Bhavan, C.G.O. Complex,  
Lodi Road, New Delhi-110003.  
Dated: the 11<sup>th</sup> September, 2007

To

M/s. National Mineral Development Corporation Ltd.  
Khanij Bhavan 10-3-311/A,  
Castle Hills, Masab Tank,  
Hyderabad - 500 028

*Sub: Expansion project of Bailadila Iron Ore mine (ML area 935.522 ha)  
Deposit No. 14/11C at Bailadila Range Hills at village Kirandul, South  
Bastar, Dantewada Distt., Chhattisgarh - reg. environmental clearance.*

Sir,

The undersigned is directed to refer to the office memorandum received from the Ministry of Steel vide letter no. F.No.6 (5)2007-RMI, dated 29.05.2007, on the above mentioned subject. The Ministry of Environment and Forests has examined the application.

2. It is noted that the proposal is for expansion of open cast mechanized iron ore mining at Deposit-14 from 3.2 MTPA to 5.0 MTPA and Deposit-11C from 5.0 MTPA to 7.0 MTPA. The following has been noted from the information provided by you. The mines are located at Bailadila range hills at village Kirandul, South Bastar, Dantewada District, in Chhattisgarh. The mineral reserve of Deposit-14 is 150.94 MT and life of the Deposit 14 will be 30 years at the proposed rate of production. The mineral reserve of Deposit-11C is 72.56 MT and the life of this deposit at proposed production will be 15 years. Mining is proposed to be carried out from hill top in both the deposits. There will be no ground water intersection due to mining activity. Water requirement for the expansion will be about 8540 Kld which will be met from existing Nallahs in Mallinger, Bachel and Kirandul. The mines spread over an area of 935.522 ha which falls in Bailadila reserved forests. Forestry clearance has been obtained on 18.06.1999 and 22.12.1999 respectively. No displacement of household is involved due to proposed expansion. No national park/wildlife sanctuary/biosphere reserve etc. is located within 10 km radius of the ML area. No ground water extraction is involved. The total quantity of solid waste to be generated is 54334m<sup>3</sup>/m. Green belt development is being undertaken through Chhattisgarh Raj Van Vikas Nigam Ltd. since 2003. It is proposed to plant 50,000 trees every year outside the ML area also. It is also noted that Public hearing of the project was held on 13.06.2006. IBM has approved Mining scheme and progressive mine closure plan on 01.04.2006 & 12.03.2007 respectively. Cost of the project is Rs.350.0 crores.

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006 and its interim operational guidelines issued on October 13, 2006.

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated September 14, 2006, subject to the compliance of the following Specific and General conditions:

Cont'd.....

A. Specific conditions

- (i) Appropriate management of slime shall be undertaken to prevent pollution of surface water bodies. As per action plan submitted to the Ministry of Environment & Forests for utilisation of slime including additional slime to be generated due to proposed expansion, the slime shall be utilised for pellets manufacturing after beneficiation.
  - (ii) Detailed report on de-silting of tailing dams and management of silt shall be submitted to the Ministry of Environment & Forests at regular interval.
  - (iii) Assessment of erosion potential and sedimentation control plan shall be carried out and submitted to the Ministry.
  - (iv) Conceptual mining plan for every five year for the life of the mine shall be submitted to the Ministry for record. Water bodies shall be developed and utilized to develop pisci-culture by organizing fishermen cooperative society with the land losers and the poorer section (specially tribals) of area opted as members of such society. Financial assistance in the form of share money and managerial assistance shall be made available so that the members themselves can run the affairs of the society in due course. The project proponent shall arrange marketing tie up so that the society gets fair price of their produce and the profits are equitably shared by the members of the society as regular source of income.
  - (v) Top soil/ solid waste shall be stacked properly with proper slope with adequate safeguards and shall be backfilled (wherever applicable) for reclamation and rehabilitation of mined out area.
  - (iv) Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10 m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.
  - (v) Garland drains shall be constructed to arrest silt and sediment flows from soil, and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly.
- Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
- (vi) Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
  - (vii) Drilling and blasting (if any) shall be conducted by using dust extractors/wet drilling.

Contd...

- (viii) Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Plantation shall be raised in 308.73 ha in the ML area, haul roads, OB dump sites etc. The density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self help group for plantation programme.
  - (ix) The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
  - (x) Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year – pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.
  - (xi) The waste water from the mine shall be treated to conform to the prescribe standards before discharging in to the natural stream. The discharged water from the tailing dam shall be regularly monitored and report submitted to the Ministry of Environment & Forests, Central Pollution Control Board and the Andhra Pradesh Pollution Control Board.
  - (xii) Prior permission from the competent authority shall be obtained for extraction of ground water, if any.
  - (xiii) Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of ores for transportation shall be committed.
  - (xiv) A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environment & Forests, 5 years in advance of final mine closure for approval.
- B. General conditions**
- (i) No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.
  - (ii) No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
  - (iii) Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forest and wildlife department.
  - (iv) Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features

Cont'd.....

-4-

and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

- (v) Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, Nox) should be regularly submitted to the Ministry including its Regional office located at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
- (vi) Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
- (vii) Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs.
- (viii) Industrial waste water (workshop and waste water from the mine) shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time.
- (ix) Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
- (x) Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Records of health of the workers shall be maintained.
- (xi) A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (xii) The project authorities shall inform to the Regional Office of the Ministry located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (xiii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.
- (xiv) The project authorities shall inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- (xv) The Regional Office of the Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xvi) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
- (xvii) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office / Tehsildar's Office for 30 days.

Cont'd...

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135

(xviii) The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located Bangalore.

5. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.


7. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Yours faithfully,

  
(W. Bharat Singh)  
Deputy Director

Copy to:

1. Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment, Government of Chhattisgarh, Raipur.
3. Secretary, Department of Mines and Geology, Government of Chhattisgarh, Raipur
4. Secretary, Department of Forests, Government of Chhattisgarh, Raipur.
5. Chief Wildlife Warden, Government of Chhattisgarh, Raipur
6. Chief Conservator of Forests, Regional Office, Ministry of Environment & Forests, Arera Colony, Bhopal - 462016.
7. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
8. Chairman, Chhattisgarh Environment Conservation Board, Nanak Niwas, Civil Lines, Raipur - 421 001, Chhattisgarh.
9. Member Secretary, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
10. Controller General, Indian Bureau of Mines, Indra Bhavan, Civil Lines, Nagpur- 440 001.
11. District Collector, Dantewada, Govt. Chhattisgarh.
12. E1 Division, Ministry of Environment & Forests, Paryavaran Bhawan, New Delhi.
13. Monitoring File.
14. Guard File.
15. Record File.

  
(W. Bharat Singh)  
Deputy Director



एनएमडीसी लिमिटेड

**NMDC LIMITED**

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)

**CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674**

Bailadila Iron Ore Mine, Kirandul Complex

Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India

36



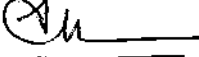
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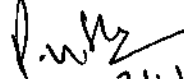
**Tree Enumeration report of mining lease 14 ML**

Tree enumeration report is enclosed as Annexure- 3.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env)

  
31/01/19

पित्तलुगुम  
31.01.19

# **Annexure-3**

(Tree Enumeration Report)

**14 माइनिंग लीज  
वृक्ष गणना रिपोर्ट  
(दिनांक 05.12.2013 से 31.01.2014 तक)**

**प्लॉट क्रमांक 01**

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

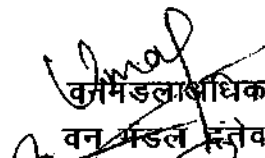
अक्षांश Latitude	देशांश Longitude
18°37'26.50"N	81°13'44.90"E
18°37'24.20"N	81°13'42.20"E
18°37'22.80"N	81°13'43.00"E
18°37'23.20"N	81°13'45.50"E

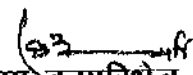
विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।

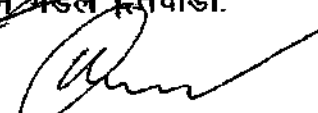
प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
निलगिरी	26	93	92	66	12	2	-	-	291
बीजा	1	-	-	-	-	-	-	-	1
बेहडा	-	-	1	-	-	-	-	-	1
साजा	2	1	1	-	-	-	-	-	4
चार	1	1	-	-	-	-	-	-	2
अन्य	37	59	26	1	1	0	0	0	124
योग	67	154	120	67	13	2	0	0	423
लकड़ी का घनत्व	1.34	6.16	9.6	15.41	7.41	2	0	0	41.92

नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलारु लकड़ी

  
वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

  
उप वनपरिक्षेत्र अधिकारी,  
किरन्दुल.

  
वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

## प्लॉट क्रमांक 02

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

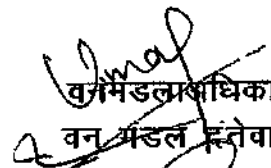
अक्षांश Latitude	देशांश Longitude
18°37'21.90"N	81°13'44.30"E
18°37'22.67"N	81°13'45.68"E
18°37'21.03"N	81°13'49.14"E
18°37'21.90"N	81°13'50.80"E
18°37'22.60"N	81°13'50.90"E


विदोहन का प्रजातियार एवं छाती गोलाईवार विवरण।

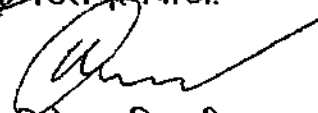
प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
निलगिरी	24	63	44	48	12	3	-	-	194
जामुन	1	1	-	-	-	-	-	-	2
अन्य	-	1	1	3	1	-	-	-	6
योग	25	65	45	51	13	3	-	-	202
लकड़ी का घनत्व	0.5	2.6	3.6	11.73	7.41	3	-	-	28.84

नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलारु लकड़ी

  
वनमंडलाधिकारी,  
वन मंडल दंतवाडा.

  
उप वनपरिक्षेत्र अधिकारी,  
किरन्दुल.

  
वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतवाडा.

## प्लॉट क्रमांक 03

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

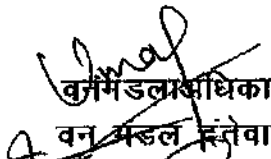
अक्षांश Latitude	देशांश Longitude
18°37'23.60"N	81°13'52.20"E
18°37'23.16"N	81°13'50.03"E
18°37'27.67"N	81°13'56.30"E
18°37'26.50"N	81°13'57.29"E


विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।

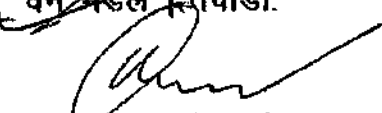
प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
निलगिरी	13	34	38	71	31	9	-	-	196
जामुन	13	13	6	2	-	1*	-	2	37
काला जामुन	-	-	-	1	-	-	-	-	1
साजा	3	4	-	-	-	-	-	-	7
अन्य	87	105	56	37	7	1	1	2	296
योग	116	156	100	111	38	11	1	4	537
लकड़ी का घनत्व	2.32	6.24	8	25.53	21.66	11	1.42	6.8	82.97


नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलारु लकड़ी

  
वनमंडलाधिकारी,  
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वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

## प्लॉट क्रमांक 04

स्थल का जियोग्राफिकल को-आर्डिनेट्स ।

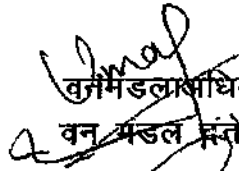
अक्षांश Latitude	देशांश Longitude
18°37'30.19"N	81°13'49.48"E
18°37'28.18"N	81°13'46.99"E
18°37'27.98"N	81°13'50.96"E
18°37'28.30"N	81°13'54.20"E

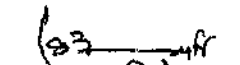
विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।

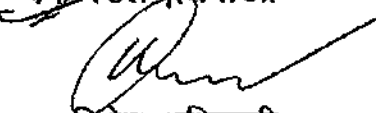
प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
निलगिरी	34	74	39	63	9	-	-	-	219
हर्रा	1	1	-	-	-	-	-	-	2
साजा	-	1	-	-	-	-	-	-	1
अन्य	110	74	27	4	1	0	0	0	216
योग	145	150	66	67	10	0	0	0	438
लकड़ी का घनत्व	2.96	6.24	5.52	16.79	5.7	0	0	0	37.21


नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलारु लकड़ी

  
वनमंडलाधिकारी,  
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वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

## प्लॉट क्रमांक 05

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

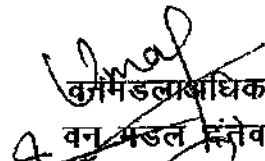
अक्षांश Latitude	देशांश Longitude
18 37 6.60	81 14 6.80
18°37 9.60	81 14 8.10
18°37'4.00"N	81 14 8.90
18°37'3.00"N	81 14 12.80


विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।

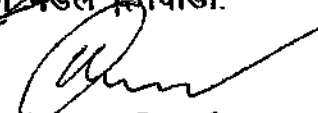
प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
साजा	6	3	-	1	-	1*	-	-	11
जामुन	1	5	1	1	-	-	-	-	8
निलगिरी	-	-	-	-	1	-	-	-	1
अन्य	30	40	21	12	7	3	0	0	113
योग	37	48	22	14	8	4	0	0	133
लकड़ी का घनत्व	0.74	1.92	1.76	3.22	4.56	4	0	0	16.2

नोट - \* (हॉफ साउंड लकड़ी).

अन्य - जलारु लकड़ी

  
 उप-वनमंडलाधिकारी,  
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 वनपरिक्षेत्र अधिकारी,  
 वनपरिक्षेत्र, बचेली.

  
 उप-वनमंडलाधिकारी,  
 वन मंडल दंतेवाडा.

## प्लॉट क्रमांक 06

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

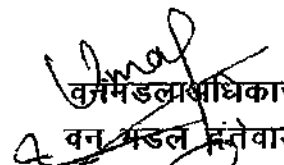
अक्षांश Latitude	देशांश Longitude
18 37 13.7	81 14 6.4
18 37 15.5	81 14 9.6
18 37 17.5	81 14 8.1
18 37 18.1	81 14 4.4


विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।


प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
साजा	50	23	4	1	-	-	-	-	78
आँमला	32	5	-	-	-	-	-	-	37
चार	52	17	2	-	-	-	-	-	71
हर्रा	42	28	7	-	-	-	-	-	77
जामुन	11	15	6	3	-	-	-	-	35
निलगिरी	2	4	8	1	-	-	-	-	15
काशी	1	2	-	-	-	-	-	-	3
बीजा	2	-	-	-	-	-	-	-	2
तेंदु	1	-	-	-	-	-	-	-	1
अन्य	188	104	22	2	0	1	0	0	317
योग	381	198	49	7	0	1	0	0	636
लकड़ी का घनत्व	7.62	7.92	3.92	1.61	0	1	0	0	22.07


नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलाऊ लकड़ी

  
वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

  
वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनपरिक्षेत्र अधिकारी,  
किरन्दुल.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

## प्लॉट क्रमांक 07

स्थल का जियोग्राफिकल को-आर्डिनेट्स।

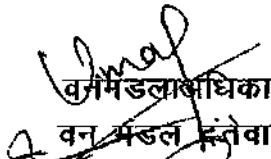
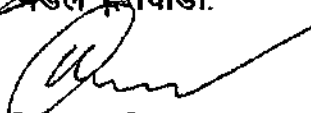
अक्षांश Latitude	देशांश Longitude
18 37 13.7	81 14 6.4
18 37 15.5	81 14 9.6
18 37 17.5	81 14 8.1
18 37 18.1	81 14 4.4

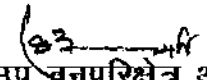
विदोहन का प्रजातिवार एवं छाती गोलाईवार विवरण।


प्रजाति	30 तक	31-45	46-60	61-90	91-120	121-150	151-180	180 से ऊपर	योग
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
निलगिरी	10	9	11	6	1	-	-	-	37
तेंदु	-	1	1	1	-	-	-	-	3
हर्रा	9	4	1	1	-	-	-	-	15
चार	12	9	6	3	-	-	-	-	30
जामुन	7	11	3	1	1	2	2	-	27
आम	-	2	2	-	1	-	1*	-	6
सीरस	-	-	1	-	-	-	-	-	1
साजा	4	3	2	3	2*	-	-	-	14
बीजा	2	2	-	-	-	-	-	-	4
ऑमला	-	-	-	-	1*	-	-	-	1
सीश	1	1	-	-	-	-	-	-	2
अन्य	52	97	63	21	9	3	0	1	246
योग	97	139	90	36	15	5	3	1	386
लकड़ी का घनत्व	1.94	5.56	7.2	8.28	8.55	5	4.26	1.7	42.49

नोट - \* (हॉफ साउड लकड़ी).

अन्य - जलाऊ लकड़ी

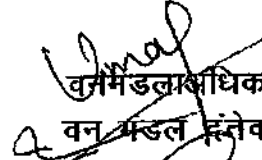
  
 वनमंडलाधिकारी,  
 वन मंडल दंतेवाडा.  
  
 वनपरिक्षेत्र अधिकारी,  
 वनपरिक्षेत्र, बचेली.

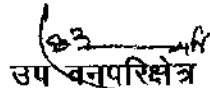
  
 उप वनपरिक्षेत्र अधिकारी,  
 किरन्दुल.


  
 उप वनमंडलाधिकारी,  
 वन मंडल दंतेवाडा.

## सारांश

प्रजाति	30	31-45	46-60	61-90	91-120	121-150	151-180	180	योग
	तक							से ऊपर	
फार्म फेक्टर	0.02	0.04	0.08	0.23	0.57	1	1.42	1.7	
प्लॉट क्रमांक 01	67	154	120	67	13	2	0	0	423
प्लॉट क्रमांक 02	25	65	45	51	13	3	0	0	202
प्लॉट क्रमांक 03	116	156	100	111	38	11	1	4	537
प्लॉट क्रमांक 04	145	150	66	67	10	0	0	0	438
प्लॉट क्रमांक 05	37	48	22	14	8	4	0	0	133
प्लॉट क्रमांक 06	381	198	49	7	0	1	0	0	636
प्लॉट क्रमांक 07	97	139	90	36	15	5	3	1	386
योग	868	910	492	353	97	26	4	5	2755
लकड़ी का घनत्व	17.42	36.64	39.6	82.57	55.29	26	5.68	8.5	271.7

  
वनमंडलाधिकारी,  
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वनपरिक्षेत्र अधिकारी,  
वनपरिक्षेत्र, बचेली.

  
उप वनमंडलाधिकारी,  
वन मंडल दंतेवाडा.

प्रपत्र

वन मण्डल का नाम	परिक्षेत्र का नाम	प्रत्यावर्तित भूमि (क ख कमांक खसरा आदि)	विवरण			रिमार्क
			भूमि का प्रकार	रकबा हें में	विदोहन किये जाने वाले वृक्षों संख्या	
दन्तेवाड़ा	बचेली	1863 (624), 1861(626), 1859(627), 1864(628), 1858(629), 1857(637) & 1860 (639)	आरक्षित वन भूमि	132.493	52146	

नोट:- कुल आरक्षित वन भूमि 322.368 है. जिसमें 132.493 है. में वृक्ष विदोहन प्रस्तावित है।

152  
उपपरिक्षेत्र अधिकारी  
उप परिक्षेत्र डेलाडीला  
परिक्षेत्र बचेली

उप वन मण्डलाधिकारी  
दन्तेवाड़ा (सा०)  
उप वन मण्डल

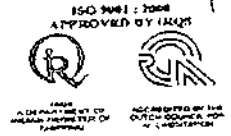
परिक्षेत्र अधिकारी  
बचेली

वन मण्डलाधिकारी  
दन्तेवाड़ा वन मण्डल  
दन्तेवाड़ा



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India




Check List No 13

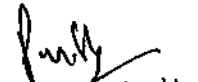
COST / BENEFIT ANALYSIS

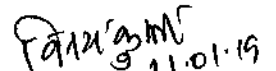
Cost / Benefit analysis is not required for the proposal since the mines are operational.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mgr (Envr)

  
31/01/19

  
31.01.19



एनएमडीसी लिमिटेड

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(भारत सरकार का एक उद्यम) (A Government of India Enterprise)

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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं. -14

- चयनित गैर वन क्षेत्र / निजी भूमि (पंचशाला खसरा की नकल, मानचित्र, सक्षम अधिकारी का हस्तांतरण आदेश)
- राजस्व वन क्षेत्र (संलग्न प्रपत्र में अधिसूचना मय प्रस्ताव तथा 3 प्रति में पृथक से वन संरक्षक के हस्ताक्षर एवं सील सहित आवेगा।)

लागू नहीं है।

General Manager  
BIOM, Kirandul Complex

31/01/19

29/01/19

Sr. Mgr (Env.)

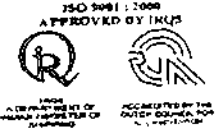
31/01/19

31/01/19



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Balladila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G.), India



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Check list-No- 15.

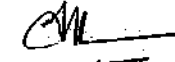
Map adjacent to Non-forest land

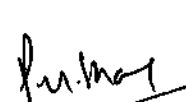
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha of reserve forest land for Deposit — 14 ML near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

Total area applied for diversion of reserve forest land to non-forest purpose is 322.368 Ha. Map adjacent to proposed reserve forest land is enclosed as Plate III.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

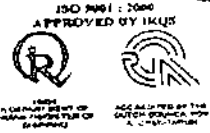
  
29/01/2019  
Sr. Mgr (Env.)

  
31/01/19  
वित्त मन्त्री  
31-01-19



एनएमडीसी लिमिटेड  
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Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



50


Check List No- 16


Site specific compensatory afforestation

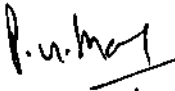
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

Cost of compensation afforestation was paid at the time of 1st Renewal of Mining lease under forest conservation act 1980. Hence, Site specific compensatory afforestation is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex  
31/01/19

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env)

  
31/01/19  
किरंदुल अमि 31.01.19



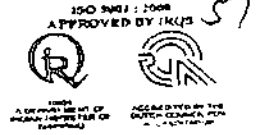
एनएमडीसी लिमिटेड

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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India




Check list-No- 17.

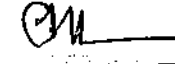
**Certificate from competent authority regarding suitability of area  
identified for compensatory afforestation**

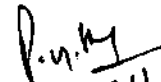
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

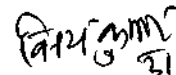
Cost of compensation afforestation was paid by organization at the time of 1<sup>st</sup> Renewal of Mining lease under forest conservation act 1980. Hence, **Certificate from competent authority regarding suitability of area identified for compensatory afforestation** is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env.)

  
31/01/19

  
31-01-19



एनएमडीसी लिमिटेड

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Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India

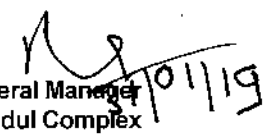


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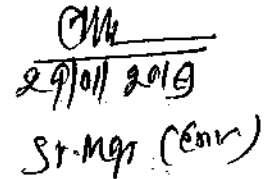
**Any work in violation of the Act**

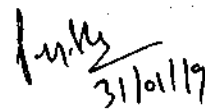
This is to certify that NMDC Limited has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

Any works in violation of Forest Conservation Act 1980 has not been carried out by the Project.  
Hence, it is not applicable.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mg (Env)

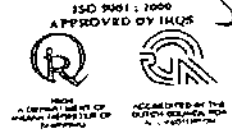
  
31/01/19

वित्त उपाय  
31.01.19



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NMDC LIMITED

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Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India




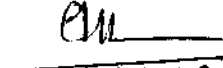
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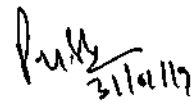
Officer responsible for violation of Act

This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

Any works in violation of Act has not been carried out by officer. Hence it is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex

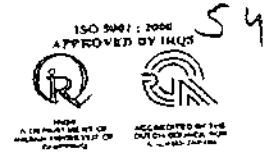
  
29/01/2019  
  
29/01/2019  
Sr. Ngr (Engr)

  
31/01/19  
विद्यमान  
31-01-19



एनएमडीसी लिमिटेड  
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(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 20.

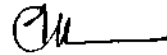
Action taken against Officers / Employee

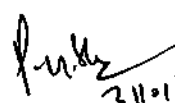
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

Any works in violation of Act has not been carried out by officer. Hence it is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env.)

  
31.01.19  
विद्युत मंत्री  
31.01.19



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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 21.

**Certificate from Chief Secretary for Non-availability non forest land**

This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over an area 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

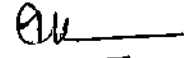
Mining operation is being carried out within in mining lease since 1968.

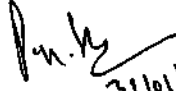
Cost of compensation afforestation was paid by organization at the time of 1st renewal of Mining lease under forest conservation act 1980. **Additional land is not required.**

Hence, it is Not Applicable.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mgr (Env)

  
31/01/19

विश्वनाथ  
31.01.19



एनएमडीसी लिमिटेड

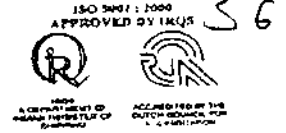
**NMDC LIMITED**

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)

CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674

Bailadila Iron Ore Mine, Kirandul Complex

Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 22.

**Catchment treatment plan**

Catchment treatment plan is enclosed as **Annexure- 4**.

*[Signature]*  
General Manager  
BIOM, Kirandul Complex

*[Signature]*  
29/01/2019

*[Signature]*  
29/01/2019  
Sr. Mgr (Env.)

*[Signature]*  
31/01/19

*[Signature]*  
31.01.19

# **Annexure-4**

(Catchment treatment plan/ Soil Conservation Works)

### Catchment Treatment Plan

Soil erosion control and water conservation works are being regularly carried by local State forest division on behalf the BIOM Kirandul Complex outside the mining leases. NMDC Limited is contributing 100 % financial support to State Forest Department for Soil erosion and control and water conservation adjacent to mining leases. as well to aforesaid, Bio-diversity conservation plan has been prepared by consultant and approved by the Chief wild life warden of Chhattisgarh. Fund allocated in biodiversity conservation plan has been deposited in CAMPA account. Approved copy is enclosed along with forest proposal. As well, NMDC Limited has been taken case for soil erosion control within mining lease.

#### Soil Erosion Control:

- Soil and water conservation works amounting to Rs. 141.01 lakhs were carried out through State Forest Department in RF Compartment Nos.1845, 1850, 1852, 1853, 1858, 1862, 1863, 1865, 1867, 1872, 1873, 1874, 1875, 1888, 1889, 1890.
- In addition to the above, Forest department has carried out assessment of erosion potential, sedimentation control plan and conservation of water & soil in an area of 4325.762 ha. in three phases as given below :

Phase-1	Survey/ Demarcation/ Upchar map/ preparation of project report
Phase-2	Soil Conservation work - 1. Contour trench construction (size-3 m x0.3 m x0.3m) 2. Contour trench construction (size -- 3 m x0.45 m x0.45 m) 3. Check dam construction with soil/ boulders
Phase-3	1. Repairing of Contour trench and check dam constructed during 1 <sup>st</sup> phase 2. Contour trench (Seeding work including seed purchase after half filling and in check dam)

The above works was carried out in 10 RF compartments in Kodonar, Gumiyapal and Purangal of Bacheli Forest Range, at a cost of Rs.100.35 lakhs.

- Also a work order has been given to State Forest Department for carrying out soil conservation works in Paika Nallah and other areas downstream of mine lease areas. The details of scope of the work are as follows:

- Paika nalla bed cleaning work over a length of 492m in RF Compartment no. 1852
- Construction of buttress wall of length 500m over R.F. Compartment no. 1850, 1852
- Construction of Retaining wall on left bank of the Paika nalla over a length of 240m
- Construction of Retaining wall on right bank of Paika nalla over a length of 240m
- Construction of Check Dam over Paika nalla in RF Compartment no. 1850, 1852

#### Soil and Water Conservation works

- Soil -- water conservation works over protected forest compartment nos. -- 1712, 1699,1651,1650,1697,1695,1694,1687 covering a total area of 1918.137 Hectares
- Construction of Check Bunds (20 nos.) over Malangir Nallah (Length - 10 mtr)
- Construction of Check Bunds (15 nos.) over Malangir Sahayak (Length - 5 mtr)
- Construction of Check Bunds (20 nos.) over Madadi Nalla (Length - 10 mtr.)
- Construction of Check Bunds (13 nos.) over Madadi Sahayak Nallah (Length -5 mtr.)
- Construction of Check Bunds (20 nos.) over Perpa Nallah (Length - 10mtr)

- Construction of Check Bunds (17 nos.) over Perpa Sahayak Nalla (Length - 5mtr)
  - BIOM, Kirandul complex has provided additional fund Rs.5.49 Cr. for soil erosion control and water conservation. In this respect, Rs.4.392 Cr. have been paid to forest department as on date. Works are under execution stage.
- Soil and Water conservation works taken by NMDC Limited BIOM, Kirandul complex within the mining leases.
- I. Runoff is being collected at the lowest bench of mining pit to allow for the settlement of suspended solids.
  - II. D-14 (Old waste dump): Buttress walls have been constructed along the toe of old waste dumps to wards Malangir Valley sides to arrest debris coming down.
  - III. D-14 (Toe of BHQ, 1<sup>st</sup> and 2<sup>nd</sup> location): Buttress walls have been constructed along the toe of old waste dumps to wards Malangir Valley sides to arrest debris coming down. Balance work is in progress at site.
  - IV. New waste dumps sites: Buttress walls have been constructed along the toe of old waste dumps to wards Malangir Valley sides to arrest debris coming down. Additional work is in progress at site.
  - V. Earth retaining walls are constructed to prevent sliding of rocks.
  - VI. Buttress walls are constructed at the toe of loose soils to control soil erosion.
  - VII. Proper drainage systems has been developed to stream line the surface run off.
  - VIII. Vetiver grasses have been planted over loose waste rocks within the mining lease to control soil erosion.

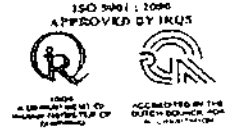


SOIL EROSION AND CONTROL & WATER CONSERVATION WORK TAKEN



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NMDCL LIMITED

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Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



60

Check list-No- 23.

Reclamation plan

Reclamation and rehabilitation of mined out area will be done as per approved mine plan by IBM Govt. Of India, Nagpur/Raipur. A copy of approved mine plan is enclosed. **Annexure- 5.**

*[Signature]* 31/01/19  
General Manager  
BIOM, Kirandul Complex

*[Signature]*  
29/01/2019

*[Signature]*  
29/01/2019  
Sr. Mgr (Env.)

*[Signature]* 31/01/19  
वि.प्र.पु.स.व. 31.01.19

# **Annexure-5**

(Reclamation Plan)

**8.3 Progressive reclamation Plan:** Due to on-going exploration and discovery of additional reserves, mine shall be in expansive phase. Hence no reclamation is proposed.

8.3.1. Mined-Out Land: No proposal for reclamation.

8.3.2 Topsoil Management: Not applicable as topsoil is not available at the site.

8.3.3 Tailings Dam Management: No tailings are generated.

8.3.4 No acid mine drainage has been detected. Hence no mitigative measures are proposed.

8.3.5 There is no subsidence hence no measures are required.

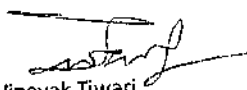
**\*SUMMARY OF YEARWISE PROPOSAL FOR ITEM NO. 8.3 FOR NEXT FIVE YEARS (PERIOD 2015-16 TO 2019-20):**


Life of mine is over 70 years at proposed rate of 5.0 MTPA of ore. The mine shall continue to be in expansion phase for next five years. Hence no progressive reclamation in terms of *Dump Management, Management of Worked out Benches, Backfilling, Rehabilitation of Waste Land within Lease etc.* have been proposed.

अनुमोदित  
**APPROVED**

SUMMARY OF YEARWISE PROPOSAL FOR ITEM NO. 8.3\*

Items	Details	Proposed	Actual	Remarks
Dump management	Area afforested (ha)	Not proposed	N.A.	----
	No of saplings planted			
	Cumulative no of plants			
	Cost including watch and care during the year			
Management of worked out benches	Area available for rehabilitation (ha)	Area not available	N.A.	----
	Afforestation done(ha)			
	No of saplings planted in the year			
	Cumulative no of plants			
	Any other method of rehabilitation (specify)			
Cost including watch and care during the year				
Reclamation and Rehabilitation by backfilling	Void available for Backfilling (L x B x D) pit wise /slope wise	Void not available for backfilling	N.A.	----
	Void filled by waste /tailings			
	Afforestation on the backfilled area			
	Rehabilitation by making water reservoir			
	Any other means (specify)			
Rehabilitation of waste land within lease	Area available (ha)	Area not available	N.A.	----
	Area rehabilitated			
	Method of rehabilitation			
Others (specify)		Not proposed	N.A.	---

  
 Vinayak Tiwari  
 ROP/NGP/433/2012/A

  
 S.S. Prasad  
 ROP/NGP/344/2006/A



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Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India





Check list-No- 24.

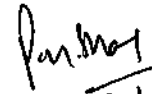
Mining plan

The latest Mine plan approved by IBM is enclosed. **Annexure- 6.**

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mg. (Env.)

  
31/01/19  
किरंदुल कोम्प्लेक्स  
31.01.19

# **Annexure-6**

(Latest Mine Plan approval- Reclamation Plan)



भारत सरकार  
 GOVERNMENT OF INDIA  
 खान मंत्रालय  
 MINISTRY OF MINES  
 भारतीय खान ब्यूरो  
 INDIAN BUREAU OF MINES  
 नागपुर क्षेत्रीय कार्यालय  
 NAGPUR REGIONAL OFFICE

Regd. Parcel  
 छटवीं मंजील, बी एवं सी ब्लॉक,  
 इंदिरा भवन, सिविल लाइन्स  
 नागपुर, 440 001  
 6<sup>TH</sup> Floor, 'B' & 'C' Block  
 Indira Bhavan, Civil Lines  
 Nagpur- 440 001  
 Tele/Fax:2562794,2565089

No. BST/FE/MPLN-435/NGP-15

Date- 16.03.2016

To

✓ M/s. NMDC Ltd,  
 Bailadila Iron Ore Mines, Kirandul Complex,  
 Vill. & Post- Kirandul,  
 Dist:- South Bastar Dantewada,  
 Chhattisgarh,  
 Pin- 494 556

Sub : Approval of Modification in Approved Mining Plan with Progressive Mine Closure Plan in respect of Bailadila Iron Ore Mine, Depost No. 14 MZ (Lease Area 322.368 Ha.) situated in Dist. South Bastar Dantewada of Chhattisgarh State in favour of M/s. NMDC Ltd, under Rule 22 (6) of Mineral Concession Rule, 1960.

- Ref: 1. Your Letter No. MP/Dir(P)/Bld dated 17.08.2015,  
 2. This Office Letter of even No. Dated 27.11.2015  
 3. Your Letter No. KDL.CPLX/14NMZ/MP dated 18.12.2015  
 4. This Office Letter of even No. Dated 28.01.2016.  
 5. Your Letter No. KDL.CPLX/14NMZ/MP dated 23.02.2016

Sir,

In exercise of the power conferred by the Clause (b) of Sub-section (2) of Section 5 of the Mines & Minerals (Development & Regulation) Act, 1957 read with Government of India Order No. S.O. 445 (E) dated 28.04.1987, I hereby APPROVE the above said Modification in Approved Mining Plan alongwith Progressive Mine Closure Plan (PMCP). This approval is subject to following conditions:-

- 1) This Modification in Approved Mining Plan is approved without prejudice to any other law applicable to the area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
- 2) The proposals shown on the plates and/or given in the document is based on the lease map /sketch submitted by the applicant/ lessee and is applicable from the date of approval.
- 3) It is clarified that this approval of Modification in Approved Mining Plan does not, in any way, imply the approval of the Government in terms of any other provisions of the Mines & Minerals (Development & Regulation) Act, 1957 or the Mineral Concession Rules, 1960 and any other laws including Forest (Conservation) Act, 1980 Environment (Protection) Act, 1986, Mines Act 1952 and the rules made there under and the rules made there under.
- 4) This approval of Modification in Approved Mining Plan under Rule 22 (6) of MCR, 1960 is subject to the provision of Forest (Conservation) Act, 1980, Forest Conservation Rules 1981, and other relevant statutes, orders and guidelines as may be applicable to the lease area from time to time.

- 5) The Indian Bureau of Mines has not undertaken verification of the Mining Lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the lease/ applied area shown on the ground with reference to lease map & other plans furnished by the applicant / lessee, as it is the responsibility of the state government & lessee under rule 33 of Mineral Concession Rules, 1960.
- 6) At any stage, if it is observed that the information furnished, data incorporated in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
- 7) The provisions of the Mines Act, 1952 and Rules and Regulations made there under including submission of notice of opening, appointment of manager and other statutory officials as required by the Mines Act, 1952 shall be complied with.
- 8) The execution of the said Modification in Approved Mining Plan shall be subjected to vacations of prohibitory orders/notices, if any.
- 9) This approval of proposed mining operations and associated activities is restricted to the mining lease area only. The mining lease area as shown on the statutory plans under rule 28 of Mineral Conservation and Development Rules, 1988, is by the lessee/ RQP/ applicant and the Indian Bureau of Mines has not undertaken verification of the Mining Lease boundary on the ground.
- 10) Your attention is invited to the Supreme Court interim order in W. P.(C) No. 202 dated 12.12.1996 for compliance. The approval of above said Mining Plan is therefore, issued without prejudice to and is subject to the said directions of the Supreme Court as applicable.
- 11) If anything found to be concealed as required by the Mines Act in the contents of the above said Mining Plan and the proposal for rectification has not been made, the approval shall be deemed to have been withdrawn with immediate effect.
- 12) Yearly report as require under Rule 23E(2) of MCDR, 1988 setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Progressive Mine Closure Plan and, if there is any deviation, reasons thereof shall be submitted before 1<sup>st</sup> July of every year after opening of the mine.
- 13) The next financial assurance shall be due for submission on or before 31/03/2020.
- 14) This approval is given for the received prospective proposals for the year 2015-16 to 2019-20 given in the document subject to all other statutory clearances and the approval is applicable from this date onwards. The earlier instances of irregular mining, if any, shall not be regularized through the approval of this document.
- 15) A copy of the revised lease deed of ML shall be submitted to this office for record.
- 16) A copy of Environment Impact Assessment-Environment Management Plan (EIA-EMP) approved by MOEF (Ministry of Environment & Forests) shall be submitted to IBM immediately after approval by MOEF along with a copy of their approval letter.

- 17) The approval of the above said Modification in Approved Mining Plan alongwith Progressive Mine Closure Plan (PMCP) is subject to the compliance of Ministry of Mines letter number F.No. 10/75/2008-MV, dated 23.12.2010 regarding exploration to be carried out within prescribed time limit as mentioned in the said letter as per UNFC norms.
- 18) This approval is subject to the comments of the State Government received, if any, which will be binding on you for implementation.

Encl.: A approved copy of Modification in Approved Mining Plan alongwith Progressive Mine Closure Plan (Text & Plates)

Yours faithfully,



(Arun Prasad)

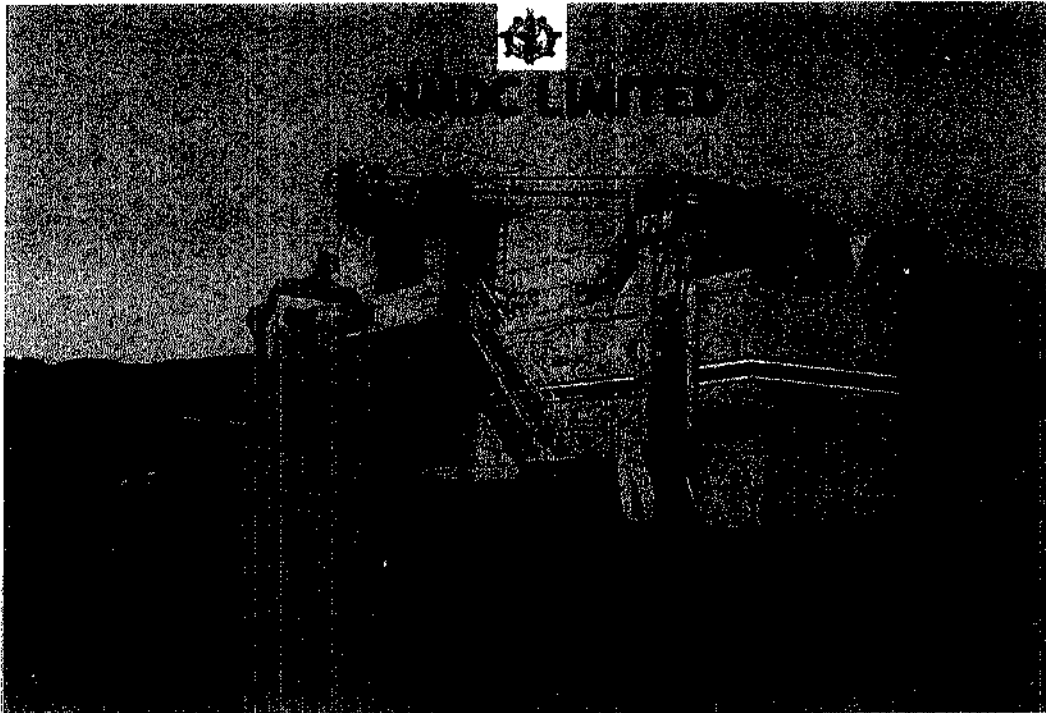
Regional Controller of Mines

Copy for kind information to:-

1. The Director, Directorate of Geology & Mining, Government of Chhattisgarh, Indravati, Bhawan, Block - 4, 2nd Floor, Block - D, Naya Raipur- 492 002 (C.G.) along with one Approved copy of Modification in Approved Mining Plan alongwith Progressive Mine Closure Plan (Text & Plates) by **REGISTERED PARCEL**.
2. Shri. Vinayak Tiwari, DGM (Geology)/ RQP & others, M/s. NMDC Ltd, Bailadila Iron Ore Mines, Kirandul Complex, Vill. & Post- Kirandul, Dist:- South Bastar Dantewada, Chhattisgarh, Pin- 494 556.

(Arun Prasad)

Regional Controller of Mines

**Modified MINING PLAN***(Submitted under Rule 22(6) of M.C.R. 1960)***(01-04-2015 to 31-03-2020)****अनुमोदित  
APPROVED****(Volume 1: TEXT, P.M.C.P. & ANNEXURES)****BAILADILA DEPOSIT 14 MINERALIZED ZONE MINING LEASE  
AREA 322.368 HECT.****COMPLETE AREA DIVERTED UNDER FOREST CONSERVATION ACT 1980,  
BROKEN FOREST AREA: 174.610 HECT & CHANGE IN LAND USE 147.758 HECT.  
(Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)**

**Name of Mine :** Bailadila Iron Ore Mine, Kirandul Complex, Kirandul  
**District :** Dantewada, **State :** Chhattisgarh - 494556  
**Applicant :** N M D C Limited (a Central Public Sector Undertaking)

**Present & Permanent Address of the Applicant**

Shri P K Satpathy, Director(Production) / Nominated Owner.  
 N M D C LIMITED, 10-3-311/A, Castle Hills Masab Tank, Hyderabad-500 173  
 Contact No. - 040 23538706

APRIL 2015

**PREPARED BY:**

SHRI VINAYAK TIWARI,  
 RQP/NGP/433/2012/A,  
 (Valid upto 01-08-2022)  
 DGM (G & MP)

SHRI S. S. PRASAD,  
 RQP/NGP/344/2006/A,  
 (Valid upto 02-07-2016)  
 AGM (MINING)

# MODIFIED MINING PLAN

for

## BAILADILA DEPOSIT 14 MINERALIZED ZONE MINING LEASE AREA (322.368 HECT.)

COMPLETE AREA DIVERTED UNDER FOREST CONSERVATION ACT, 1980,  
BROKEN FOREST AREA: 174.610 HECT & CHANGE IN LAND USE 147.758 HECT  
(Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)



Category of Mine: A (Fully Mechanized)

(Period: 01-04-2015 to 31-03-2020)

अनुमोदित  
APPROVED

[Submitted under Rule 22(6) of M.C.R. 1960]  
VOLUME - 1 (TEXT, PMCP & ANNEXURES)

पत्र संख्या द्वारा



VIDE LETTER No. - BST/FE/MP/433/NGP-15 dated - 16.02.2016

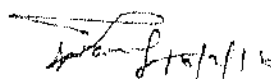
Name of Mine: Bailadila Iron Ore Mine Kirandul Complex, Kirandul  
District: South Bastar Dantewada, State: Chhattisgarh - 494556  
Applicant: N M D C LIMITED (A Central Public Sector Undertaking)


Present & Permanent address of the applicant:


Shri P K Satpathy, Director(Production) / Nominated Owner,  
N M D C LIMITED, 10-3-311/A, Castle Hills Masab Tank, Hyderabad-500 173  
Contact No.- 040 23538706

April, 2015

Prepared by

  
SHRI VINAYAK TIWARI,  
RQP/NGP/433/2012/A,  
(Valid upto 01-08-2022)  
DGM (G & MP)

  
SHRI S. S. PRASAD,  
RQP/NGP/344/2006/A,  
(Valid upto 02-07-2016)  
AGM (MINING)

  
Regional Controller of Mines (N. R.)  
भारतीय खान ब्यूरो कार्यालय  
Indian Bureau of Mines, Nagpur

# MODIFIED MINING PLAN

for  
**BAILADILA DEPOSIT 14 MINERALIZED ZONE  
 MINING LEASE AREA (322.368 HECT.)**

COMPLETE AREA DIVERTED UNDER FOREST CONSERVATION ACT 1980,  
 BROKEN FOREST AREA: 174.610 HECT & CHANGE IN LAND USE 147.758 HECT.  
 (Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)

Category of Mine: A (Fully Mechanized)

Period: 01-04-2015 to 31-03-2020

अनुमोदित  
**APPROVED**

[Submitted under Rule 22(6) of M.C.R. 1960]  
**VOLUME - 1 (TEXT, PMCP & ANNEXURES)**





Name of Mine: Bailadila Iron Ore Mine Kirandul Complex, Kirandul  
District: South Bastar Dantewada, State : Chhattisgarh - 494556  
Applicant: N M D C LIMITED (A Central Public Sector Undertaking)

Present & Permanent address of the applicant:  
 Shri P K Satpathy, Director(Production) / Nominated Owner,  
 N M D C LIMITED, 10-3-311/A, Castle Hills Masab Tank, Hyderabad-500 173  
 Contact No. - 040 23638706

April, 2015

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 SHRI VINAYAK TIWARI,  
 RQP/NGP/433/2012/A,  
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 DGM (G & MP)


  
 SHRI S. S. PRASAD,  
 RQP/NGP/344/2008/A,  
 (Valid upto 02-07-2016)  
 AGM (MINING)

## Modified Mining Plan

[prepared consequent to "Mines and Minerals (Development and Regulation Amendment Act, 2015" as per "IBM Manual on Appraisal of Mining Plan 2014"]

Lease : Deposit 14 Mining Lease  
Area : 322.368 hectares  
Mine : Bailadila Iron Ore Mine Kirandul Complex,  
Kirandul, Chhattisgarh  
Lessee : M/s N M D C Limited, Hyderabad  
Land Type : Bailadila Reserved Forest  
Land : Government Land  
Ownership :  
Safety Zone : 3.867 hectare (within ML area) **अनुमोदित APPROVED**  
Diverted Area : 322.368 hectare  
Date of grant of lease : 12-09-1965  
Date of 1<sup>st</sup> renewal : 12-09-1995  
Lease valid upto : as per MMDR 1957 : 11-09-2015  
as per MMDR 2015 : 31-03-2020  
Validity of last approved scheme : From 01-04-2010 to 31-03-2015  
Validity of modified Mining Plan : From 01-04-2015 to 31-03-2020  
Proposed Capacity of Mine : 5.0 million metric tonne of plant feed per annum


  
Vinayak Tiwari  
RQP/NGP/433/2012/A


  
S.S. Prasad  
RQP/NGP/344/2006/A

Briefing & Content List		1 - 3
Introductory Notes		4
1.0	General	8
2.0	Location and accessibility	9
3.0	Details of approved Mining Plan/Scheme of Mining (if any)	10
Part-A		
1.0	Geology and Exploration	14
2.0	Mining	34
	A. Open Cast Mining	
	B. Underground Mining	
3.0	Mine Drainage	41
4.0	Stacking of Mineral Reject /Sub Grade Material and Disposal of Waste	42
5.0	Use of Mineral and Mineral Reject	43
6.0	Processing of ROM and Mineral Reject	46
7.0	Other	48
8.0	Progressive Mine Closure Plan –Under Rule 23 of MCDR'1988	52
Part-B		
9.0	Certificates/Undertakings/Consents	63
	A. Consent letter/Undertaking/Certificate from the Applicant	64
	Certificate from RQP	65
10.0	List of Plans and sections	66

### 1. ANNEXURE PART A-SERIES PAGE

1.10	Feasibility Studies in support of UNFC Classification of resources	A 1
1.11	Copy of Photo ID of applicant (Nominated Owner)	A 14
1.12	Certificate of registration of NMDC Ltd under The Companies Act	A 15
1.13	Financial Assurance in form of Bank Guarantee for Rs. 80.592 valid till 31-03-2020 already submitted to RCOM(NR)	A 16
1.14	MoEF circular no. F No. 11-599/2014-FC dated 01-04-2015 according complete diversion of forest land within ML area	A 19
1.15	MoEF circular dated 27-05-2015 on SAFETY ZONE area inside ML area.	A 22
1.16	MoEF circular dated 19-08-2010 on norms for survey and investigation in forest land.	A 23
1.17	WGS 84 coordinates for dump inside Deposit 14	A 25
1.18	Lease Deed for Deposit 14 Mineralized Zone ML	A 26
1.19	List of Board of Directors	A 36
1.20	Violation letters from IBM and compliance reports	A 37
1.21	Schematic Flow Chart showing processing of Plant Feed	A 44
1.22	In-house Ground vibration monitoring report	A 47
1.23	Copy of Form J	A 48
1.24	Copy of Form D	A 56
1.25	Copy of Chemical Analysis Reports (NABL)	A 57
1.26	Photographs showing Land Use, Environment & Geology	A 59
1.27	Permission to prepare plans on a scale other than prescribed scale under Rule 27(1)(d) of M.C.D.R.1988 [i.e. permission to prepare Surface Plan, Geological Plan, Conceptual Plan & their sections in a scale 1: 4000]	A 72


  
 Vinayak Tiwari  
 RQP/NGP/433/2012/A


  
 S.S. Prasad  
 RQP/NGP/344/2006/A

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1.14	MoEF circular no. F No. 11-599/2014-FC dated 01-04-2015 according complete diversion of forest land within ML area	A 48
1.15	MoEF circular dated 27-05-2015 on SAFETY ZONE area inside ML area.	A 51
1.16	MoEF circular dated 19-08-2010 on norms for survey and investigation in forest land.	A 52
1.17	WGS 84 coordinates for dump inside Deposit 14	A 54
1.18	Lease Deed for Deposit 14 Mineralized Zone ML	A 55
1.19	List of Board of Directors	A 65
1.20	Violation letters from IBM and compliance reports	A 66
1.21	Schematic Flow Chart showing processing of Plant Feed	A 73
1.22	In-house Ground vibration monitoring report	A 76
1.23	Copy of Form J	A 77
1.24	Copy of Form D	A 85
1.25	Copy of Chemical Analysis Reports (NABL)	A 86
1.26	Photographs showing Land Use, Environment & Geology	A 88
1.27	Permission to prepare plans on a scale other than prescribed scale under Rule 27(1)(d) of M.C.D.R.1988 [i.e. permission to prepare Surface Plan, Geological Plan, Conceptual Plan & their sections in a scale 1: 4000]	A 101
1.28	Details of Boreholes as on 01.04.2015	A 103
1.29	NABL Report of borehole	A 124
1.30	NABL Report of shallow pits	A 125
1.31	NABL Certificate of project Chemical Laboratory	A 126
1.32	NPV Submission for the entire forest land	A 127
1.33	Letters from State Govt. for extension of Deposit 14ML Mining Lease & requirement of approved Mining Plan for lease deed execution.	A 136

## 2. EMP DATA PART B-SERIES PAGE

I	Ecology of Buffer Zone	B 1
II	Water Quality Data	B 10
III	Wind rose, Meteorological & Rainfall Data	B 29
IV	Demography	B 33
V	Species of Bastar	B 34
VI	Air Quality Data	B 39
VII	Noise Level Monitoring	B 56
VIII	Soil Quality	B 65-72

  
 Vinayak Tiwari  
 RQP/NGP/433/2012/A

  
 S.S.Prasad  
 RQP/NGP/344/2006/A

## INTRODUCTORY NOTES

01. Deposit 14 Mining Lease was granted to M/s NMDC Limited on 12-09-1965 and was valid upto 11-09-1995. After first renewal, the lease was valid upto 11-09-2015. Last i.e. 3<sup>rd</sup> Scheme of Mining was approved for the period from 01-04-2010 to 31-03-2015. Draft 4<sup>th</sup> Scheme of Mining was submitted for the balance period of lease (01-04-2015 to 11-09-2015) for approval to IBM Nagpur on 28-11-2014.

Subsequent to enactment of Mines & Minerals (Development and Regulation) Amendment Act 2015, Deposit 14 Mining Lease stands extended from 11-09-2015 to 31-03-2020.

Thus the modified Mining Plan is prepared under 22(6) of Mineral Concession Rules 1960. It is valid for the balance period of lease i.e. from 01-04-2015 to 31-03-2020.


02. NMDC Limited is a multi-product premier Central Public Sector Enterprise engaged in exploration and mining of minerals and is rapidly diversifying. Its activities have spread not only all over India but across the world. It is having its operations in Chhattisgarh, Madhya Pradesh, Andhra Pradesh, Karnataka, West Bengal, Jharkhand, J & K etc. In abroad, it has its activities in Australia, Tanzania etc. IBM Registration no. IBM/270/2011 for NMDC.


03. **Ownership.** The Company is owned by Govt. of India and is under the Ministry of Steel. Director (Production) of NMDC Limited, Shri P K Satpathy, is the Nominated Owner.

04. NMDC Limited commenced its operations in Bailadila sector in 1968 and presently it is having sole presence in the area. It is operating Deposit 14, Deposit 11C and Deposit 11B which form a single mine namely "Bailadila Iron Ore Mine Kirandul Complex". Similarly, Deposit 5, Deposit 10 and Deposit 11A are operated under "Bailadila Iron Ore Mine Bachel Complex". Lease wise working of the mines are as under:

### Lease-Wise Working of Mines in Bailadila Sector

Name of mining lease	(Hematite) ROM / Plant Feed capacity	Under operation since
Dep.-14 Mining Lease	5 MTPA	1968
Dep.-14NMZ Mining Lease	~ 6 MTPA	1988
Dep.-11 Mining Lease (consists of Dep.-11A, Dep.-11B and Dep.-11C)	~ 11MTPA (2.8, 7, 1 – 1.5)	1988
Dep.-5 Mining Lease	10 MTPA	1977
Dep.-10 Mining Lease	~ 4 MTPA	2002

  
Vinayak Tiwari  
RQP/NGP/433/2012/A

  
S.S. Prasad  
RQP/NGP/344/2006/A

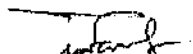
**05. Type of Area : Complete ML area in Reserved Forest.**


Details on Land Area	Break-up with status	Reference
322.368 hectares of ML area	192.420 hectare (broken land)	MoEF letter F No. 8-41/1997-FC(Pt) dt. 23-11-2010
	129.948 hectare (under consideration for change in land use)	अनुमोदित APPROVED

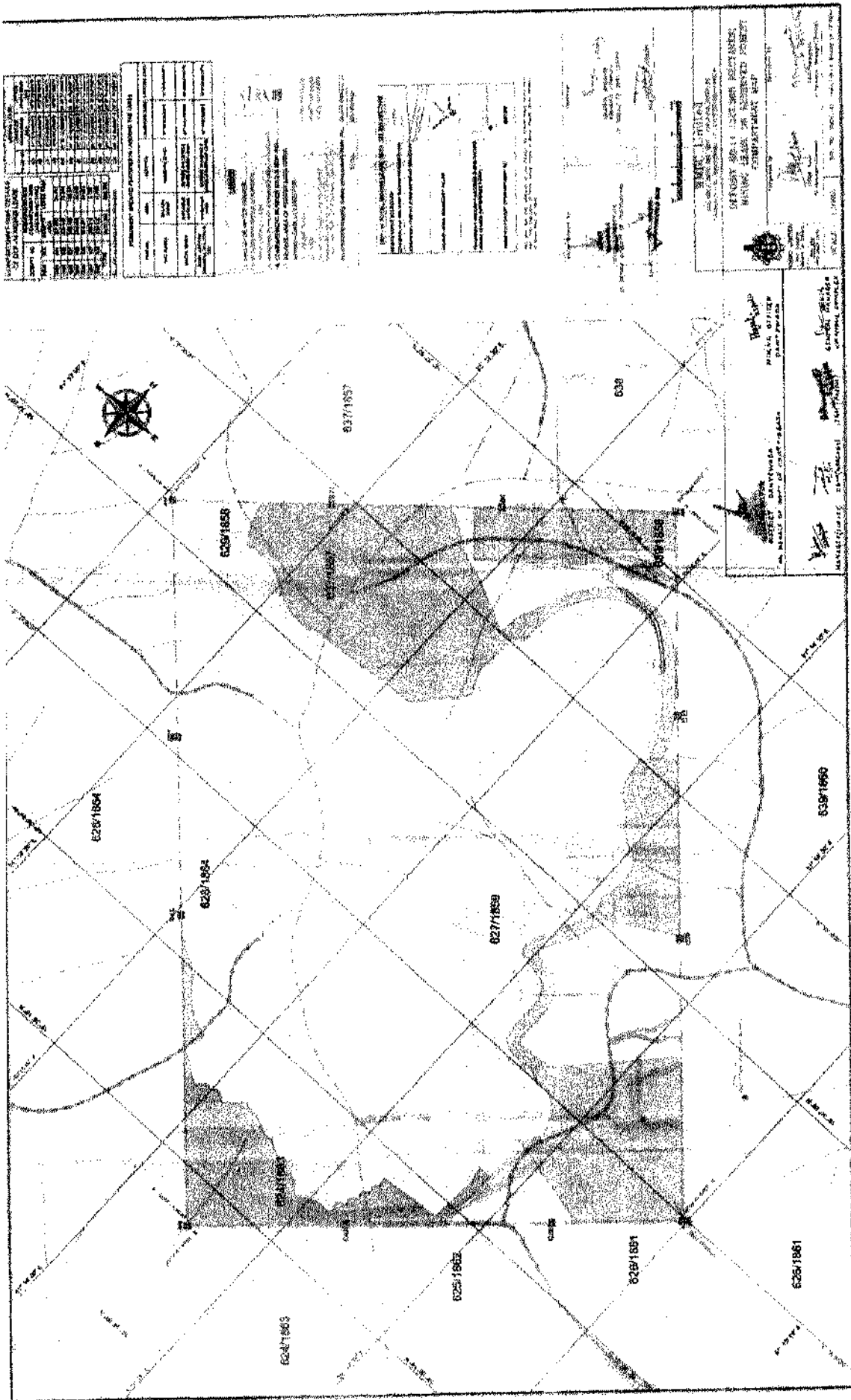
Change in land use as above is required for scientific and environment friendly mining.

**06. Approved capacity of mine:** MoEF, vide message no. J-11015/483/2007-IA.II(M) dated 11-09-2007, has accorded Environmental Clearance for 5.0 MTPA Iron Ore from the Dep.-14. No further capacity expansion has been proposed in the Mining Plan.

**07. Calculation of Safety Zone:** As per MoEF circular no. F No. 11-125/2014-FC dated 27-05-2015, safety zone is 3.867 hect.

  
Vinayak Tiwari  
RQP/NGP/433/2012/A

  
S.S. Prasad  
RQP/NGP/344/2006/A



SECTION	ACRES	OWNER	REMARKS
629/1858	...	...	...
627/1859	...	...	...
625/1802	...	...	...
629/1860	...	...	...
629/1861	...	...	...
629/1857	...	...	...
629/1854	...	...	...
629/1853	...	...	...
629/1851	...	...	...
629/1850	...	...	...

SECTION	ACRES	OWNER	REMARKS
629/1858	...	...	...
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629/1860	...	...	...
629/1861	...	...	...
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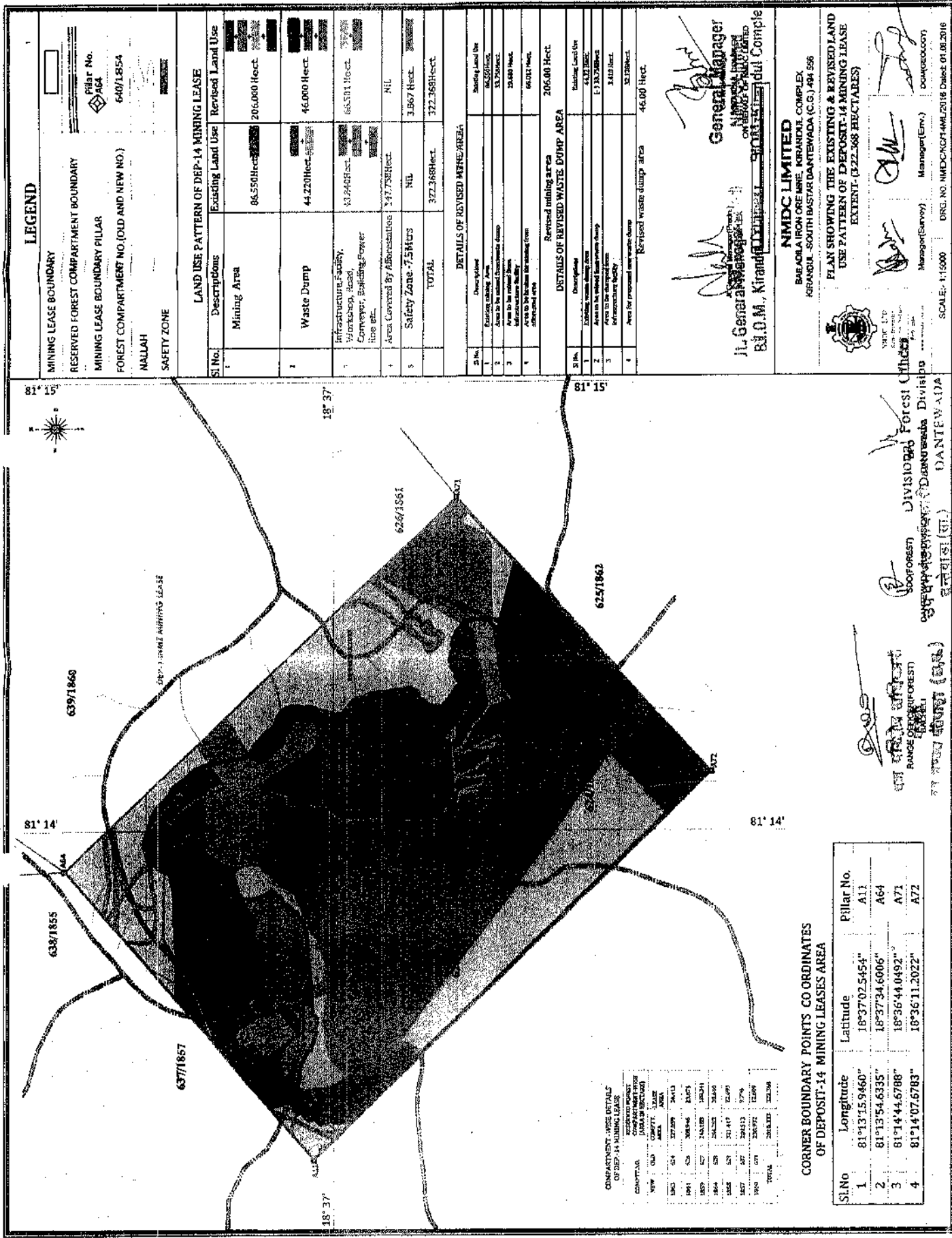
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 SECTION 629/1861  
 SECTION 629/1857  
 SECTION 629/1854  
 SECTION 629/1853  
 SECTION 629/1851  
 SECTION 629/1850



COMPARTMENT WISE DETAILS OF DEP-14 MINING LEASE

COMPART. NO.	NEW	OLD	COMPART. LEASE AREA
1803	54	27289	2413
1801	53	20836	2175
1802	52	24123	2241
1804	51	24225	2140
1805	50	20147	1849
1807	49	22413	1746
1800	00	22472	1299
TOTAL		24123	22206

**CORNER BOUNDARY POINTS CO ORDINATES OF DEPOSIT-14 MINING LEASES AREA**

Sl.No	Longitude	Latitude	Pillar No.
1	81°13'15.9460"	18°37'02.5454"	A11
2	81°13'54.6335"	18°37'34.6006"	A64
3	81°14'44.6788"	18°36'44.0492"	A71
4	81°14'07.6783"	18°36'11.2022"	A72

**LEGEND**

MINING LEASE BOUNDARY

RESERVED FOREST COMPARTMENT BOUNDARY

MINING LEASE BOUNDARY PILLAR

FOREST COMPARTMENT NO.(OLD AND NEW NO.)

NALLAH

SAFETY ZONE

**LAND USE PATTERN OF DEP-14 MINING LEASE**

Sl.No.	Descriptions	Existing Land Use	Revised Land Use
1	Mining Area	86.550 Hect.	206.000 Hect.
2	Waste Dump	44.220 Hect.	46.000 Hect.
3	Infrastructure: Factory, Workshop, Road, Conveyor, Building, Power line etc.	13.240 Hect.	65.501 Hect.
4	Area Covered By Abandoned	147.758 Hect.	NIL
5	Safety Zone - 7.5 Mtrs	NIL	3.567 Hect.
	<b>TOTAL</b>	<b>372.368 Hect.</b>	<b>372.368 Hect.</b>

**DETAILS OF REVISED MINE/AREA**

Sl.No.	Descriptions	Revised Mining Area
1	Existing mining area	86.550 Hect.
2	Area to be added (New Mining Area)	12.240 Hect.
3	Area to be subtracted (Infrastructure facility)	29.800 Hect.
4	Area to be added for safety zone	64.011 Hect.
	<b>Revised mining area</b>	<b>206.00 Hect.</b>

**DETAILS OF REVISED WASTE DUMP AREA**

Sl.No.	Descriptions	Revised waste dump area
1	Existing waste dump area	44.220 Hect.
2	Area to be added (New waste dump)	1.780 Hect.
3	Area to be subtracted (Infrastructure facility)	3.410 Hect.
4	Area for proposed new waste dump	12.290 Hect.
	<b>Revised waste dump area</b>	<b>46.00 Hect.</b>

*(Signature)*  
**General Manager**  
 N.M.D.C. LIMITED  
 BARABOLA IRON ORE MINE, KRANTAL COMPLEX  
 KIRANJUL - SOUTH BASTAR DANTEWAUDA (C.G.) AREA 566

**NMDC LIMITED**  
 BARABOLA IRON ORE MINE, KRANTAL COMPLEX  
 KIRANJUL - SOUTH BASTAR DANTEWAUDA (C.G.) AREA 566

**PLAN SHOWING THE EXISTING & REVISED LAND USE PATTERN OF DEPOSIT-14 MINING LEASE**  
 EXTENT- (322.368 HECTARES)

*(Signature)*  
 Manager (Survey)  
 Manager (Env.)  
 Manager (Cost)

SCALE: 1:5000      DIRG. NO. NMDCKGT/44/L2/116 Dated: 01.08.2016

*(Signature)*  
 SOORESEN  
 RANGE DEPUTY COMMISSIONER (FOREST)  
 DANTEWAUDA

*(Signature)*  
 DIVISIONAL FOREST OFFICER  
 DANTEWAUDA

**छत्तीसगढ़ शासन**  
**खनिज साधन विभाग**  
**मंत्रालय,**  
**महानदी भवन, नया रायपुर-492 002**

क्रमांक एफ 7-9/2015/12,  
प्रति,

नया रायपुर, दिनांक

1. संचालक,  
संचालनालय मौनिकी तथा खनिकर्म,  
छत्तीसगढ़, इन्द्रावती भवन,  
नया रायपुर।
2. सम्स्त कलेक्टर,  
छत्तीसगढ़।

विषय:- खान एवं खनिज (विकास एवं विनियमन) संशोधन अधिनियम, 2015 की धारा 8A(5), 8A(6) तथा 8A(8) के अधीन खनि पट्टा अवधि वृद्धि बाबत।

--:00:-

खान एवं खनिज (विकास एवं विनियमन) अधिनियम 1957 में भारत सरकार द्वारा राजपत्र (असाधारण) संख्या 13, नई दिल्ली, दिनांक 27 मार्च, 2015 में प्रकाशित अधिसूचना The Mines & Minerals (Development & Regulation) Amendment Act, 2015 द्वारा व्यापक संशोधन किया गया है। उक्त संशोधन अधिनियम दिनांक 12 जनवरी, 2015 से प्रभावशील हैं।

2/ उपरोक्त संशोधन अधिनियम की धारा 8A(5), 8(6) एवं 8A(8) अंतर्गत अनुसूची एक के पार्ट "ए" एवं "बी" के खनिजों को छोड़कर शेष खनिजों (मुख्य खनिज) के खनिपट्टों की अवधि बढ़ाये जाने संबंधी विन्नायुस्तार प्रावधान किया गया है:-

- 2.1 संशोधन अधिनियम की धारा 8A(5) में प्रावधानित है कि ऐसे खनि पट्टाधारी, जिनके द्वारा खनिज का केप्टीव उपयोग किया जाता है, उक्त खनिपट्टों की अवधि 31 मार्च 2030 तक एवं नवकरण की स्थिति में नवकरण की अवधि पूर्ण होने तक अथवा फूल स्वीकृति तिथि से 50 वर्ष, जो भी बाद में हो, तक खनिपट्टा की सभी शर्तों के पालन किये जाने की स्थिति में मान्य किया जाना है।
- 2.2 संशोधन अधिनियम की धारा 8A(6) में प्रावधानित है कि जहां खनिज का उपयोग केप्टीव प्रयोजन से भिन्न है, उनकी अवधि 31 मार्च, 2020 तक अथवा विगत नवकरण की अवधि पूर्ण होने तक अथवा फूल स्वीकृति से 50 वर्ष, जो भी बाद में हो, तक खनि पट्टा की सभी शर्तों के पालन किये जाने की स्थिति में मान्य किया जाना है।

1/2/1/

- 2.3 संशोधन अधिनियम की धारा 8A(8), के अर्थात् भारत सरकार का आदेश क्रमांक 1/2/2015-M.M. नई दिल्ली, दिनांक 06.02.2015 द्वारा निर्देशित किया गया है कि सार्वजनिक उपकरणों एवं निगमों को स्वीकृत खनिजपट्टों जिन्हेंकी अवधि समाप्त हो गई हो एवं संचालन हेतु समय पर आवेदन किया गया हो अथवा जिन खनिज पट्टों की अवधि 31 मार्च 2020 को अथवा इसके पूर्व समाप्त होने वाली हो, उनकी अवधि 31 मार्च 2020 तक बढ़ाई जाएगी।
- 3/ संशोधन अधिनियम के प्राधान्यान्तर्गत खनिजपट्टों की अवधि बढ़ाये जाने की स्थिति में पूरक अनुबंध निष्पादन की वैधानिक आवश्यकता होगी। पूरक अनुबंध निष्पादन हेतु भारतीय स्टाम्प अधिनियम, 1899 की तैयारी अनुसूची 1-क के अनुच्छेद 38 के अनुसरण में स्टाम्प शुल्क की गणना की जायेगी, जिसका रजिस्ट्रीकरण अधिनियम, 1908 की धारा 17, सहपठित सम्पत्ती अन्तरण अधिनियम, 1882 की धारा 107 के अंतर्गत उक्त नए अनुबंध (पूरक अनुबंध) का रजिस्ट्रीकरण भी अनिवार्य होगा। इस संबंध में पूरक अनुबंध का प्रारूप संलग्न है।
- 4/ परन्तु संशोधन अधिनियम के उपरोक्त प्राधान्य, केन्द्रीय सरकार, खान मंत्रालय द्वारा भारत के राजपत्र संख्या 333 में प्रकाशित अधिसूचना क्रमांक 423(अ) नई दिल्ली, दिनांक 10 फरवरी, 2015 द्वारा घोषित खनिजों के स्वीकृत पट्टों पर लागू नहीं होंगे।
- 5/ अतएव राज्य शासन द्वारा यह निर्णय लिया गया है कि केंद्रीय एवं नान केंद्रीय उपयोग हेतु खनिजों के (फ़ॉर्म-4 में प्रावधानित गैर खनिज को छोड़कर) स्वीकृत खनिजपट्टों के प्रत्येक प्रकरण का The Mines & Minerals (Development & Regulation) Amendment Act, 2015 की धारा 8(A) के प्राधान्यों के अनुरूप परीक्षण करते हुए निम्नानुसार उल्लिखित कठिनाइयों पर भी परीक्षण उपरान्त खनिजपट्टों की अवधि उपरोक्त पैरा क्रमांक 2.1, 2.2 एवं 2.3 के प्राधान्यों के तहत वृद्धि करते हुये पूरक अनुबंध निष्पादित किया जाए:-
- 5.1 खनिज पट्टाधारी द्वारा पट्टा शर्तों/निबंधनों का पालन किया जा रहा है। स्वीकृत खनिजपट्टों के विरुद्ध यदि पट्टाधारी के उल्लंघन की कार्यवाही विचाराधीन है, तो निराकरण होने के पश्चात् ही आगामी कार्यवाही की जाये।
- 5.2 अधिनियम के प्राधान्यों के तहत खनिज पट्टा व्यपगत (Laps) की श्रेणी में नहीं आ रहा हो,
- 5.3 खनिज पट्टाधारी पर खनिज राजस्व बकाया न हो,
- 5.4 खनिजपट्टा का माइनिंग प्लान/स्कीम ऑफ माइनिंग एवं प्रोप्रेटिव माइनिंग क्लोजर प्लान अनुमोदित हो।

//3//

6/ उपरोक्तानुसार संशोधन अधिनियम में प्राक्खानों के तहत खनि पददा वृद्धि हेतु पात्र खनिपददधारियों से तदनुसार खनिपददा अवधि वृद्धि हेतु संलग्न प्ररूप में पूरक अनुबंध निष्पादित किया जाय। निष्पादित पूरक अनुबंध को एक प्रति विभाग एवं संचालनालय को प्रेषित की जाय।

7/ खनिपददों के प्रकरणों में एकरूपता हेतु संलग्न-चैक लिस्ट अनुसार जानकारी संकलित कर परीक्षण कर लिया जावे एवं तदोपरान्त खनिपददों में अवधि वृद्धि की कार्यवाही सुनिश्चित की जाय।

संलग्न- 1. 'प्ररूप' पूरक अनुबंध,  
2. चैक लिस्ट।

छत्तीसगढ़ के राज्यपाल के नाम से  
तथा आदेशानुसार,

(संजय कनकने)

अवर सचिव

छत्तीसगढ़ शासन  
खनिज साधन विभाग

पृष्ठक्रमांक एफ 7-9/2015/12,  
प्रतिलिपि-

रायपुर दिनांक

19 MAY 2015

1. सचिव, भारत सरकार, खान मंत्रालय, शास्त्री भवन, नई दिल्ली,
2. अवर मुख्य सचिव/प्रमुख सचिव/सचिव, छत्तीसगढ़ शासन, वाणिज्य एवं उद्योग, वन/आवास एवं पर्यावरण/राजस्व विभाग, मंत्रालय, नया रायपुर
3. अतिरिक्त प्रधान मुख्य वन संरक्षक (सू-प्रबंधन) छत्तीसगढ़, रायपुर,
4. सदस्य सचिव, छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर
5. क्षेत्रीय प्रमुख, संचालनालय, भौमिकी तथा खनिकर्म, क्षेत्रीय कार्यालय, रायपुर/बिलासपुर/जगदलपुर, छत्तीसगढ़,
6. समस्त उप संचालक (खनिज प्रशासन)/खनि अधिकारी, जिला कार्यालय (खनिज शाखा), छत्तीसगढ़,
7. आदेश फोल्डर,

की और सूचनाएँ एवं आवश्यक कार्यवाही हेतु प्रेषित।

अवर सचिव

छत्तीसगढ़ शासन  
खनिज साधन विभाग



07/11/15

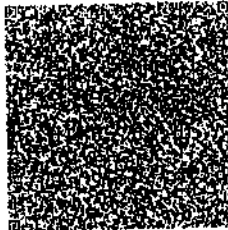


सत्यमेव जयते

# INDIA NON JUDICIAL Government of Chhattisgarh

## e-Stamp

Certificate No.	: IN-CG01554762007602N
Certificate Issued Date	: 11-Sep-2015 02:43 PM
Account Reference	: NONACC (BK)/cgjsjag09/ DANTEWADA/ CG-DW
Unique Doc. Reference	: SUBIN-CGCGJSJAG0901685874485621N
Purchased by	: VINAYAK TEWARI
Description of Document	: Article 35 Lease (For a period of one year or more)
Property Description	: LEASE AGREEMENT: BAILADILA IRON ORE MINES DEPOSIT NO.14ML (322.368 HA)
Consideration Price (Rs.)	: 0 (Zero)
First Party	: COLLECTOR DANTEWADA
Second Party	: NMDC LTD BAILADILA IRON ORE MINES KIRANDUL COMPLEX
Stamp Duty Paid By	: NMDC LTD BAILADILA IRON ORE MINES KIRANDUL COMPLEX
Stamp Duty Amount(Rs.)	: 61,60,499 (Sixty One Lakh Sixty Thousand Four Hundred And Ninety Nine only)



-----Please write or type below this line-----



सूट  
 मूल कर्षांक... 18/09/2015  
 प्रस्तावित की... 18/09/2015  
 के अनुसार विहित की गयी।

*Prasad*  
 उप पंजीयक  
 दन्तेवाड़ा (उ.प्र.)

*Vinayak Tiwari*  
 RQP/NGP/433/2012/A

*S.S. Prasad*  
 RQP/NGP/344/2006/A

0002913613  
 A64(1)

**Statutory Alert:**  
 1. The authenticity of the Stamp Certificate should be verified at [www.dte.chhattisgarh.gov.in](http://www.dte.chhattisgarh.gov.in). Any discrepancy in the details on this Certificate will as available on the website renders it invalid.  
 2. The responsibility of checking the legitimacy is on the users of the certificate.  
 3. In case of any discrepancy please inform the Registrar Authority.



## Warning

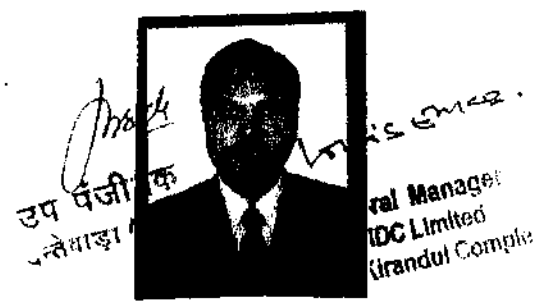
The contents of this certificate can be copied, retransmitted, or otherwise disseminated to the public in any manner without the prior written consent of the Committee.

Any violation of this certificate renders it null and void, and any person who violates it shall be liable for the same.

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AM/157 222  
 रसीद दस्तावेज नं. 8829067  
 मुकाम



वर्ष	दस्तावेज को तहसीलबन्दी व फीसत या परतलम को लगीय या किसम जो मुहरबंद किनासा किया गया हो जिसके बाबत पीयल नडिना हुई हो उसके उतर लिखी हुई इत्यस	तादाद फीस (अगर हो तो) दाखल शुदा	पजिस्ट्री के ओहदेदार के संदे दस्तखत
(1)	(2)	(3)	(4)
	गहासंख्य. 27 एम सी.पी. लि. 46A04A-2 बीएम डिस्ट्रिक्ट नर. ए.पी.ए. कोटा 0166 समेत 4,10,69,995		

AMENDMENT

AGREEMENT  
MODIFICATION OF MINING LEASES

तारीख  
 18 SEP 2015

उप वजीर दन्तेवाड़ा (उ.प्र.)

NUMBER- AM/141, DATED- 07.09.2005

AVERAGE ANNUAL ROYALTY- Rs. 4,10,69,995/-

DATED - 11/09/2015



This Amendment to the Mining Lease Agreement dated ..... 07/09/2005 .....  
 (hereinafter referred to as "Amendment no. 1 to Mining Lease Agreement") is made on the ..... 11<sup>th</sup> ..... of  
 ..... SEP. 2015 ..... at DANTEWADA

BETWEEN

Government of Chhattisgarh, (hereinafter referred to as "Principal Lessor"), having its head office at, Mineral Resource Department, Mahanadi Bhawan, Mantralaya, Nayn Raipur, Chhattisgarh, India, which expression shall, unless repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors, authorized representatives and permitted assigns to the **FIRST PART**;

AND

When the lessee is an individual,

..... (Name of person with address and occupation) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include his heirs, executors, administrators, representatives and permitted assigns)

Vinayak Tiwari  
 RQP/NGP/433/2012/A  
 General Manager  
 NMDC Limited  
 Kirandul Complex

S.S. Prasad  
 RQP/NGP/344/2006/A

A64(2)  
 R. C. N. N. S.  
 खनि अडिकारी  
 दन्तेवाड़ा (उ.प्र.)

गुप्तक पुस्तक की वें निम्न अनुसूची अनुसार गुप्तक विवरण कथित है।

- (1)-प्राप्त गुप्तक पुस्तक अंकित के क्रमांक 6160499-2
- (2)-कालांतर प्रमाणित
- (3)-कालांतर नवप्रमाणित
- (4)-कालांतर प्रमाणित
- (5)-प्रतिरिक्त
- (6)-व्यक्तिगत पुस्तक प्रमाणित

कुल 61,60,499

अप पंजीयक  
कर्मचारी सं. १

गुप्तक पुस्तक एवं शर्तों की वि० की-बाई-को. सं. डि० ५७

के द्वारा अप पंजीयक कर्मचारी वि० कर्मचारी के  
अप पंजीयक के कर्मचारी के 18 SEP 2013  
को अ.प. 11/15 के द्वारा किया गया है।

अप पंजीयक  
कर्मचारी



General Manager  
NMDC Limited  
BIOM, Kirandul Complex

When the lessees are more than one individual.

..... (Name of person with address and occupation) and  
..... (Name of person with address and occupation)  
(hereinafter referred to as "the lessees" which expression shall where the context so admits be deemed to include their respective heirs, executors, administrators, representatives and their permitted assigns).

When the lessee is a registered firm.

..... (Name and address of partner), son  
of ..... all carrying on business in partnership under the firm name and  
style of ..... (name of the firm) registered under the Indian Partnership Act, 1932 (No.  
9 of 1932) and having their registered office at ..... in the town of (hereinafter  
referred to as "the licensee" which expression where the context so admits be deemed to include all the  
said partners their respective heirs, executors, legal representatives and permitted assigns).

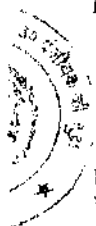
When the lessee is a registered company.

M/s. NMDC LIMITED, a company incorporated under the Companies Act 2013, having its registered  
office located at KHANIJ BHAVAN, 10-3-311/A, CASTLE HILLS, MASAB TANK,  
HYDERABAD- 500028 (hereinafter referred to as "the lessee", which expression shall, unless repugnant  
to the context or meaning thereof, include its successor, administrators, liquidators and assigns or legal  
representatives) represented by its authorized signatory, on the OTHER PART.

The "Principal Lessor" and "Lessee" shall, in for the purpose of this Supplementary Lease Agreement,  
be individually referred to as "PARTY" and collectively as "PARTIES".

WHEREAS:

- A. The original mining lease deed before commencement of the Mines and Minerals (Development and Regulation) (Amendment) Ordinance, 2015, was signed between the parties and period of lease is from 12.09.1995 to 11.09.2015 (Date).
- B. The Government of India (hereinafter referred to as "GoI") has amended the Mines and Mineral (Development and Regulation) Act, 1957 and has promulgated an Ordinance on Monday, the 12<sup>th</sup> January, 2015 (MMDR Amendment Ordinance, 2015), according to which the period of grant of mining lease shall be extended as per section 8A.



NOW THEREFORE, IT IS HEREBY AGREED BETWEEN THE PARTIES HERETO AS UNDER:

- 1. The period of grant of the mining lease executed between the parties shall be governed by section 8A of the Mines and Minerals (Development and Regulation) (Amendment) Ordinance, 2015, and the period of mining lease shall be extended accordingly up to 12.09.2015 to 31.03.2020 (date).
- 2. The renewal clause mentioned is Serial Number 3 of Part VIII. "The Covenants of the State Government" shall be omitted.
- 3. The Transfer of the mining lease shall take place as per the provisions contained under section 12A of the Mines and Minerals (Development and Regulation) Amendment Ordinance, 2015.
- 4. All the terms and expressions which are used and not specifically defined in this Amendment, unless the context otherwise requires, shall bear the same meaning as ascribed to them in the said Agreement and subsequent Amendments thereof.

*General Manager*  
General Manager  
NMDC Limited  
Kirandul Complex  
Vinayak Tiwari  
RQP/NGP/433/2012/A

*R. Chakraborty*  
R. Chakraborty  
अभि अधिकारी  
मुख्य अधिकारी  
राज्य खनिज वस्त्र एवं मेटल (उ.प.)  
S.S. Prasad  
S.S. Prasad  
RQP/NGP/344/2006/A


A64(3)



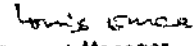
5. All other terms and conditions of the said agreement dated 7<sup>th</sup> SEPTEMBER 2005 shall remain unchanged.

IN WITNESS whereof, the duly authorized representatives of the Parties have signed on the day and year first hereinbefore written.


For and on behalf of


  
Government of Chhattisgarh  
राज्य सरकार  
खनि विभाग

For and on behalf of

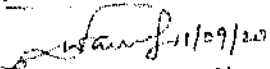
  
.....General Manager.....  
NMDCLimited  
DOM, Kirandul Complex

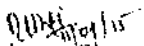
WITNESS:

  
1. Manoj Chandra...  
Mining office, Dantewada

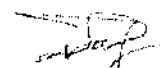
  
2. SOURABH KUMAR...  
MINING OFFICE DANTEWADA


WITNESS:

  
1. Vinayak...  
NMDCL (D) Kirandul complex  
Kirandul  
(Father's name - Shri S. B. Jha)

  
2. Rajeev Lochan...  
NMDCLtd, Kirandul  
Father's name - Shri S. B. Jha



  
Vinayak Tiwari  
RQP/NGP/433/2012/A

  
S.S. Prasad  
RQP/NGP/344/2006/A

A64(4)

टीप / इस बस्तावेज में किसी प्रकार का कॉन्टेंट हाईट नहीं है

उप पंजीयक  
दिल्ली

आज तारीख 18 SEP 2016 को  
अतिरिक्त पंजीयन क्र. (पंजीयन क्र.) 547  
25736  
से 15/1  
देकर पंजीयित किया गया।  
उप पंजीयक  
दिल्ली



मुद्रांक शुल्क रु० ५०  
पंजीयन शुल्क 46,20,374-00  
पुस्तक शुल्क 10-00  
तुलना शुल्क 5-00  
नवरी शुल्क 1-00  
अन्य शुल्क 25-00

46,20,424-00 दिवायल लाज नील हजर  
चार को चॉकित हण/

उप पंजीयक  
दिल्ली

## Annexure - 1

AFFORESTATION SCHEME IN THE BLANK AREA OF BAILADILA  
DEPOSIT - 14 MINING LEASE AREA

The Govt. of India Ministry of Environment and Forests, New Delhi vide their letter No.8-41/97-FC dtd.11.6.98 have agreed in principle for renewal of Mining Lease over 322.368 hectare of forest land in favour of M/S NMDC in District Bastar under section - 2 of forest (Conservation) Act 1980 subject to fulfilment of various conditions. In the letter of approval by MOEF condition No.(VII) reads that "Afforestation will be carried out over 79.048 ha. of blank area at project cost. A detailed afforestation scheme of native species in this regard including phasing will be prepared in consultation with state forest department and submitted to Ministry."

Accordingly, above matter was constantly pursued with local State Forest Authorities and the draft scheme for afforestation in blank area with native tree species could be finalised during 1st week of August '99.

The scheme for afforestation in blank area of deposit 14 M.L. having an area of 79.048 ha. with native tree species is as follows:

The total blank area of 79.048 ha. is proposed to be covered by planting native tree species, with an area divided into 8 compartments of approximately 10 hectares area each. Plantation will be carried out for each compartment as marked in the enclosed drawing. The native tree species, for plantation indicated by local state forest dept. is as follows:

- |                 |            |
|-----------------|------------|
| 1. Teak         | (8) Aonla  |
| 2. Khamar       | (9) Hary   |
| 3. Kanta Bamboo | (10) Baher |
| 4. Mahua        | (11) Bija  |
| 5. Tamarind     |            |
| 6. Mango        |            |
| 7. Guava        |            |

The spacing of plants for above species is proposed to be 2m\*2m for the Teak species and 4m\*4m for other species mentioned above. The spacing of plants may vary depending upon the forest density in the compartments. The number of plants required for 2m\*2m spacing is 2500 nos per hectare and 625 nos. for spacing of 4m\*4m. It is also proposed to subdivide the compartments in two to three sections for arranging the plantation in such a manner that each compartment will have fruit

contd..2..

bearing quality species, all purpose quality species and commercial quality species. Accordingly the compartment is divided in the sections having one hect. area for fruit bearing quality species, three hect. area for all purpose quality wood species and balance four hect. area for commercial quality wood species. Thus, the total number of plants in each compartment will be covered by plantation.

For the purpose of plantation in each compartment the following activities are to be carried out in a cycle of 7 years each.

1st Year :-

1. Survey and demarcation, preparation of treatment map and identify in demarcation.
2. Barbed wire fencing
  - (a) Cost of barbed wire
  - (b) Digging of pit, cost of RCC post, filling with cement concrete.
3. Site clearance by cutting of malformed, unwanted growth & collection & burning.
4. Lantana, pipeterium uprooting, collection & burning.
5. Digging of pit & construction of soil conservation structure.
6. Replacement of 50% soil in pit.
7. Nursery cost for raising seedlings.
8. Labour huts.
9. Contingencies.

2nd year

1. Nursery cost including raising seedling for casualty replacement.
2. Transportation of plants from Nursery.
3. Plantation.
  - (a) Putting fertilizer.
  - (b) Weeding twice.
  - (c) casualty replacement.
4. Watch and ward.
5. Fire protection.
6. Contingencies.

3rd Year

1. Nursery cost (part) and transportation of plants.
2. One weeding plus casualty replacement.
3. Repairing of soil conservation structures.
4. Fire protection.
5. Watch and ward.
6. Contingencies.

contd..3..

4th year

1. One weeding and casualty replacement.
2. Watch and ward.
3. Contingencies.

5th year

1. Watch and ward.
2. Fire protection.
3. Contingencies.

6th year

1. Watch and ward.
2. Fire protection.
3. Contingencies.

7th year

1. Watch and ward.
2. Fire protection.
3. Contingencies.

The expenses for above plantation activities per hectare works out to be Rs.33000/= approximately. The total expenditure for 79.048 ha. will therefore be Rs.26.09 Lakhs approximately.

The plantation in the blank area of 79.048 ha. will be completed by 6th year of the start. The starting year is proposed to be the year 1999-2000. The survival rate for the plants per year in a compartment will initially be 80 % to 90 % but after 7th year the survival rate may decrease to 50 to 60 % when all the above activities are completed. Thus, the maximum forest density achieved could be 0.6. The civil / Environment department of the project will take care of implementation of proposed afforestation scheme, as qualified staff are available in the said departments. However, time to time technical help/guidance will be taken from the local state forest department in case of problems for improving in the method of work and to achieve higher survival rate. Any improvement as suggested by forest authorities from time to time will also be implemented.

It may be mentioned here that afforestation over an area of 32.50 ha. has already been done in the "Blank area" after the year


contd..4..

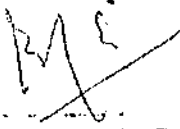
1993, when the application for renewal of Mining lease was submitted. Since then a total of about 75000 no. of trees have already been planted with in the Blank area and an amount of, about Rs.17 Lakhs. has been spent on the said-plantation. This afforestation has been done under the afforestation programme of the project, which was started from 1986-87 for the purpose of Environment protection to create environment friendly atmosphere.

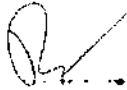
Deputy General Manager  
Deposit-14 & 11C

*13-8-99*  
Executive Director  
Deposit-14 & 11 C

Tree species included in the above project are native to the area in question, which have been incorporated in the project in consultation with us.

  
Range Officer  
Forest Deptt.  
Bacheli.

  
Sub Divisional Forest Officer  
Forest Department  
Dantewada

  
Divisional Officer  
Forest Department  
Dantewada



नेशनल मिनेरल डेवलपमेंट कॉर्पोरेशन लि.  
National Mineral Development Corporation Ltd.  
(भारत सरकार का उपक्रम/AGOV.L OF INDIA UNDER TAKING)

पंजीकृत कार्यालय: 'मिनेरल डेव', 10, 33/1/1A, Castle Hills, Madhav Enclave, Hyderabad - 500 028  
Regd. Office: 'Khamaj Bhawan', 10, 33/1/1A, Castle Hills, Madhav Enclave, Hyderabad - 500 028

संदर्भ सं. / Ref: No.

ENV/BLD/MOEF/2.1/Pl-V/2000

दिनांक/Date: 2/6/2000  
*Shri R.K. Gupta*

To  
Asst. Inspector General of Forests  
Government of India  
Ministry of Environment & Forests  
Paryavaran Bhawan  
CGO Complex, Lodi Road  
New Delhi 110 003

Kind Attn: Shri.R.K.Gupta

Sub: Afforestation in Blank areas of Bailadila iron ore mining leases, Dantewada district, M.P.

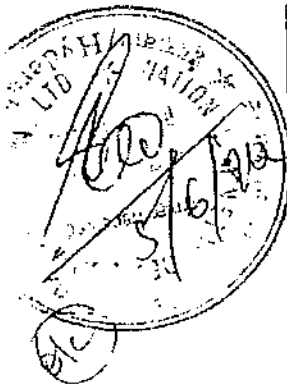
Ref: Your letter no: 7-32/99-FC dated 10/4/2000 addressed to Secretary (Forests), Government of M.P and copy endorsed to us.

Sir,

This has reference to your letter referred to above asking us to furnish the details of afforestation that has already been raised in blank areas of Bailadila iron ore mining leases.

As per condition laid down in 1<sup>st</sup> stage forest clearance letters dated 22/4/98 & 11/6/98, afforestation scheme in blank areas in respect of 5 Bailadila Mining Leases has been finalized in consultation with M.P. State Forest department. The afforestation schemes in respect of five Bailadila mining leases duly signed by Range Forest officer, Bachel, Sub - Divisional Forest officer, Dantewada, Divisional Forest Officer, Dantewada and our respective project heads have been submitted to Divisional Forest Officer, Dantewada with a copy endorsed to your goodself as per the details shown below:

S.no	Name of M.L.	M.L area in Ha	Blank areas in Ha	Afforestation scheme submitted on
1	Bailadila Deposit-10	309.34	91.81	24/7/99
2	Bailadila Deposit-5	540.05	292.19	24/7/99
3	Bailadila Deposit-14	322.368	79.048	28/8/99
4	Bailadila Deposit-14NMZ	506.742	168.435	28/8/99
5	Bailadila Deposit-11	874.924	662.28	28/8/99
6	Bailadila Deposit-10 Float ore	142.80	Nil	Not Applicable
	<b>TOTAL</b>	<b>2696.224</b>	<b>1293.763</b>	





Copies of the afforestation schemes are enclosed for your ready reference. The updated status of afforestation, which has already been raised and proposed to be raised during coming years, is described below lease wise:

**Bailadila. Deposit-10 ML:**

As per afforestation scheme, the plantation works in 91.81 ha of blank areas has to be carried out in a phased manner over a period of 9 years by planting native tree species. The area is divided into 9 compartments of approximately 10Ha area each. **The start year for carrying out plantation works in blank areas is from year 2000-01 onwards.** Accordingly, afforestation in one of the compartments measuring about 9Ha is proposed to be taken up during year 2000-01. Letter of Intent dated 15/4/2000 has already been issued to The Divisional Forest Officer, Social Forestry Division, Jagdalpur for undertaking plantation of trees works in blank areas of Bailadila. 10 Mining Lease area.

**Bailadila. Deposit-5 ML:**

As per afforestation scheme, the plantation works in 292.19ha of blank areas has to be carried out in a phased manner over a period of 10 years by planting native tree species. The area is divided in 10 compartments of approximately 25-30Ha area each. **The start year for carrying out plantation works in blank areas is from year 1999-2000 onwards.** Accordingly, 50,000 tree saplings over an area of 25Ha have been planted during the year 1999-2000 through Social Forestry Division, Jagdalpur. During the year 2000-01 we have already given a LOI dated 15/4/2000 to Social Forestry Division, Jagdalpur for afforestation in compartment no:10 measuring 25Ha.

**Bailadila Deposit-14, Deposit-14NMZ and Deposit-11 Mining Lease areas:**

As per the afforestation scheme, afforestation over 79.048Ha in Deposit-14 is to be covered in 8 years where as in Deposit-14NMZ (168.435Ha) and deposit-11ML (662.28Ha) area is to be covered in 10 years by planting native tree species. To meet the above requirement i.e plantation of trees in blank areas of 909.763Ha in all the three mining lease areas, the afforestation over 91Ha per year for 10 years has to be done. **The afforestation will be taken up during the year 2000-01 and completed by 2009-10.**

The total area of 909.763Ha has been divided into 91 compartments of approximately 10Ha area each. Thus plantation over 9 such compartments will be done each year for 9 years from the year 2000-01 onwards. The total area covered upto 2008-09 would be 810Ha. During the year 2009-10, the balance area of 100Ha would be covered.

During the year 2000-01, the compartment nos: 1 to 8 of Deposit-14 and compartment no:17 of Deposit-14NMZ is proposed to be taken up for plantation of native trees in 90Ha blank area and this work would be awarded to Social Forestry Division of Jagdalpur very shortly.

Thus, during the year 2000-01, tree plantation will be undertaken in a total of 124Ha of forest blank areas by planting native tree species.

Hope the above information is in order.

Thanking you

Yours faithfully,



(G.S. Naidu) 2/6

Dy. General Manager (Environment)

Copy for kind information to:

1. Secretary (Forests), Government of M.P, Bhopal
2. Chief Conservator of Forests (Central), MOEF, Regional Office, Bhopal.
- ✓ 3. Executive Director, Bailadila.14/11C Project, Kirandul
4. General Manager, Bailadila.5 Project, Bachel
5. Chief Regional Manager, NMDC Ltd, Bhopal



DGM (Env) 2/6



# भारत का राजपत्र

## The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 749]

नई दिल्ली, बृहस्पतिवार, दिसम्बर 3, 2015/अग्रहायण 12, 1937

No. 749]

NEW DELHI, THURSDAY, DECEMBER 3, 2015/AGRAHAYANA 12, 1937

खान मंत्रालय

अधिसूचना

नई दिल्ली, 3 दिसम्बर, 2015

सा.का.नि. 927(अ).—केंद्रीय सरकार, खान और खनिज (विकास और विनियमन) अधिनियम, 1957 (1957 का 67) की धारा 13 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, निम्नलिखित नियम बनाती है; अर्थात् :—

1. संक्षिप्त नाम और प्रारंभ.—(1) इन नियमों का संक्षिप्त नाम खनिज (सरकारी कंपनी द्वारा खनन) नियम, 2015 है।

(2) ये नियम राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. परिभाषाएं.—(1) इन नियमों में, जब तक कि संदर्भ में अन्यथा अपेक्षित न हो,—

(क) “अधिनियम” से खान और खनिज (विकास और विनियमन) अधिनियम, 1957 (1957 का 67) अभिप्रेत है;

(ख) “सरकारी कंपनी” से कंपनी अधिनियम, 2013 (2013 का 18) की धारा 2 की उपधारा (45) में यथा परिभाषित कोई कंपनी अभिप्रेत है; और

(ग) “खनिज” से धारा 3 के खंड (ड.) में परिभाषित में अन्यथा खनिज और अधिनियम की पहली अनुसूची के भाग क और भाग ख में विनिर्दिष्ट खनिज अभिप्रेत हैं।

(2) शब्द और पद, जो इन नियमों में परिभाषित नहीं किए गए हैं, परंतु अधिनियम में परिभाषित किए गए हैं, के वही अर्थ होंगे जो उनके अधिनियम में हैं।

3. 12 जनवरी, 2015 से पूर्व सरकारी कंपनियों या निगमों को प्रवृत्त खनन पट्टे की अवधि.—(1) खान और खनिज (विकास और विनियमन) संशोधन अधिनियम, 2015 (2015 का 10) के प्रारंभ की तारीख अर्थात् 12 जनवरी, 2015 से पूर्व किसी सरकारी कंपनी या निगम को प्रदत्त खनिजों के लिए सभी खनन पट्टे पचास वर्ष की अवधि के लिए प्रदत्त किए गए समझे जाएंगे।

(2) राज्य सरकार, सरकारी कंपनी या निगम द्वारा खनन पट्टे की समाप्ति से कम से कम बारह मास पूर्व इस निमित्त इसे दिए गए आवेदन पर, कारणों को लेखबद्ध करते हुए, खनन पट्टे की अवधि को वीस वर्ष की और अवधि के लिए एक ही बार विस्तारित कर सकेगी।

(3) उपनियम (1) के अध्याधीन, किसी सरकारी कंपनी या निगम द्वारा खनन पट्टों के नवीकरण के लिए किए गए सभी आवेदन और जो खान और खनिज (विकास और विनियमन) मंशोधन अधिनियम, 2015 (2015 का 10) के प्रारंभ की तारीख को लंबित थे, खनन पट्टे की अवधि के विस्तारण के लिए आवेदन समझे जाएंगे और उपनियम (2) के उपबंधों के अनुसार निपटाए जाएंगे।

4. 12 जनवरी, 2015 को या उसके पश्चात् सरकारी कंपनियों या निगमों को प्रदत्त खनन पट्टे की अवधि.—

- (1) किसी सरकारी कंपनी या निगम को खनिजों के लिए प्रदत्त सभी खनन पट्टे पचास वर्ष की अवधि के लिए होंगे।
- (2) किसी सरकारी कंपनी या निगम को अधिनियम की धारा 10ख और धारा 11 के उपबंधों के अनुसार प्रदत्त कोई खनन पट्टा पचास वर्ष की अवधि की समाप्ति पर समाप्त हो जाएगा और विस्तारित नहीं किया जाएगा।
- (3) राज्य सरकार जिम्मे सरकारी कंपनी या निगम द्वारा इस निमित्त आवेदन पर अधिनियम की धारा 17क की उपधारा (2क) और उपधारा (2ख) के उपबंधों के अनुसार खनन पट्टा प्रदान किया था, कम से कम बारह मास पूर्व कारणों को लेखबद्ध करते हुए, खनन पट्टे की अवधि को वीस वर्ष की और अवधि के लिए एक ही बार विस्तारित कर सकेगी।

5. अधिनियम की धारा 17क की उपधारा (2ग) के अधीन किसी सरकारी कंपनी या निगम द्वारा संदाय.—

- (1) कोई सरकारी कंपनी या निगम या कोई संयुक्त उपक्रम जिसे अधिनियम की धारा 17क की उपधारा (2क) और (2ख) के उपबंधों के अनुसार खनन पट्टा प्रदत्त किया गया है, प्रत्येक मामले में केंद्रीय सरकार द्वारा यथा अधिसूचित अधिनियम की दूसरी अनुसूची के संबंध में, संदत्त रायल्टी की प्रतिशतता के समान रकम संदत्त करेगा।
- (2) सरकारी कंपनी या निगम राज्य सरकार को उपनियम (1) के अधीन यथाविनिर्दिष्ट संदाय करेगा।
- (3) सरकारी कंपनी या निगम ऐसी अन्य रकम का संदाय भी संबंधित प्राधिकारियों को करेगा, जो तत्समय प्रवृत्त किसी विधि के अधीन अपेक्षित हो, जिसके अंतर्गत,—

- (i) राज्य सरकार को रायल्टी या अनिवार्य भाटक ;
- (ii) राष्ट्रीय खनिज खोज न्यास को संदाय ; और
- (iii) जिला खनिज फाउंडेशन को संदाय, है।

[फा. सं. 1/13/2015-एम. VI]

आर. श्रीधरन, अपर सचिव

## MINISTRY OF MINES

### NOTIFICATION

New Delhi, the 3rd December, 2015

**G.S.R. 927(E).**—In exercise of the powers conferred by section 13 of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957), the Central Government hereby makes the following rules, namely:—

**1. Short title and commencement.**—(1) These rules may be called the Mineral (Mining by Government Company) Rules, 2015.

(2) These rules shall come into force on the date of their publication in the Official Gazette.

**2. Definitions.**—(1) In these rules, unless the context otherwise requires, -

- (a) "Act" means the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957);

(b) "Government company" means a company as defined in sub-section (45) of section 2 of the Companies Act, 2013 (18 of 2013); and

(c) "minerals" means minerals other than those defined as minor minerals under clause (e) of section 3 and minerals specified in Part A and Part B of the First Schedule to the Act.

(2) Words and expressions used and not defined in these rules, but defined in the Act shall have the same meanings as assigned to them in the Act.

**3. Period of mining lease granted to Government companies or corporations before 12th January, 2015.**—(1) All mining leases for minerals granted to a Government company or corporation before the date of commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 (10 of 2015), namely, the 12<sup>th</sup> January, 2015 shall be deemed to have been granted for a period of fifty years.

(2) The State Government, upon an application made to it in this behalf by the Government company or corporation at least twelve months prior to the expiry of the mining lease, may, for reasons to be recorded in writing, extend the period of the mining lease for further periods of upto twenty years at a time.

(3) Subject to sub-rule (1), all applications made by a Government company or corporation for renewal of mining leases and which were pending as on the date of commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 (10 of 2015) shall be deemed to be applications for extension of the period of the mining lease and shall be disposed of in accordance with the provisions of sub-rule (2).

**4. Period of mining lease granted to Government companies or corporations on or after 12th January, 2015.**—(1) All mining leases granted to a Government company or corporation for minerals shall be for a period of fifty years.

(2) A mining lease granted to a Government company or corporation in accordance with the provisions of section 10B and section 11 of the Act shall expire at the end of the period of fifty years and shall not be extended.

(3) The State Government, upon an application made to it in this behalf by the Government company or corporation granted a mining lease in accordance with the provisions of sub-sections (2A) and (2B) of section 17A of the Act, at least twelve months prior to the expiry of the mining lease, may, for reasons to be recorded in writing, extend the period of the mining lease for further periods of up to twenty years at a time.

**5. Payments by a Government company or corporation under sub-section (2C) of section 17A of the Act.**—(1) A Government company or corporation or a joint venture, granted a mining lease in accordance with the provisions of sub-sections (2A) and (2B) of section 17A of the Act, shall pay an amount equivalent to a percentage of the royalty paid in terms of the Second Schedule to the Act, as notified by the Central Government in each case.

(2) A Government company or corporation shall make payments to the State Government as specified under sub-rule (1).

(3) A Government company or corporation shall also pay such other amounts as may be required under any law for the time being in force to the concerned authorities, including,-

- (i) royalty or dead rent to the State Government;
- (ii) payment to the National Mineral Exploration Trust; and
- (iii) payment to the District Mineral Foundation.

[F. No. 1/13/2015-M.VI]

R. SRIDHARAN, Addl. Secy.

## MINING LEASE 14 ML

Intermediate Pillar co-ordinates along the lease line of 14 ML, Kirandul Complex.

SL NO	LONGITUDE	LATITUDE	SL NO	LONGITUDE	LATITUDE
1	E81- 13' 54.9671"	N18- 37' 34.2638"	35	E81- 14' 03.6961"	N18- 36' 15.1549"
2	E81- 13' 56.5727"	N18- 37' 32.6421"	36	E81- 14' 02.3648"	N18- 36' 16.4763"
3	E81- 13' 58.1463"	N18- 37' 31.0528"	37	E81- 14' 01.0379"	N18- 36' 17.7934"
4	E81- 14' 00.3319"	N18- 37' 28.8453"	38	E81- 13' 58.8425"	N18- 36' 19.9724"
5	E81- 14' 03.4038"	N18- 37' 25.7425"	39	E81- 13' 56.8708"	N18- 36' 21.9295"
6	E81- 14' 05.7479"	N18- 37' 23.3748"	40	E81- 13' 54.5011"	N18- 36' 24.2815"
7	E81- 14' 07.8528"	N18- 37' 21.2488"	41	E81- 13' 51.5829"	N18- 36' 27.1779"
8	E81- 14' 09.1599"	N18- 37' 19.9286"	42	E81- 13' 49.0217"	N18- 36' 29.7200"
9	E81- 14' 10.6055"	N18- 37' 18.4685"	43	E81- 13' 45.6141"	N18- 36' 33.1020"
10	E81- 14' 13.1967"	N18- 37' 15.8511"	44	E81- 13' 43.9796"	N18- 36' 34.7242"
11	E81- 14' 15.4289"	N18- 37' 13.5964"	45	E81- 13' 40.5393"	N18- 36' 38.1386"
12	E81- 14' 17.3081"	N18- 37' 11.6983"	46	E81- 13' 34.8421"	N18- 36' 43.7929"
13	E81- 14' 19.2050"	N18- 37' 09.7821"	47	E81- 13' 32.9504"	N18- 36' 45.6702"
14	E81- 14' 21.9060"	N18- 37' 07.0538"	48	E81- 13' 30.0300"	N18- 36' 48.5686"
15	E81- 14' 23.3153"	N18- 37' 05.6302"	49	E81- 13' 27.8918"	N18- 36' 50.6905"
16	E81- 14' 24.8841"	N18- 37' 04.0456"	50	E81- 13' 26.4815"	N18- 36' 52.0901"
17	E81- 14' 29.8890"	N18- 36' 58.9899"	51	E81- 13' 22.7798"	N18- 36' 55.7637"
18	E81- 14' 33.8544"	N18- 36' 54.9841"	52	E81- 13' 19.0914"	N18- 36' 59.4240"
19	E81- 14' 35.1441"	N18- 36' 53.6813"	53	E81- 13' 17.2978"	N18- 37' 03.6655"
20	E81- 14' 36.2676"	N18- 36' 52.5464"	54	E81- 13' 19.1776"	N18- 37' 05.2232"
21	E81- 14' 38.3179"	N18- 36' 50.4751"	55	E81- 13' 20.8201"	N18- 37' 06.5842"
22	E81- 14' 43.1459"	N18- 36' 45.5979"	56	E81- 13' 23.3838"	N18- 37' 08.7085"
23	E81- 14' 42.1814"	N18- 36' 41.8323"	57	E81- 13' 25.5147"	N18- 37' 10.4742"
24	E81- 14' 38.9304"	N18- 36' 38.9465"	58	E81- 13' 28.1889"	N18- 37' 12.6900"
25	E81- 14' 35.9515"	N18- 36' 36.3021"	59	E81- 13' 31.3835"	N18- 37' 15.3370"
26	E81- 14' 33.9696"	N18- 36' 34.5428"	60	E81- 13' 33.5118"	N18- 37' 17.1005"
27	E81- 14' 23.3807"	N18- 36' 25.1426"	61	E81- 13' 38.0692"	N18- 37' 20.8766"
28	E81- 14' 19.5350"	N18- 36' 21.7286"	62	E81- 13' 39.6929"	N18- 37' 22.2220"
29	E81- 14' 17.6670"	N18- 36' 20.0702"	63	E81- 13' 42.5369"	N18- 37' 24.5783"
30	E81- 14' 16.4053"	N18- 36' 18.9501"	64	E81- 13' 44.8104"	N18- 37' 26.4620"
31	E81- 14' 12.7832"	N18- 36' 15.7353"	65	E81- 13' 47.1215"	N18- 37' 28.3768"
32	E81- 14' 11.4364"	N18- 36' 14.5388"	66	E81- 13' 50.4193"	N18- 37' 31.1091"
33	E81- 14' 09.1515"	N18- 36' 12.5102"	67	E81- 13' 52.0735"	N18- 37' 32.4796"
34	E81- 14' 05.5909"	N18- 36' 13.2741"			



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 25.

Rehabilitation & resettlement Plan

Not applicable.

*[Signature]* 31/01/19  
General Manager  
BIOM, Kirandul Complex

*[Signature]*  
29/01/2019

*[Signature]*  
29/01/2019  
Sr. Mgr (Env.)

*[Signature]*  
31/01/19

*[Signature]*  
31/01/19

## प्रपत्र - 3

वन संरक्षण अधिनियम, 1980 अंतर्गत प्रेषित किये जाने वाले प्रस्ताव पर उप व.म.अ./व.म.अ.  
का स्थल निरीक्षण प्रतिवेदन

1	परियोजना का नाम	एन.एम.डी.सी. लिमिटेड, बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स, जिला-दक्षिण बस्तर, दंतेवाड़ा (छ.ग.) आरक्षित वन भूमि में स्थापित माइनिंग लीज 14 एमएल. रकबा 322.368 हे. का नवीनीकरण बाबत।		
2	आवेदक/आवेदक का विभाग का नाम	महाप्रबंधक, एन.एम.डी.सी. लिमिटेड, बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स, जिला-दक्षिण बस्तर, दंतेवाड़ा (छ.ग.)		
3	गैर वानिकी कार्य जिस हेतु वन भूमि की मांग	आयरन ओर माइनिंग		
4	आवेदित क्षेत्र की स्थिति	जिला	वन मंडल	परियोजना स्थल
		दक्षिण बस्तर दंतेवाड़ा	दंतेवाड़ा	किरन्दुल
5	वन भूमि का विस्तृत विवरण	वनखण्ड	कक्ष क्रमांक	आवेदित क्षेत्र का क्षेत्रफल
	(क) आरक्षित वन	बचेली परिक्षेत्र	1863,1861,1859, 1864, 858,1857,1860	322.368
	(ख) सीमांकित संरक्षित क्षेत्र	-	-	-
	योग :-	-	-	-
		ग्राम का नाम	कच्छ क्रमांक	आवेदित क्षेत्रफल
	(ग) असीमांकित संरक्षित वन	-	-	-
	(घ) राजस्व वनक्षेत्र	-	-	-
	योग :-	-	-	-
	कुल योग :-	-	-	-
6	आवेदित वन क्षेत्र में वनों की स्थिति प्रकार	साल / सागौन / मिश्रित		
	साईट क्वालिटी	साईट क्वालिटी I/IIII/VA/IVB/V		
7	आवेदित क्षेत्र में वृक्षों का विवरण	मिश्रित, वृक्ष गणना रिपोर्ट संलग्न है। घनत्व = 0.4 तक /.....0.4 से .....0.6/.....0.6		

8	आवेदित क्षेत्र में प्राकृतिक पुनरूत्पादन की स्थिति	साधारण
9	आवेदित क्षेत्र की (विशेष कर खनिज प्रकरणों में) मुख्य मार्ग से (पी.डब्ल्यू.डी./ वन मार्ग आदि) से दूरी (जिसे स्पष्ट रूप से मानचित्र में भी अंकित करें)	मानचित्र संलग्न (प्लेट - II)
10	क्या आवेदित क्षेत्र किसी क्षेत्र (राष्ट्रीय उद्यान, अभयानण बायस्पेयर रिजर्व/ प्राकृतिक झील/ वाटर बाडी, आदिवासी सैटलमेंट क्षेत्र/ धार्मिक स्थल) की सीमा के 10 वर्ग कि.मी. के अंतर्गत है अथवा नहीं? यदि हां तो प्रतिवेदित करें।	
11	आवेदित वन क्षेत्र के अलावा अन्य गैर वानिकी कार्य हेतु उपलब्ध है अथवा नहीं (विशेषकर खनिज उत्खनन प्रकरणों में आवेदित क्षेत्र के आसपास के 20 वर्ग कि.मी. क्षेत्र में गैर वन क्षेत्र का निरीक्षण कर जिलाध्यक्ष/ भारत सरकार/ राज्य सरकार द्वारा पूर्व स्वीकृत खदानों की संख्या	प्रकरण नदीनीकरण हेतु आवेदित है। अतः प्रस्तावित क्षेत्र में माइनिंग कार्य 1968 से किया जा रहा है। भारत सरकार/ राज्य सरकार द्वारा पूर्व स्वीकृत खदानों की संख्या 7 है।
12	आवेदित क्षेत्र में आवेदक द्वारा अधिनियम का उल्लंघन किया गया है या नहीं? यदि हां तो संक्षिप्त विवरण दें।	नहीं

## प्रमाण पत्र

उपरोक्त जानकारी/विवरण मेरे द्वारा किए गए भौतिक निरीक्षण के आधार पर है। आवेदक द्वारा मांग की गई वन भूमि को गैर वानिकी प्रयोजन हेतु अनुशंसा की जाती है।

सथान :-

दिनांक:-

परिक्षेत्र अधिकारी  
बचेली

उप वनमंडलाधिकारी  
वन मंडल दन्तेवाड़ा

वनमंडलाधिकारी  
दन्तेवाड़ा वनमंडल, दन्तेवाड़ा

( )

**(Part-II-Part V for recommendation  
of Forest Officials)**

( )

PART-II

90

(To be filled by the concerned Deputy Conservator of Forests)

State serial No. of proposal \_\_\_\_\_

5. Location of the project/Scheme:

- i. State/Union Territory
- ii. District.
- iii. Forest Division
- iv. Area of forest land proposed for diversion (in ha.)
- v. Legal status of forest
- vi. Density of vegetation.
- vii. Species-wise (scientific names) and diameter class-wise enumeration of trees in unbroken area.
- viii. Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).

6. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.

7. Site inspection report of the DCF (to be enclosed) in respect to status of compliance of conditions stipulated during earlier approval.

8. Division/District profile:

- i. Geographical area of the district.
- ii. Forest area of the district.
- iii. Total forest area diverted since 1980 with number of cases.
- iv. Total compensatory afforestation stipulated in the district/division since 1980 on (a) forest land including penal compensatory afforestation, (b) non-forest land.
- v. Progress of compensatory afforestation as on (date) \_\_\_\_\_ on
  - (a) forest land
  - (b) non-forest land.

91

9. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.

Signature  
Name  
Official Seal

Date:- \_\_\_\_\_

Place:- \_\_\_\_\_

**PART-III**

92

**(To be filled by the concerned Conservator of Forests)**

10. Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note to be enclosed.
11. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.
12. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Signature

Name

Official Seal

Date:- \_\_\_\_\_

Place:- \_\_\_\_\_

PART-IV

93

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest department)

13. Detailed opinion and specific recommendation of the State Forest Department for acceptance of otherwise of the proposal with remarks.

(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).

Signature

Name & Designation

(Official Seal)

Date:- \_\_\_\_\_

Place:- \_\_\_\_\_

PART- V

94

(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

14. Recommendation of the State Government:

(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

Signature

Name & Designation

(Official Seal)

Date:- \_\_\_\_\_

Place:- \_\_\_\_\_

95

Check list-No- 27.

**CERTIFICATE**

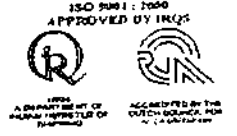
Certified that no historic place is involved in the proposed area 322.368 ha. required by NMDC Ltd. for renewal of Mining Lease.

**Divisional Forest Officer,  
Dantewada Forest Dept. Dantewada  
Dist. — South Bastar, Dantewada, State-  
Chhattisgarh**



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं. - 28

संबंधित ग्राम पंचायत का अनापत्ति प्रमाण पत्र  
अनापत्ति प्रमाण-पत्र

एनएमडीसी किरन्दुल कॉम्प्लेक्स द्वारा माइनिंग लीज रकबा 322.368 हे. 14 एमएल. के नवीनीकरण हेतु प्रकरण के परिपेक्षे में अनुसूचित जनजाति एवं अन वन परंपरागत वन निवासी (वन अधिकारी की मान्यता ) अधिनियम, के तहत ग्राम पंचायत का अनापत्ति प्रमाण पत्र एवं कलेक्टर द्वारा प्रारूप में संपन्न की गई कार्यवाही विवरण सह संलग्न- 7 में प्रेषित है।

3/11/19  
महाप्रबंधक

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

29/01/19

र.वी.के.  
29/01/2019  
कार्य प्रो. (पत्र.)

P. N. Moh  
31/01/19

वि.पं.कु.म.  
31/01/19

# **Annexure-7**

(Forest Rights Act - 2006 & Proceedings. NoC  
From Collector and Gram Panchayat)

कलेक्टर (खनिज शाखा), जिला दक्षिण बस्तर दंतेवाड़ा छ0ग0

क0 /खनिज/2014-15

दंतेवाड़ा, ~~07 अक्टूबर~~ 2014

प्रति,

अपर प्रधान मुख्य वन संरक्षक,  
(भू-प्रबंध/व सं अ), छत्तीसगढ़ अरण्य भवन,  
मेडिकल कॉलेज रोड, रायपुर, छ0ग0।

विषय :- वन संरक्षक अधिनियम, 1980 अंतर्गत व्यपवर्तित की जाने वाली वन भूमि के लिये वन अधिकार नियम प्रावधान अनुसार "ग्राम सभा का प्रमाण पत्र" एवं "कलेक्टर द्वारा प्रदाय किये जाने वाले प्रमाण पत्र का प्रारूप"।

संदर्भ :- उप सचिव, छ0ग0 शासन, खनिज साधन विभाग, जया रायपुर, छ0ग0 का पत्र क0 एफ 7-26/2014/12 तथा रायपुर, दि 12 अगस्त 2014।

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अपने-आपके जिन जगहों पर अंतर्गत व्यपवर्तित की जाने वाली वन भूमि के लिये वन अधिकार नियम प्रावधान अनुसार "ग्राम सभा का प्रमाण पत्र" एवं "कलेक्टर द्वारा प्रदाय किये जाने वाले प्रमाण पत्र का प्रारूप" के संबंध में जारी गई जानकारी निम्नलिखित कालिकावार कार्य अनुसार निर्धारित प्रारूप में तैयार कर अपेक्षित कार्यवाही हेतु सादर प्रेषित है।

क्र०	कार्य का नाम	कम्पार्टमेंट नंबर	रकबा	प्रमाण पत्र क्रमांक
1	निक्षेप क्र० 14 एम एल खनिपट्टा नवीनीकरण हेतु (गैर वाणिज्यी कार्य एवं भूमि के व्यपवर्तन ) बाबत	1863 (624) , 1859(627) , 1861(626) , 1858(629) , 1857(637) , 1860(639) , 1864(628) ,	322.368 हे०	01
2	निक्षेप क्र० 14 एम एम जेड खनिपट्टा नवीनीकरण हेतु (गैर वाणिज्यी कार्य एवं भूमि के व्यपवर्तन) बाबत	1861 (626) , 1859(627) , 1855(638) , 1854(640) एवं 1860(639)	506.742 हे०	02
3	निक्षेप क्र० 14 एवं 11 सी के आधारभूत संरचना सुविधा के प्रस्ताव हेतु (गैर वाणिज्यी कार्य एवं भूमि के व्यपवर्तन) बाबत	1855(638) एवं 1860(639)	2.599 हे०	03

संलग्न :- 1. ग्राम सभा से पारित अनापत्ति प्रमाण पत्र प्रदर्श - "ब"

2. जिला कार्यालय से पारित प्रमाण पत्र 03 प्रति प्रदर्श - "स"

कलेक्टर

जिला दक्षिण बस्तर, दंतैवाड़ा

पृ० क्र०/६०० A  
/खनिज/2014-15

दन्तेवाड़ा, दिनांक २४/११/२०१४

प्रतिलिपि :-

1. अवर सचिव, छ०ग० शासन, खनिज साधन विभाग, मंत्रालय, महानदी भवन, नया रायपुर की ओर सादर सूचनार्थ।
2. संचालक, संचालनालय, भौमिकी तथा खनिकर्म, द्वितीय तल, ब्लॉक ०४, इंद्रावती भवन, नया रायपुर, (छ०ग०) की ओर सादर सूचनार्थ।
3. वनमण्डलाधिकारी, जिला दक्षिण बस्तर दंतेवाड़ा की ओर सूचनार्थ।
4. अनुविभागीय अधिकारी (रा०), जिला दक्षिण बस्तर दंतेवाड़ा की ओर सूचनार्थ।
5. मे० एनएमडीसी, किरंदुल कॉम्प्लेक्स, जिला दक्षिण बस्तर दंतेवाड़ा की ओर सूचनार्थ।

कलेक्टर

जिला दक्षिण बस्तर दंतेवाड़ा

**कार्यालय ग्राम सभा कडम्पाल  
जिला दक्षिण बस्तर दत्तेवाड़ा, किरन्दुल (छ.ग)**

ग्राम सभा कडम्पाल की बैठक दिनांक - 24/09/2014 का कार्यवाही विवरण

प्रदर्श- 'स'

**प्रमाण-पत्र**

मेसर्स एन.एम.डी.सी लिमिटेड, बैलाडीला लीड अथरक स्थान, किरन्दुल परिसर, को, विक्षेप क्रमांक - 14 एम एल खननपट्टा नवीनीकरण कार्य हेतु दक्षिण बस्तर दत्तेवाड़ा जिला में दत्तेवाड़ा वनमंडल के बचेली वन परिक्षेत्र के आरक्षित वन कक्ष क्रमांक 1863(624), 1859(627), 1861(626), 1858(629), 1857(637), 1860(639), तथा 1864(628) की वन भूमि व्यपवर्तन हेतु 322.368 हे. वन भूमि के प्रकरण में अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 का 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 प्रक्रिया का पालन कर अधिकारों को स्थापित किया गया है तथा सम्पूर्ण प्रस्तावित क्षेत्र की वन भूमि 322.368 हे. एवं/राजस्व वन भूमि 0.0 हे. जो इस कार्य हेतु व्यपवर्तित की जानी है तथा बचेली वन परिक्षेत्र के आरक्षित वन कक्ष क्रमांक 1863(624), 1859(627), 1861(626), 1858(629), 1857(637), 1860(639), तथा 1864(628), में स्थित है, में तदनुसार यह कार्यवाही पूर्ण की गयी है।

ग्रामसभा की बैठक एवं उसमें पारित प्रस्ताव दिनांक- 24/09/2014 (प्रदर्श - 'अ') एवं वन तथा राजस्व विभाग का संयुक्त जॉय प्रतिवेदन (प्रदर्श - 'ब') पर दर्शित है।

**अथवा**

प्रस्तावित वन क्षेत्र में पदस्त वन अधिकार मान्यता पत्र की संख्या ग्रामवार निम्नानुसार है :-

क्र०	ग्राम का नाम	वन अधिकार मान्यता पत्र धारक का नाम	संख्या (है० मी०)
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2. प्रमाणित किया जाता है कि उक्त प्रकरण का प्रस्ताव कडम्पाल ग्राम के सरपंच श्रीमती मीना मंडावी की अध्यक्षता में हुई ग्राम सभा की बैठक दिनांक- 24/09/2014 में रखा गया था (कई गांव होने पर प्रत्येक का विवरण 24 दिनांक सहित) एवं इसमें 80 प्रतिशत ग्राम सभा के तथा ग्राम वन समिति के सदस्य उपस्थित थे, जिनको परियोजना के क्रियान्वयन एवं प्रकरण के पूर्ण विवरण तथा प्रभाव से अवगत करा कर विस्तार से समझाईश हिन्दी एवं स्थानीय भाषा में दी गयी। यह पाया गया कि इस क्षेत्र में उपरोक्त के तहत वन अधिकार की मान्यता पत्र की मांग रखने वाले व्यक्ति नहीं हैं।

कार्यालय ग्राम सभा कडमपाल

जिला दक्षिण बरतार दन्तेवाडा, किरन्दुल (छ.ग.)

ग्राम सभा कडमपाल की बैठक दिनांक - 24/09/2014 का कार्यवाही विवरण

3. यह प्रमाणित किया जाता है कि जो भी वनों एवं निर्णय लिए गए उसमें ग्राम सभा के न्यूनतम 50 प्रतिशत सदस्यों की उपस्थित का करार पूर्ण था।
4. यह प्रमाणित किया जाता है कि संयुक्त सत्यापन प्रतिवेदन एवं परिषद के ठहराव प्रस्ताव दिनांक- 24 / 09 / 2014 अनुसार ऐसे विलुप्तप्राय जंगजाति समूह (पी.टी.जी.) के सदस्य व्यपवर्तन हेतु प्रश्नाधीन वन भूमि पर निवासरत नहीं है, जिनका वन अधिकार "अनुसूचित जन जाति अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यता ) अधिनियम, 2006" की धारा 3 (1) (e) अंतर्गत विशेष रूप से संरक्षित रखना है।
5. संयुक्त सत्यापन प्रतिवेदन, ग्राम सभा के दिनांक - 24 / 09 / 2014 के संकल्पों के आधार पर प्रमाणित किया जाता है कि व्यपवर्तन के लिए प्रस्तावित वन भूमि पर अनुसूचित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारों की मान्यतास ) अधिनियम, 2006 की धारा 3 (2) अंतर्गत शासन द्वारा संचालित कोई सुविधा विद्यमान नहीं है।

संलग्न :- अपरोक्तानुसार

नाम (के सी) देव सेनापति )

कलेक्टर एवं

अध्यक्ष--जिला वन अधिकार समिति

जिला -- दक्षिण बरतार, दन्तेवाडा(सील)

दिनांक

**कार्यालय ग्राम सभा कडंगपाल**  
**जिला पश्चिम बंगाल दार्जिलिंग, किरन्दुल (छ.ग.)**

ग्राम सभा कडंगपाल की बैठक दिनांक - २५/०७/२०१४ का कार्यवाही विवरण

प्रदर्श- 'ब'

ग्राम: कडंगपाल एवं कोडेनार

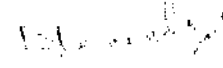
स्थान: प्रस्तावत भवन, कडंगपाल, ब्लॉक, कुशाकोपडा

दिनांक - २५/०७/२०१४

आज दिनांक २५/०७/२०१४ को ग्राम कडंगपाल के सरपंच श्रीमती मीना मंडली की अध्यक्षता में ग्राम सभा की बैठक आयोजित की गयी। इस बैठक में ग्राम सभा एवं वन समिति के ७० प्रतिशत से अधिक सदस्य उपस्थित थे। बैठक में निम्न विषयों पर चर्चा की गई -

1. बयेली वन परिक्षेत्र के आरक्षित वन कटा क्रमांक 1863(624), 1859(627), 1861(626), 1858(629), 1857(637), 1860(639), 1864(628) में आवेदक एन.एम.जी.सी लिमिटेड, बैलाडीला लीड अयस्क खान, किरन्दुल परिसर, ने निक्षेप क्रमांक - 14 एम एल खानपट्टा नवीनीकरण हेतु (गैर वानिकी कार्य) के लिए वन भूमि के व्यपवर्तन हेतु 322.368 हे. वन भूमि 0.0 हे. राजस्व वन भूमि कुल 322.368 हे. वन भूमि की मांग की है। प्रस्ताव बाबत विस्तृत चर्चा की गयी।
2. प्रस्ताव के लक्ष्य, उद्देश्य एवं उचित प्रस्तावित व्यपवर्तित किए जाने वाली वन भूमि के उपयोग बाबत ग्राम सभा की बैठक में विस्तार से चर्चा की गयी।
3. इस वन व्यपवर्तन प्रकरण के परिप्रेक्ष्य में अनुप्रायित जन जाति एवं अन्य परंपरागत वन निवासी (वन अधिकारी की मान्यता) अधिनियम, 2006 के नियम एवं प्रावधानों पर चर्चा की गयी। जो वन भूमि बैलाडीला लीड अयस्क खान, किरन्दुल परिसर, ने निक्षेप क्रमांक - 14 एम एल. खानपट्टा नवीनीकरण के लिए प्रस्तावित है, में कोई भी आदिवासी, गैर परंपरागत वनवासी इस परंपरागत वन भूमि पर कृषि कार्य, आवास या अन्य पारंपरिक 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।

अतः यह एकमत से ग्राम सभा में निर्णय लिया गया कि 322.368 हे. वन भूमि/ 0.0 हे. राजस्व वन भूमि, कुल योग 322.368 हे. वन भूमि को गैर वानिकी प्रयोजन हेतु मेसर्स. एन.एम.जी.सी लिमिटेड, बैलाडीला लीड अयस्क खान, किरन्दुल परिसर, (आवेदक) को अन्य प्रवर्तित नियमों एवं प्रावधान अनुसार व्यपवर्तित की जाये।

  
प्रस्तावकारपंच  
नामान प्रमाण प्रस्तावत  
सरपंच कडंगपाल  
सील

कार्यालय ग्राम सभा कडंगपाल  
जिला दक्षिण बस्तर दन्तेवाडा, किरन्दुल (छ.ग)

ग्राम सभा कडंगपाल की बैठक दिनांक - १५/०९/२०१४ का कार्यवाही विवरण

उपस्थित सदस्य गण:

क्रमांक	नाम	हस्ताक्षर/अंगूठा निशान
1.	सीमई / डुंगा	
2.	जोगा / मारा	जोगाराम
3.	डुंगा / दुला	
4.	बुधराम / गुब्जा	बुधराम
5.	लच्छु / जोगा	
6.	बुधराम / पाण्ड	
7.	लच्छु / लुंगू	
8.	राजू / ललंगा	राजू
9.	डुंगा / ललंगा	
10.	बिलाल / मराम	

स्वीकृत १५/०९/१४

सचिव  
ग्राम सभा कडंगपाल  
दक्षिण बस्तर दन्तेवाडा

उपस्थित सदस्य  
बिलाल मराम  
दक्षिण बस्तर दन्तेवाडा (छ.ग)

अध्यक्ष  
बिलाल मराम  
दक्षिण बस्तर दन्तेवाडा (छ.ग)

**कार्यालय ग्राम सभा कडमपाल**  
**जिला दक्षिण बस्तर दन्तेवाड़ा, किन्नरपुर (छ.ग.)**

ग्राम सभा कडमपाल की बैठक दिनांक - २५/०९/२०१४ का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अंगूठा-निशान
11.	लक्ष्मण / हड़मा	
12.	विष्णु / डोग	
13.	सन्तू / भापतू	
14.	कुधराम / काका	
15.	सुकुलू / दासा	
16.	कि गुडडी / डुंगा	
17.	हुशा / आणकू	
18.	चिखजमील / दानहंजरी	
19.	हुंगा / खुदा	
20.	रामा / उनापतू	
21.	लखन / लोभलू	
22.	कुशा / लोभा	

सत्यापित उक्त  
  
 सचिव  
 ग्राम पंचायत कडमपाल  
 जिला दक्षिण बस्तर कुआँकोड़ा

प्रतिहस्ताक्षर  
  
 मुख्याधीक्षक  
 जिला दक्षिण बस्तर कुआँकोड़ा (छ.ग.)

सचिव  
 ग्राम पंचायत कडमपाल  
 जिला दक्षिण बस्तर कुआँकोड़ा

**कार्यालय ग्राम सभा कदमपाल**  
जिला दक्षिण बस्तर दनोवाडा, किराचुर (छ.प्र.)

ग्राम सभा कदमपाल की बैठक दिनांक - 24/09/2014 का कार्यवाही विवरण

क्रमांक	नाम	प्रस्तावित/अर्पित निशान
23.	जोशिया / बिदा	शंकर
24.	बीमा / मंगू	7
25.	लक्ष्मी / उधू	
26.	होगा / बीनका	हुंका रज
27.	दण्डू / उधू	
28.	बुधाराज / दण्डू	बुधाराज
29.	बाबू / मंगू	डाबू
30.	शमीरा / अरु	शमीरा
31.	राजेन्द्र / लखंडू	राजेन्द्र
32.	लखंडू / दण्डू	लखंडू
33.	होगा / बीनका	हुंका
34.	मंगू / लक्ष्मी	मंगू

सचवापर 5/10

सचवापर  
सचवापर

ग्राम सभा कदमपाल  
जिला दक्षिण बस्तर दनोवाडा

प्रतिपादक  
प्रतिपादक  
जिला दक्षिण बस्तर दनोवाडा

सचवापर

ग्राम सभा कदमपाल  
जिला दक्षिण बस्तर दनोवाडा

**कार्यालय ग्राम सभा कडमपाल**  
**जिला दक्षिण बस्तर दन्तेवाड़ा, किरन्तपुर (स.ग.)**

ग्राम सभा कडमपाल की बैठक दिनांक - 24/09/2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अंगूठा निशान
35.	रामू / देवा	रामू
36.	दुरा / कुदरु	दुरा
37.	मंगरू / जाधू	
38.	कुम्मा / हुंगा	
39.	लखमो / गुट्टा	
40.	वीरि / हुंगा	
41.	मीमा / वारे	
42.	रुज्जा / वान्डी	
43.	वीरिमा / मरिसाम	
44.	मीमा / मंगरू	मीमा
45.	हुंगा / जीमा	
46.	रामर / मीमा	

सत्यापित  
 सरपंच  
 ग्राम सभा कडमपाल  
 दन्तेवाड़ा, किरन्तपुर

प्रतिष्ठान  
 कडमपाल  
 जिला दक्षिण बस्तर, किरन्तपुर

*Signature*  
 कडमपाल कडमपाल  
 दक्षिण बस्तर जिला  
 किरन्तपुर

**कार्यालय ग्राम सभा कडमपाल**  
**जिला दक्षिण बस्तर दमोनाडा, विरगुल (छ.ग.)**

ग्राम सभा कडमपाल की बैठक दिनांक - 04/03/2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/सहसंकेत
47.	श्रीक / कुंठा	
48.	शंकर / शोमरु	शंकर
49.	विजय / मठा	विजय
50.	गुडडी / कोया	गुडडी
51.	कुंठा / कोया	कुंठा
52.	बुधराम / गन्दा	
53.	शंकर / फोड़िया	शंकर
54.	देवा / मंगलू	देवा
55.	श्रीमा / डोला	श्रीमा
56.	श्रीमा / विदेवा	श्रीमा
57.	मल्ला / लडरु	
58.	विजय / हनुकू	विजय


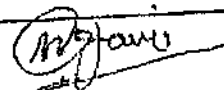

सहायक सचिव  
 ग्राम सभा कडमपाल  
 जिला दक्षिण बस्तर दमोनाडा

उपनिर्वाहक  
  
 जिला दक्षिण बस्तर दमोनाडा (छ.ग.)  
 जिला दक्षिण बस्तर दमोनाडा (छ.ग.)


जिला दक्षिण बस्तर दमोनाडा (छ.ग.)  
 जिला दक्षिण बस्तर दमोनाडा (छ.ग.)

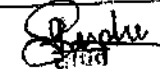
कार्यालय ग्राम सभा कडमपाल  
जिला दक्षिण बस्तर दन्तेवाडा, किन्चुल (छ.ग)

ग्राम सभा कडमपाल की बैठक दिनांक - 29/09/2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अंगूठा निशान
59.	हुंगा / धन्कू	हुंगा राम
60.	भीमा / उधू	
61.	शाजु (धन्कू)	- राठ
62.	सुरवमन / सुधारु	सुरवमन
63.	भीमा / धन्कू	भीमा
64.	मंगल / कमलू	 Chandrabhan
65.	छन्नुसुभा / रामा	
66.	कीसा / उधू	- भीमा
67.	लान्छू / गडुजा	लच्छू
68.	हुंगा / कीन्दा	
69.	भीमा / पोदिवा	भीमा
70.	दमीरु / पोदिवा	दमीरु की सा

स्वाम्याधिकार प्रती  
Meeru  
सरपंच  
ग्राम पंचायत कडमपाल  
जनपद पंचायत कुसमकोटा

अभिषेक  
  
अभिविभागीय अधिकारी (स.)  
दक्षिण बस्तर दन्तेवाडा (छ.ग)

  
हस्ताक्षर  
डाल पंचायत कडमपाल  
जिला दक्षिण बस्तर  
दन्तेवाडा

**कार्यालय ग्राम सभा कडमपाल**  
**जिला वृद्धिग बस्तर दन्तेवाडा, विन्न्दुल (उ.प्र.)**

ग्राम सभा कडमपाल की बैठक दिनांक - 24/09/2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अंगूठा निशान
71.	मीमा / हनुम	मीमा
72.	जीमा / ज्यपा	
73.	हुंगा / लच्छू	
74.	मीमा / बीन्का	मीमा
75.	बुधरु / लखमा	
76.	बुठराम / कीन्दा	
77.	मीमा / पीदिशा	
78.	बुधरु / पीदिशा	बुधरु
79.	बनीमरु / कील्ला	मीमरु
80.	बान्णू / पीदिशा	बान्णू
81.	कान्नाकू / कीन्दा	
82.	बोन्गी / बोनू	

सत्यापित  
**Manoj**  
 सचिव  
 ग्राम सभा कडमपाल  
 जनसंघ संघात कुमावडी

**अतिरिक्त**  
  
 (स.प्र.)  
 जिला वृद्धिग बस्तर दन्तेवाडा (उ.प्र.)

**कार्यालय ग्राम सभा कडम्पाल**  
**जिला दक्षिण बरसात दन्तवाडा, किरन्दुल (उ.ग)**

ग्राम सभा कडम्पाल की बैठक दिनांक - 21/03/2014 का कार्यवाही विवरण

क्र.सं.	नाम	हस्ताक्षर/अंगूठा निशान
83.	शमा / मंगू	
84.	आपत / हुंगा	
85.	जोगा / कोल्ला	
86.	विज्जा / गडडी	विज्जा
87.	कु दन्नु / आयत	दन्नु
88.	लक्ष्मा / कोवा	लक्ष्मा
89.	क्षीमारु / जोगा	क्षीमारु
90.	दन्नु / कुधक	- दन्नु
91.	कुधराम / वीनी	कुधराम
92.	हुंगा / मंगू	
93.	लक्ष्मा / मंगू	
94.	दन्नु / शीकडू	

साक्षात्कृत  
**Meeds**  
 सचिव  
 ग्राम सभा कडम्पाल  
 जिला दक्षिण बरसात दन्तवाडा

प्रति हस्ताक्षर  
  
 जिला दक्षिण बरसात दन्तवाडा (उ.ग)

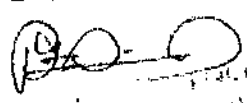
सचिव  
 ग्राम सभा कडम्पाल  
 जिला दक्षिण बरसात दन्तवाडा


**कार्यालय ग्राम सभा कडमपाल**  
**जिला दक्षिण वस्तर दन्तेवाडा, किन्चनपुर (७.१)**

ग्राम सभा कडमपाल की बैठक दिनांक - ०१/०५/२०१४ का कार्यवाही विवरण

क्रमांक	गाँव	हस्ताक्षर/अर्थी निशान
95.	कुम्मा / गुडडी	
96.	कुधु / कामा	कुधु
97.	अरुण	
98.	कुधु / जीगा	
99.	रामे / शीमा	
100.	आण्ठी / गुण्जा	आण्ठी
101.	मीनी / गुडडी	मीनी
102.	भूमि / दण्डू	
103.	देवी / कुंगा	
104.	भुको / कुंगा	
105.	आण्ठी / कुंगा	
106.	कुधु / पिटा	

सत्यापित अर्थी  
**Deenesh**  
 सरपंच  
 ग्राम पंचायत कडमपाल  
 जनपद पंचायत कुञ्जाकोटिया

प्रति हस्ताक्षर  
  
 जिला दक्षिण वस्तर  
 दन्तेवाडा, किन्चनपुर

  
 जिला दक्षिण वस्तर  
 दन्तेवाडा, किन्चनपुर

**कार्यालय ग्राम समा कडंगपाल**  
**जिला दक्षिण बस्तर दमोवाडा, विरन्दुल (छ.ग)**

ग्राम समा कडंगपाल की बैठक दिनांक 27/05/2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/संकेत निशान
107.	नन्दे / कुंगा	
108.	रतनी / लखमा	
109.	खूली / मीमा	
110.	बुधरी / माया	
111.	बुधरी / दुला	
112.	फूली / बुधरु	
113.	ठांगडी / सुरा	
114.	मनील / साटा	
115.	हुंगी / बुधराम	
116.	हुंगी / सुधरु	
117.	हुंगा / बुधरु	
118.	नेवा / कोता	

सत्यापित  
**Mouly**  
 सचिव  
 ग्राम संघर्ष कडंगपाल  
 जिला दक्षिण बस्तर दमोवाडा

उपनिर्वाहक  
  
 अनुसूचित जाति अधिकारी (स.)  
 दक्षिण बस्तर कडंगपाल (छ.ग)

ग्राम संघर्ष कडंगपाल  
 जिला दक्षिण बस्तर  
 दमोवाडा

**कार्यालय ग्राम समा कंडमपाल**  
**जिला दक्षिण बस्तर दन्तवाडा, किराँत (उ.प.)**

ग्राम समा कंडमपाल को बैठक दिनांक - ०५/०५/२०१४ का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अग्रिम विवरण
119.	खोनी / भीमा	[Redacted]
120.	पोदिपे / भीमा	[Redacted]
121.	आपती / पोदिपा	[Redacted]
122.	दिंजे / -मरु	<i>Quibus</i>
123.	भासा / सोमलु	<i>Madu</i>
124.	सुधरु / आपतु	<i>सुधरु</i>
125.	दोन्डा (कोप)	दोन्डाराम
126.	पोदिपे / लम्का	[Redacted]
127.	भीमे / गोडा	[Redacted]
128.	बाबुलु गोरु	<i>R.K. Ghoru</i>
129.	केमोद बुग्गु कयाग प्रतापि निरुद्ध	<i>Keemod</i> 24/09/14
130.	(तलमा...)	

*सचिव*  
**सचिव**  
 ग्राम विकास कंडमपाल  
 जलपा देववत कुमाकोण्डा

*प्रिन्सिपल*  
**प्रिन्सिपल**  
 अनुविभागीय अधिकारी (स.)  
 जलपा देववत कुमाकोण्डा (उ.प.)

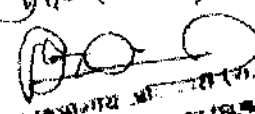
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**Quibus**

**कार्यालय ग्राम सभा कडमपाल**  
**जिला दक्षिण बस्तर दन्तेवाड़ा, किरन्तूल (छ.ग)**

ग्राम सभा कडमपाल की बैठक दिनांक - / / 2014 का कार्यवाही विवरण

क्रमांक	नाम	हस्ताक्षर/अंगूठा निशान
131.	शंकर / बुधराम	शंकर
132.	सुभा / माता	सुभा
133.	कामो कुंज / लख मोहन	(Handwritten Signature)
134.		
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*सत्यमोहन*  
**Meeraj**  
 सरपंच  
 ग्राम पंचायत कडमपाल  
 जनसभा पंचायत कुआलेन्द्र

*प्रति हस्ताक्षर*  
  
 अनुसूचित जाति प्र. (अ.क.)  
 जिला दक्षिण बस्तर दन्तेवाड़ा (छ.ग.)

*Pradeep*  
 सरपंच  
 ग्राम पंचायत कडमपाल  
 जिला दक्षिण बस्तर दन्तेवाड़ा (छ.ग.)





स्थान - बुध्वापाल - तहसील - कुंकोडा - जिला - उ.प्र. उत्तर

विकासी विधान संविधान	प्रकार का पत्र	आपत्ती के प्रकार का पत्र का विवरण
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बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल

क्र.सं.	विकासी विधान संविधान	प्रकार का पत्र	आपत्ती के प्रकार का विवरण
10	रामेश्वर / कोय		
11	रामेश्वर / कोय		
12	रामेश्वर / कोय		
13	रामेश्वर / कोय		
14	रामेश्वर / कोय		
15	रामेश्वर / कोय		
16	रामेश्वर / कोय		
17	रामेश्वर / कोय		
18	रामेश्वर / कोय		
19	रामेश्वर / कोय		
20	रामेश्वर / कोय		
21	रामेश्वर / कोय		
22	रामेश्वर / कोय		
23	रामेश्वर / कोय		
24	रामेश्वर / कोय		
25	रामेश्वर / कोय		
26	रामेश्वर / कोय		
27	रामेश्वर / कोय		
28	रामेश्वर / कोय		
29	रामेश्वर / कोय		
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47	रामेश्वर / कोय		
48	रामेश्वर / कोय		
49	रामेश्वर / कोय		
50	रामेश्वर / कोय		

बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल

बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल

बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल - बुध्वापाल

स्थान - कल्याण महाराष्ट्र तहसील - कुंकोठा जिला - ४०७५१०

राजस्तर - कल्याण पर्याप्त वटकों की कार्यवाही

वर्ग	व्यक्तिगत व. नाम	पता	व्यक्तिगत व. नाम	व्यक्तिगत व. नाम	व्यक्तिगत व. नाम
अ-100/4	पुत्री/ सेवा	पु.क.३	व.म.३०७-०४	व.म.३०७-०४	व.म.३०७-०४
	देवा/ मंगल	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की
	भीमा/ देवा	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की
	रतु/ पीरदा	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की
	भीमा/ देवा	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की	व.म.३०७ की कार्यवाही की
	महा/ वपन	उ०क.३	उ०क.३	उ०क.३	उ०क.३
	विप/ रतु	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की
	देवा/ देवा	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की	उ०क.३ की कार्यवाही की
	भीमा/ मंग	उ०क.४	उ०क.४	उ०क.४	उ०क.४
	महा/ रतु	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की
	देवा/ देवा	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की
	महा/ मंग	उ०क.४	उ०क.४	उ०क.४	उ०क.४
	महा/ रतु	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की
	देवा/ देवा	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की	उ०क.४ की कार्यवाही की

श्री. राजेश कुमार  
 श्री. राजेश कुमार  
 श्री. राजेश कुमार

सत्यापित  
 सत्य  
 सत्य

राजेश कुमार

श्री. राजेश कुमार  
 श्री. राजेश कुमार

स्थान कुम्भवाड़ा तहसील कुम्भवाड़ा जिला द. कावेरग

सर्वेक्षण की परतिका नं. और मा. नि. नं.

राज्य की संख्या

सर्वेक्षण की परतिका नं.	सर्वेक्षण की परतिका नं.
मा. नि. नं.	मा. नि. नं.
राज्य की संख्या	राज्य की संख्या

सर्वेक्षण की परतिका नं.	सर्वेक्षण की परतिका नं.
मा. नि. नं.	मा. नि. नं.
राज्य की संख्या	राज्य की संख्या

पंचायत बैठकों की कार्यवाही

दिनांक	समय	विषय	कार्यवाही
बीसा/ वन			आयोजना के
दस्ता/ वन			कुम्भवाड़ा डेप्युटी
कोला/ वन			वन प्रसाधन
कडु/ वन			कोला
डगां/ कोला			कुम्भवाड़ा डेप्युटी
बीसा/ कोला			वन प्रसाधन
दगा/ कोला			कोला
बीसा/ वन			कुम्भवाड़ा डेप्युटी
डगा/ कोला			वन प्रसाधन
कोला/ वन			कोला
बीसा/ कोला			कुम्भवाड़ा डेप्युटी

साक्षात्कार  
 सत्य  
 और सच  
 सच

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क्र.सं.	विवरण	प्रमाण	दिनांक	अधिकारी का नाम	अधिकारी का पता
1	कुंआकोटा	30/11/18			
2	श्रीमान/श्रीमती	30/11/18			
3	श्रीमान/श्रीमती	30/11/18			
4	श्रीमान/श्रीमती	30/11/18			
5	श्रीमान/श्रीमती	30/11/18			
6	श्रीमान/श्रीमती	30/11/18			
7	श्रीमान/श्रीमती	30/11/18			
8	श्रीमान/श्रीमती	30/11/18			
9	श्रीमान/श्रीमती	30/11/18			
10	श्रीमान/श्रीमती	30/11/18			
11	श्रीमान/श्रीमती	30/11/18			
12	श्रीमान/श्रीमती	30/11/18			
13	श्रीमान/श्रीमती	30/11/18			
14	श्रीमान/श्रीमती	30/11/18			
15	श्रीमान/श्रीमती	30/11/18			
16	श्रीमान/श्रीमती	30/11/18			
17	श्रीमान/श्रीमती	30/11/18			
18	श्रीमान/श्रीमती	30/11/18			
19	श्रीमान/श्रीमती	30/11/18			
20	श्रीमान/श्रीमती	30/11/18			

Signature  
 10/11/2018  
 जिला नं. 51/1918  
 तहसील कुंआकोटा  
 जिला 10/11/2018

Signature  
 10/11/2018  
 जिला नं. 51/1918  
 तहसील कुंआकोटा  
 जिला 10/11/2018

Signature  
 10/11/2018  
 जिला नं. 51/1918  
 तहसील कुंआकोटा  
 जिला 10/11/2018

स्थान - अरुणाचल प्रदेश - तहसील - कुशीमोर जिला - 71301

संस्था - अरुणाचल प्रदेश - परामर्श बंटकों की धारणाही

क्र. सं.	व्यक्ति का नाम	पता	व्यक्ति का पता	व्यक्ति का पता
1	...	...	...	...
2	...	...	...	...
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सर्वकारी के कारखाना में  
अर्द्ध को भिजाया

सर्वकारी  
विभाग का कारखाना

क्र. सं.	रिजिस्टर	कुटुम्बपार	पंचायत बटकों की कार्यवाही	सब से अधिकारी का नाम	दिनांक	सब से अधिकारी का नाम
1	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
2	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
3	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
4	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
5	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
6	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
7	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
8	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
9	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु
10	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु	ब्रह्मा / सोमरु के परिवार को कराना जारी / कराना करना	ब्रह्मा / सोमरु	15/05/2024	ब्रह्मा / सोमरु

Sachu  
राज्य राज्यागार  
विभाग का कारखाना  
जिला कुंठाडोण्डा

राज्यागार  
ब्रह्मा / सोमरु  
जिला कुंठाडोण्डा

ब्रह्मा / सोमरु  
जिला कुंठाडोण्डा

जिला कुंठाडोण्डा





स्थान - छरमपाल तहसील (कुंछालोका) जिला - पंजाब

आकांक्षी विद्युत कार्यालय	प्रस्ताव जो पत्रा हुआ	प्रस्ताव के वास्तविक या अंगुठे का विवरण
<p>वर्ष 2011 में आकांक्षी NTPC द्वारा उपरोक्त सभी जगहों में कार्य कराया गया है। साथ ही NTPC प्रिय कार्यालय के माध्यम से विद्युत कार्यालय के माध्यम से कार्य कराया गया है।</p>	<p>सिस्टम NTPC द्वारा बनाया गया है।</p>	<p>प्रस्ताव के अनुसार कार्य कराया गया है।</p>

रजिस्टर - कुंछालोका - पंचायत बैठकों की कार्यवाही

तारीख	उपस्थित पंजी के नाम	सिद्ध	बैठक की कार्यवाही परिणाम
<p>1</p>	<p>आम अण्डा किमी द्वारा कार्य कराया गया है।</p>	<p>1</p>	<p>कार्यवाही कराया गया है।</p>
<p>2</p>	<p>आम अण्डा किमी द्वारा कार्य कराया गया है।</p>	<p>2</p>	<p>कार्यवाही कराया गया है।</p>

Handwritten signatures and stamps at the bottom of the page, including a circular official stamp.

स्थान कुश्मपाल तहसील कुकाठोला जिला पन्नेवास

कार्यवाही	प्राप्त की परत हुआ	सकल की शरारत का अनुभव का दि: 1/7/9
विपक्ष कार्यवाही		

रजिस्टर कुश्मपाल पंचायत बैठकों की कार्यवाही

क्र.सं.	दिनांक	पंचक की कार्यवाही संदिग्ध
1	दिनांक	

उपरोक्त मींग काका 10.06 के पूर्व का गमा है कि पंचायति इच्छा बटुवाया गया मींग की राई कुश्मपाल की आरमि नदी का पंचायति जागावरी काका का बका राया । पूर्व साम - कुश्मपाल निवापारम डिजा बेववसी सा बिगा 14.10.10 किनुपल पूछे समार है। यह पंचायत पालिमो की म. N.M.P.C स्मारि ल्याय के पुराजाय परिडे से कुणे हाका बाल साम - बिगमरि रासम - पालिमो पुर्वेवाय पर	<p>पंचायत पंचायति</p> <p>उपरोक्त मींग काका 10.06 के पूर्व का गमा है कि पंचायति इच्छा बटुवाया गया मींग की राई कुश्मपाल की आरमि नदी का पंचायति जागावरी काका का बका राया । पूर्व साम - कुश्मपाल निवापारम डिजा बेववसी सा बिगा 14.10.10 किनुपल पूछे समार है। यह पंचायत पालिमो की म. N.M.P.C स्मारि ल्याय के पुराजाय परिडे से कुणे हाका बाल साम - बिगमरि रासम - पालिमो पुर्वेवाय पर</p>
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कार्यवाही	प्राप्त की परत हुआ	सकल की शरारत का अनुभव का दि: 1/7/9
विपक्ष कार्यवाही		

स्थान कुश्मपाल तहसील कुकाठोला जिला पन्नेवास

कार्यवाही	प्राप्त की परत हुआ	सकल की शरारत का अनुभव का दि: 1/7/9
विपक्ष कार्यवाही		

पंचायत पंचायति	N.M.P.C उपेवाय	
उपरोक्त मींग काका 10.06 के पूर्व का गमा है कि पंचायति इच्छा बटुवाया गया मींग की राई कुश्मपाल की आरमि नदी का पंचायति जागावरी काका का बका राया । पूर्व साम - कुश्मपाल निवापारम डिजा बेववसी सा बिगा 14.10.10 किनुपल पूछे समार है। यह पंचायत पालिमो की म. N.M.P.C स्मारि ल्याय के पुराजाय परिडे से कुणे हाका बाल साम - बिगमरि रासम - पालिमो पुर्वेवाय पर		



संस्था का नाम	संस्था का पता	संस्था के संस्थापक या अध्यक्ष का नाम
ग्रामसिद्ध शाखा लीडर	सर्व स्वतंत्र लेबर प्रवर्धन परिषद द्वारा	
ग्रामसिद्ध शाखा कोऑर		
श्री माध्य शाखा		
ग्रामसिद्ध शाखा कोऑर		
कर्मपाठ		
कर्मपाठ		
कर्मपाठ		
वैशेषिक में इसी प्रकार का शिपिंग मूठ प्रस्ताव पारित किया गया है।		
असम कोऑर की		
इसके अलावा कोऑर		

वर्ग	व्यक्ति का नाम	पता	संस्था का नाम
1	श्री. शांतकीन	1	शांतकीन
2	श्री. शांतकीन	2	शांतकीन
3	श्री. शांतकीन	3	शांतकीन
4	श्री. शांतकीन	4	शांतकीन
5	श्री. शांतकीन	5	शांतकीन
6	श्री. शांतकीन	6	शांतकीन
7	श्री. शांतकीन	7	शांतकीन
8	श्री. शांतकीन	8	शांतकीन
9	श्री. शांतकीन	9	शांतकीन
10	श्री. शांतकीन	10	शांतकीन

1. श्री. शांतकीन  
 2. श्री. शांतकीन  
 3. श्री. शांतकीन  
 4. श्री. शांतकीन  
 5. श्री. शांतकीन  
 6. श्री. शांतकीन  
 7. श्री. शांतकीन  
 8. श्री. शांतकीन  
 9. श्री. शांतकीन  
 10. श्री. शांतकीन

पंचायत राज २०२३ का कार्यवाही

संकल्प संख्या: २०२३/३०  
 तारीख: २०२३/०८/२२  
 पंचायत का नाम: ...

समाप्त २०२३ का कार्यवाही

संकल्प संख्या: २०२३/३०  
 तारीख: २०२३/०८/२२  
 पंचायत का नाम: ...

विवरण	प्रस्ताव की मांग द्वारा	समाप्त २०२३ का कार्यवाही
<p>१) ...</p>	<p>... ... ...</p>	<p>१) ... २) ...</p>
<p>२) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>३) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>४) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>५) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>६) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>७) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>८) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>

विवरण	प्रस्ताव की मांग द्वारा	समाप्त २०२३ का कार्यवाही
<p>१) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>२) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>३) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>४) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>५) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>६) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>७) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>
<p>८) ...</p>	<p>... ...</p>	<p>१) ... २) ...</p>

पंचायत का नाम: ...  
 तारीख: २०२३/०८/२२  
 पंचायत का नाम: ...

क्र.सं.	राजस्व	परिचय पत्र के क्र.सं.	दिनांक	क्र.सं. की संख्या
1				यदि अतिरिक्त
2				विशेषाधिकार से
3				सुविधा के लिए
4				कृपया ध्यान दें
5				सर्वोपरि प्राथमिकता
6				सर्वोपरि प्राथमिकता
7				सर्वोपरि प्राथमिकता
8				सर्वोपरि प्राथमिकता
9				सर्वोपरि प्राथमिकता
10				सर्वोपरि प्राथमिकता
11				सर्वोपरि प्राथमिकता

क्र.सं.	विवरण	प्रमाण की संख्या	सर्वोपरि प्राथमिकता
1	निर्माण कार्य समाप्त	6	
2	योग्य अर्थों में मंगाया गया	6	
3	समाप्त कार्य समाप्त	6	
4	सिद्धि-विच्छेद पत्र	6	
5	सर्वोपरि प्राथमिकता	6	
6	सर्वोपरि प्राथमिकता	6	
7	सर्वोपरि प्राथमिकता	6	
8	सर्वोपरि प्राथमिकता	6	
9	सर्वोपरि प्राथमिकता	6	
10	सर्वोपरि प्राथमिकता	6	
11	सर्वोपरि प्राथमिकता	6	

सर्वोपरि प्राथमिकता  
सर्वोपरि प्राथमिकता  
सर्वोपरि प्राथमिकता



Check list-No- 29.

**Total Forest land within the District****Total forest land within Dantewada District as below:**

1.	Geographical area of Dantewada District	
2.	Forest land within the district	
3.	Reserve forest land	
4.	Protected forest land	
5.	Non-demarcated	

**Divisional Forest Officer  
Forest Division, Dantewada**

वन संरक्षण अधिनियम 1980 के अंतर्गत जिले के स्वीकृत प्रकरणों में प्रभावित हुई  
वन भूमि रकबा हेक्टेयर में।

दंतेवाड़ा वन मंडल में व.स.अ. अंतर्गत स्वीकृत वन संरक्षण अधिनियम 1980 के तहत परियोजनाओं से -----  
--- हे. वन भूमि प्रभावित होगी।

वनमंडलाधिकारी  
वनमंडल दंतेवाड़ा  
दंतेवाड़ा

वन संरक्षण अधिनियम 1980 के अंतर्गत इस कटेगरी के कुल प्रत्यावित वन भूमि का विवरण :

दंतेवाड़ा वन मंडल दंतेवाड़ा के अंतर्गत वन संरक्षण अधिनियम 1980 के तहत इसी कटेगरी के प्रकरण की विस्तृत जानकारी संलग्न -08 में प्रेषित है।

वनमंडलाधिकारी  
वनमंडल, दंतेवाड़ा  
दंतेवाड़ा

# **Annexure-8**

(Details of Existing Mining Lease)

**DETAILS OF EXISTING BAILADILA MINING LEASES, DANTEWADA DISTRICT, CHATTISGARH  
(ALL AREAS IN HECTARES)**

M.L.AREA	ORIGINAL M.L.AREA	DATE OF GRANT OF ML	GOVT. REVENUE LAND	AREA OF FOREST LAND INVOLVED	AREA OF FOREST LAND SURREN- DERED	FOREST AREA DIVERTED FOR NON- FOREST PURPOSE	DATE OF ISSUE OF FINAL CLEARANCE FROM MOEF, NEW DELHI	DATE OF ISSUE OF FOREST CLEARANCE FROM STATE GOVT.	LEASE PERIOD
BAILADILA DEPOSIT-14 KIRANDUL	407.55	12/09/65	-	407.55	85.182	322.368	18/06/99	18/06/99	20 YEARS
BAILADILA DEPOSIT-14 NMZ KIRANDUL	546.882	7/12/65	-	546.882	40.140	506.742	18/06/99	18/06/99	20 YEARS
BAILADILA DEPOSIT-5 BACHELI	672.250	12/09/65	-	672.250	132.200	540.050	18/06/99	18/06/99	20 YEARS
BAILADILA DEPOSIT-10 BACHELI	326.340	11/09/65	-	326.340	17.00	309.34	29/08/98	24/08/98	20 YEARS
BAILADILA DEPOSIT-10 (FLOAT ORE) BACHELI	308.130	12/09/67	-	308.130	165.330	142.800	29/08/98	24/08/98	20 YEARS
BAILADILA DEPOSIT-11 BACHELI	1809.230	13/09/67	-	1809.230	892.216	874.924	22/12/99	30/12/99	20 YEARS
BAILADILA DEPOSIT-3	3308.34	3/08/1977	-	3308.34	-	-	-	-	30 YEARS

121

## प्रमाण पत्र

प्रस्तावित क्षेत्र के 10 कि.मी. की परिधि में राष्ट्रीय उद्यान, वन्य प्राणी अभ्यारण्य या हाथी कारीडोर स्थिति है अथवा प्रस्तावित है या अन्य ऐतिहासिक महत्व का चिन्ह / मूर्ति न होने की जानकारी (छत्तीसगढ़ शासन वन विभाग का पत्र क्रमांक / एफ-5-20/2007/10/2 दिनांक 12.01.2010)

प्रस्तावित क्षेत्र के 10 कि.मी. की परिधि में राष्ट्रीय उद्यान, वन्यप्राणी अभ्यारण्य या हाथी कारीडोर स्थित है अथवा प्रस्तावित है या अन्य ऐतिहासिक महत्व का चिन्ह / मूर्ति नहीं है।

वनमंडलाधिकारी  
वनमंडल, दंतेवाड़ा  
दंतेवाड़ा



एनएमडीसी लिमिटेड

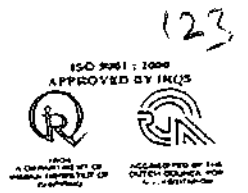
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)

CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674

Bailadila Iron Ore Mine, Kirandul Complex

Kirandul- 494556, Dist- South Bastar Dantewada (C.G), India



कंडिका नं.-33


15 कि.मी. परिधी के नक्शे में खनन हेतु प्रस्तावित स्थलों का चिन्हांक (केवल खनन प्रकरणों में)

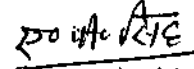
15 कि.मी. परिधी के नक्शे में खनन हेतु प्रस्तावित स्थलों का चिन्हांक प्लेट - IV में संलग्न है।

महाप्रबंधक

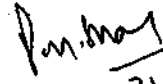
बी.आई.ओ.एम.,

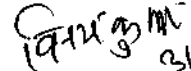
किरन्दुल कॉम्प्लेक्स

  
29/01/19

  
29/01/19

वरिष्ठ प्रो. (परी.)

  
31/01/19

  
31.01.19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



124

कंडिका नं.-34

वनअधिकारी मान्यता पत्र विवरण की सूची एवं कलेक्टर का अनापत्ति प्रमाण पत्र (यदि निरंक हो तो भी प्रमाणित होगा) (भारत सरकार, पर्यावरण एवं वन मंत्रालय नई दिल्ली का पत्र क्रमांक F:ZNo.11-9/1998-FC दिनांक-03.06.2009 ग्राम सभा का ठहराव प्रस्ताव (Resolution)।

यह प्रमाणित किया जाता है कि एन.एम.डी.सी. किरन्दुल कॉम्प्लेक्स द्वारा उक्त आरक्षित वन भूमि रकबा 322.368 हे. 14 एम.एल. के नवीनीकरण हेतु संबंधित दस्तावेज (वनअधिकारी मान्यता पत्र विवरण की सूची एवं कलेक्टर का अनापत्ति प्रमाण पत्र) संलग्न-7 में संप्रेषित है।

महाप्रबंधक 31/01/19

बी.आई.ओ.एम., किरन्दुल कॉम्प्लेक्स

29/01/19

प्र. (पेचीयु) 19

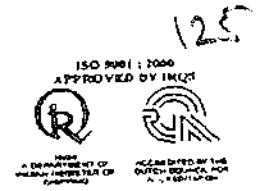
31/01/19

31-01-19



एनएमडीसी लिमिटेड  
NMDCL LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं.-35

राजस्व वन भूमि हेतु कलेक्टर का प्रमाण पत्र

प्रस्तावित प्रकरण आरक्षित वन भूमि है अतः लागू नहीं है।

महाप्रबंधक  
बी.आई.ओ.एम.,  
किरन्दुल कॉम्प्लेक्स

29/01/17

रजिस्ट्रार  
29/01/2017  
वरिष्ठ प्रो. (फॉटो)

31/01/17

विश्व कृष्ण  
31-01-17



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check list-No- 36.

No. BLD KDL/ENV/DEP — 14 ML/FCI/2018/2526

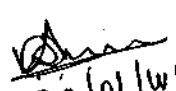
Dated: 31/01/2019

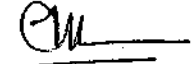
TO WHOMSOEVER IT MAY CONCERN

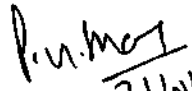
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

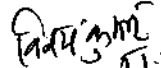
I, on behalf of NMDC Ltd., agree to pay the cost towards "Net Present Value" of the forest land to be diverted for non-forest purposes as per Guidelines of MoEFCC Govt. of India.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/19

  
29/01/2019  
Sr. Mgr (Env.)

  
31/01/19

  
31-01-19



# एनएमडीसी लिमिटेड NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
**CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674**  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



**Check list-No- 37.**

**Clearance Under FC Act, 1980: Deposition of funds with the AD-hoc CAMPA:**  
**Remittances to precede 2<sup>nd</sup> stage clearance.**

This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District- South Bastar Dantewada, State- Chhattisgarh.

I, on behalf of NMDC Ltd., agree for **Deposition of funds with the AD-hoc CAMPA.**

*[Signature]* 31/01/19  
**General Manager**  
**BIOM, Kirandul Complex**

*[Signature]*  
29/01/2019

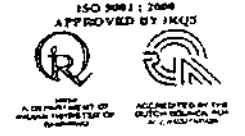
विश्वं कुमार  
31.01.19

*[Signature]*  
31/01/19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



Check List-No-38

BLD KDL/Dep-14 ML /FC/2526/ 2018

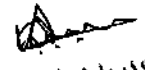

Dated: 31/01/2019

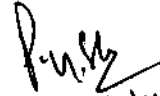
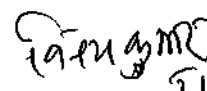
**A detailed note on soil productivity or the lack of it.**

This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over an area 322.368 Ha. of reserve forest land for Deposit - 14 ML near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

Detailed study has been carried out within the proposed mining lease by M/S RICHARDSON & CRUDDAS (1972) LTD. Chennai. Study report and their recommendation have been enclosed as Annexure-9 for your reference.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019  
  
29/01/2019  
Sr. Mgr (Env.)

  
31/01/19  
  
31.01.19

# **Annexure-9**

(Soil Productivity Report)

# Report on Soil Productivity for Deposit-14 ML and Deposit 14 NMZ Area



NMDC Ltd., BIOM, Kirandul Complex  
Dantewada dist (CG)

Prepared By



**M/s. RICHARDSON & CRUDDAS (1972) LTD.**  
(A Government of India Undertaking)  
69-D, SIDCO Industrial Estate, Ambattur, Chennai - 600 098.  
Ph: 044 - 2625 4464 Fax: 2625 8295  
E-mail: eelabcruddas@yahoo.com

## CONTENTS

Sl. No.	Description	PAGE No.
I	Foreword	I
II	Project personnel	ii
III	Certificates	iii-ix
1.0	Introduction	1
2.0	Soil productivity at Deposit -14 ML	4
3.0	Soil productivity at Deposit -14 NMZ	10
4.0	Standard Soil Classification	16
5.0	Conclusion	17
LIST OF FIGURE		
1.1	Location map	3
LIST OF TABLES		
2.1	Soil productivity Stations, Deposit-14 ML	4
2.2 - 2.6	Soil productivity data for Deposit-14 ML	5 -9
3.1	Soil productivity Stations, Deposit -14 NMZ	10
3.2 - 3.6	Soil quality data for Deposit -14 NMZ	11-15
5.0	Soil Standards Classification	16

Soil Productivity at NMDC Ltd., BIOM, Deposit - 14 ML & 14 NMZ, Kirandul Complex

FOREWORD

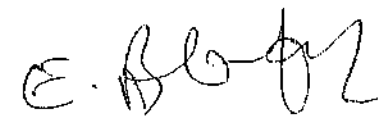
M/s. NMDC Ltd., a Government of India Enterprise, mining iron ore at deposit -14/11C in Bailadila ranges of Dantewada District, Chhattisgarh State.

NMDC desired to monitor current Soil Productivity at Deposit-14 ML & Deposit-14 NMZ. They entrusted the work to M/s. Richardson & Cruddas (1972) Ltd., a Government of India undertaking, Chennai having Environmental Engineering Laboratory approved by CPCB/MoEF, Accredited By NABL & other State Pollution Control Board Recognized.

The Soil Samples from Deposit-14 ML & Deposit-14 NMZ are analyzed and is presented in this report.

Our Sincere thanks are due to project authorities of BIOM, Kirandul Complex for their kind co-operation during the Study period.

Date : 15<sup>th</sup> March '14  
Place : Chennai - 98.

  
(E. BALAKRISHNAIAH)  
Unit In-charge



Richardson & Cruddas (1972) Ltd.,

Project Personnel

Name	Qualification	Designation	Experience (Years)
Mr. E. Balakrishnaiah	B.Tech. (Civil) M.E. (Env. Engg.) Lead EMS Auditor (ISO 14001)	Unit Incharge/ Env. Engg & Projects	20
Mr. M.N. Anil Kumar	B.Sc. EMS & ISO 14000 ISO/IEC 17025	Quality Manager	17
Mr. V. Arun Kumar	Dip. Chem. Tech., DCPIC., DIPC., ISO/IEC 17025	Technical Manager	14
Mr. P. Subburam	M.Sc.	Senior Analyst	18
Mr. T.V. Rajan	B.Sc.	Sr. Chemist	30
Mr. S.K. Mishra	B.Sc.	Analyst	15
Mr. B. Karunakaran	Dip. Chem. Tech.	Sr. Engineer	13
Mr. M. Pushparajan	Dip. Chem. Tech.	Jr. Engineer	13
Mr. R. Vel Murugan	M.Sc.	Chemist	11
Mr. K. Vijayakumar	BEM	Jr. Analyst	9
Mr. K. Seetharaman	BEM	Jr. Analyst	9
Mr. V. Mayakkannan	M.Sc., DESD	Env. Analyst	8
Mr. V. Raghuvaran	B.Sc.	Jr. Analyst	7
Mr. K.Vengatesh	M.Sc.	Jr. Analyst	2
Mr. S. Ravichandran	M.A. Dip. Multi. & Web	System Analyst	13



# NABL

**National Accreditation Board for  
Testing and Calibration Laboratories**  
Department of Science & Technology, India

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## CERTIFICATE OF ACCREDITATION

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**RICHARDSON & CRUDDAS (1972) LTD.,  
ENVIRONMENTAL ENGINEERING LABORATORY, CHENNAI DIVISION**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

69-D; SIDCO Industrial Estate, Ambattur, Chennai

in the discipline of

**CHEMICAL TESTING**

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Certificate Number T-2422

Issue Date 10/01/2013



Valid Until 09/01/2015

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

John Varughese  
Convenor

Anil Relia  
Director

Dr. T. Ramasami  
Chairman



# BSCIC Certifications Pvt. Ltd.

## Certificate Of Registration



OCCUPATIONAL HEALTH & SAFETY  
MANAGEMENT SYSTEM

This is to certify that:

**RICHARDSON & CRUDDAS (1972) LIMITED**  
ENVIRONMENTAL ENGINEERING LABORATORY  
#69D, SIDCO INDUSTRIAL ESTATE, AMBATTUR  
CHENNAI 600 098, TAMILNADU, INDIA

Hereby granted the certificate number: **BN5671/5086:0712**

Subsequent to the assessment conducted on 17 July 2012 and the organisation found operating a Occupational Health & Safety Management System which complies with the requirements of **OHSAS 18001:2007** for the following Scope:

**Collection, Analysis and Monitoring Services such as Air Quality, Water Quality, Noise Level, Soil Quality, Stack Sampling, EIA/EMP Studies & Environmental Data Generation & Monitoring**

Originally registered: 19 July 2012

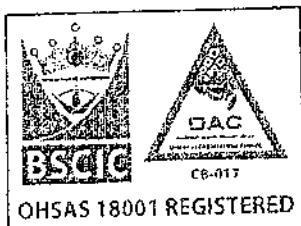
Latest issue: 19 July 2012

Expiry Date: 18 July 2015

For BSCIC CERTIFICATIONS PVT.LTD.:

*Sanjay Seth*  
Managing Director

Page: 1 of 1



Validity of this Certificate is subject to Annual Surveillance Audits to be done Successfully on or before 17 / July / 2013 and 17 / July / 2014 resp. (In case if Surveillance Audit is not allowed to be conducted; this Certificate shall be Suspended/Withdrawal). Please re-check the validity thereafter at <http://bscic.com/admincontrol/certificatestatus.php> or [www.bsc-icc.com](http://www.bsc-icc.com) at REGISTRATION STATUS.

This Certificate of Registration is granted subject to relevant provisions of the BSCIC Certifications PVT. LTD. Contract Terms & Scheme for Registration Form 918 (Latest Version). Please see a 018 at our website [www.bsc-icc.com](http://www.bsc-icc.com). The certificate of Registration remains the property of BSCIC Certifications Pvt. Ltd. and shall be returned immediately upon request.  
BSCIC Headquarters: IInd Floor, SCO 150, Sector - 21-C, Faridabad 121001 Haryana, INDIA



# BSCIC Certifications Pvt. Ltd.

## Certificate Of Registration



ENVIRONMENTAL MANAGEMENT SYSTEM

This is to certify that:

**RICHARDSON & CRUDDAS (1972) LIMITED**  
ENVIRONMENTAL ENGINEERING LABORATORY  
#69D, SIDCO INDUSTRIAL ESTATE, AMBATTUR  
CHENNAI 600 098, TAMILNADU, INDIA

Hereby granted the Certificate Number: **BN5671/5086:0712**

Subsequent to the assessment conducted on 17 July 2012 and the organisation found operating a Environmental Management System which complies with the requirements of **ISO 14001:2004** for the following Scope:

**Collection, Analysis and Monitoring Services such as Air Quality, Water Quality, Noise Level, Soil Quality Stack Sampling, EIA/EMP Studies & Environmental Data Generation & Monitoring**

Originally registered: 19 July 2012

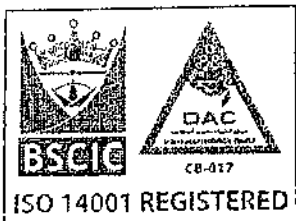
Latest issue: 19 July 2012

Expiry Date: 18 July 2015

For BSCIC CERTIFICATIONS PVT.LTD.:

*[Signature]*  
Sanjay Seth  
Managing Director

Page: 1 of 1



Validity of this Certificate is subject to Annual Surveillance Audits to be done Successfully on or before 17 / July / 2013 and 17 / July / 2014 resp. (In case if Surveillance Audit is not allowed to be conducted; this Certificate shall be Suspended/Withdrawn) Please re-check the validity thereafter at <http://bscic.com/admincontrol/certificatestatus.php> or [www.bscic-icc.com](http://www.bscic-icc.com) at REGISTRATION STATUS.

This Certificate of Registration is granted subject to relevant provisions of the BSCIC Certifications PVT. LTD. Contract Terms & Scheme for Registration Form OIR (Latest Version). Please see B OIR at our website [www.bscic-icc.com](http://www.bscic-icc.com). The certificate of Registration remains the property of BSCIC Certifications PVT. Ltd. and shall be returned immediately upon request. BSCIC Headquarters: IInd Floor, SCO 150, Sector - 21, Gurgaon, Haryana, INDIA.



# BSCIC

## CERTIFICATE OF REGISTRATION

### QUALITY MANAGEMENT SYSTEM

This is to certify that:

**RICHARDSON & CRUDDAS (1972) LTD.**

UNIT 1 - #69D, SIDCO INDUSTRIAL ESTATE, AMBATTUR,  
CHENNAI - 600 098, TAMILNADU, INDIA

UNIT 2 - (SITE LAB) C/O M/S JSW STEEL LIMITED  
VIDYANAGAR, TORANAGALLU, BELLARY DISTRICT- 583275,  
KARNATAKA, INDIA

Hereby granted the Certificate Number: **BN5906/5411:1012**

Subsequent to the assessment conducted on 25 Sep. 2012 and the organisation found operating a Quality Management System which complies with the requirements of **ISO 9001:2008** for the following Scope:

Unit 1 - Execution, Servicing of Public Health Engineering Projects, Civil and Structural Works, Environmental Engineering & Monitoring Services, Manufacture and Supply of Hand Pumps, Spare Parts & Water Supply Material.

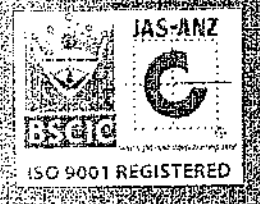
Unit 2 - Collection, Analysis and Monitoring Services such as Air Quality, Water Quality, Noise Level, Soil Sampling, Solid Waste Sampling & Analysis, Stack Sampling, Emission Monitoring of Petrol & Diesel Driven Vehicles and Carrying out Environmental Monitoring Works for EIA / EMP Studies

Originally registered: 08 Oct. 2012      Latest issue: 08 Oct. 2012      Expiry Date: 07 Oct. 2015

For BSCIC CERTIFICATIONS PVT. LTD.:

*Sanjay Seth*  
Managing Director

Page: 1 of 1



Validity of this Certificate is subject to Annual Surveillance Audits to be done Successfully on or before 25 / Sep. / 2013 and 25 / Sep. / 2014 resp. (in case if Surveillance Audit is not allowed to be conducted; this Certificate shall be Suspended/Withdrawal). Please re-check the validity thereafter at <http://bscic.com/admincontrol/certificatestatus.php> or [www.bsc-icc.com](http://www.bsc-icc.com) at REGISTRATION STATUS.

This Certificate of Registration is granted subject to relevant provisions of the BSCIC Certifications PVT. LTD. Contract Terms & Scheme for Registration Form B 018 (Latest version). Please see B 018 at our website [www.bsc-icc.com](http://www.bsc-icc.com). The certificate of Registration remains the property of BSCIC Certifications Pvt. Ltd. and shall be returned immediately upon request.  
BSCIC Headquarters: 11nd Floor, SCO 150, Sector - 21 C, Faridabad 121001 Haryana, INDIA



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
Karnataka State Pollution Control Board  
Bangalore

**CERTIFICATE OF EMPANELMENT**

This is to certify that

**ENVIRONMENTAL ENGINEERING LABORATORY**  
**Richardson & Cruddas (1972) Limited**  
**V.V.Nagar, JSW Township, Torangallu, BELLARY**

has been empanelled with B-Grade for its facilities for sampling and analysis of Air/Emission as per the guidelines issued by the Board KSPCB /COC /16/ 2010-11/23, dated 02.04.2011.

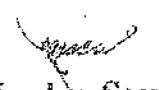
Certificate No: PCB/668 (43)/COC-2011 5138

Issue date: 21 AUG 2012

Valid up to: 31.12.2013

This certificate remains valid for the scope of empanelment, subject to continuous satisfactory compliances as per the guidelines mentioned above.

The facilities available in the Laboratory are given in Annexure-I and terms and conditions are given in Annexure-II

  
Member Secretary

  
Chairman -



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
Karnataka State Pollution Control Board  
Bangalore

**CERTIFICATE OF EMPANELMENT**

This is to certify that

**ENVIRONMENTAL ENGINEERING LABORATORY**  
**Richardson & Cruddas (1972) Limited**

**V.V.Nagar, JSW Township, Torangallu, BELLARY**  
has been empanelled with **B-Grade** for its facilities for sampling and analysis of water & waste water as per the guidelines issued by the Board KSPCB /COC /16 /2010-11/23, dated 02.04.2011.

Certificate No: PCB/668 (43)/COC/2011 3138

Issue date: 12.1 AUG 2012

Valid up to: 31.12.2013

This certificate remains valid for the scope of empanelment, subject to continuous satisfactory compliances as per the guidelines mentioned above.

The facilities available in the Laboratory are given in Annexure-I and terms and conditions are given in Annexure-II

Member Secretary

Chairman



## TAMIL NADU POLLUTION CONTROL BOARD

From	To
Dr. K. Karthikeyam, M.Tech, ph.D., Director, (ETI) Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.	The Unit Incharge, Richardson & Cruddas (1972) Ltd, 69 -D, SIDCO Industrial Estate, Ambattur, Chennai - 600 098

Date : 10-06-2011

Sir,

Sub: TNPCB - General- Testimonial for your Environmental  
Engineering Laboratory-Regarding

Ref : B.P.Ms.No. 42 dated 26/06/1984

This is to Certify that M/s. Richardson & Cruddas (1972) Limited.(A Govt. of India U/T) Chennai , has full-fledged Environmental Engineering Laboratory with all sophisticated Instruments and Equipments to carry out physico - chemical, heavy metals and biological analysis in Water / Wastewater, sampling and analysis of Ambient air quality parameters as per revised NAAQ standards 2009, Stack emission and sludge analysis etc. They are also having technical expertise and manpower to carry out Environmental Monitoring and EIA / EMP studies.

They are very much component to carry out analysis and other mentioned studies.

*Dr. Karthikeyam*  
10/6/11

Director, (ETI)

Tamil Nadu Pollution Control Board  
Chennai

76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 22353134, 22353135, 22353136, 22353137, 22353138, 22353139, 22353140, 22353141

Fax : 044 - 22353068

## 1.0 INTRODUCTION AND ENVIRONMENTAL SETTING

### 1.1 Bailadila Region

NMDC developed large scale mechanized mining projects in the Bailadila Iron Ore Deposits located about 120 km Southwest of Jagdalpur in the southern part of Chhattisgarh. Bailadila Deposit-14 ML is one of the iron ore deposit identified for commercial exploitation of Iron Ore. After creation of necessary infrastructure etc., highly mechanized mining operations were commenced in April 1968 for exploitation of iron ore. The mined ore is processed to obtain marketable products such as Lump, CLO and fine ore which are despatch by railway to meet the demands of various customers and export to Japan and other countries. The new product called calibrated ore of high grade is also used locally by sponge iron producers. The project has full mechanized facilities for mining, ore processing, loading and dispatch. Bailadila region is a hilly terrain with a twin ridge and network of drainage system. The hills rise to the height of 600 m above surrounding plains. The average rainfall is around 2500 mm concentrated mostly during SW Monsoon period from June to September.

### 1.2 Bailadila Deposit - 14 ML Area

Bailadila Iron Ore Deposit 14 ML is one of highly mechanised mines of NMDC in Bailadila range with the mining lease area of 322.368 Ha. The Deposit 14 ML is located between Latitude  $N18^{\circ}36'11.2022''$  to  $N18^{\circ}37'34.6006''$  and Longitude  $E81^{\circ}13'15.9460''$  to  $E81^{\circ}14'44.6788''$ . The strike of ore body of Deposit-14 ML is NNW-SSE and dips  $80-85^{\circ}$  towards east its strike length is 1.5 km. The total reserves are 378.81 million tones with an average Fe grade of about +65%. The rated production capacity is 5 million tonnes per annum. The life of the mine is 76 years from 01.04.2012 based on reserves. The topography of the area is hilly terrain. Highly mechanized iron ore mining operations are being carried out in the above lease area for exploitation of iron ore. The mining in Deposit 14 ML is carried out on the hill top from 1167 MRL to 813 MRL. The vertical extension of ultimate pit limit shall be from 1157 MRL to 813 MRL with an area of 191.062 ha. The Deposit-14ML comprises of Deposit-14. The area experiences hot summer and winter. The hilltops are characterized by lateritic capping and hard outcrops with scanty soil cover. The hilltops have various grasses, shrubs. The location map of project area is shown in Fig. 1.1

### 1.3 Deposit-14 NMZ Area

Bailadila Deposit-14 NMZ is one of the iron ore deposit identified in 1980 for commercial exploitation of Iron Ore with a mining lease area is of 506.742 hectare.

The Deposit-14NMZ comprises of Deposit-11C. After creation of necessary infrastructure etc., highly mechanized mining operations were commenced in the year 1987 for production of iron ore from Deposit-11C.

The Deposit 14 NMZ is located between latitude N18°36'44.0492" to N18° 38'31.8650" and longitude E 81° 13'54.6335" to E81°15'24.1185". The strike of ore body of Deposit-14 NMZ is N150E and dips 450 to sub vertical easterly; its strike length is 1.4 km. The total reserves are 150.162 Million Tonnes with an average Fe grade of about +63%. The rated production capacity is 5.5 million tonnes per annum. The products are Lump ore and fine ore.

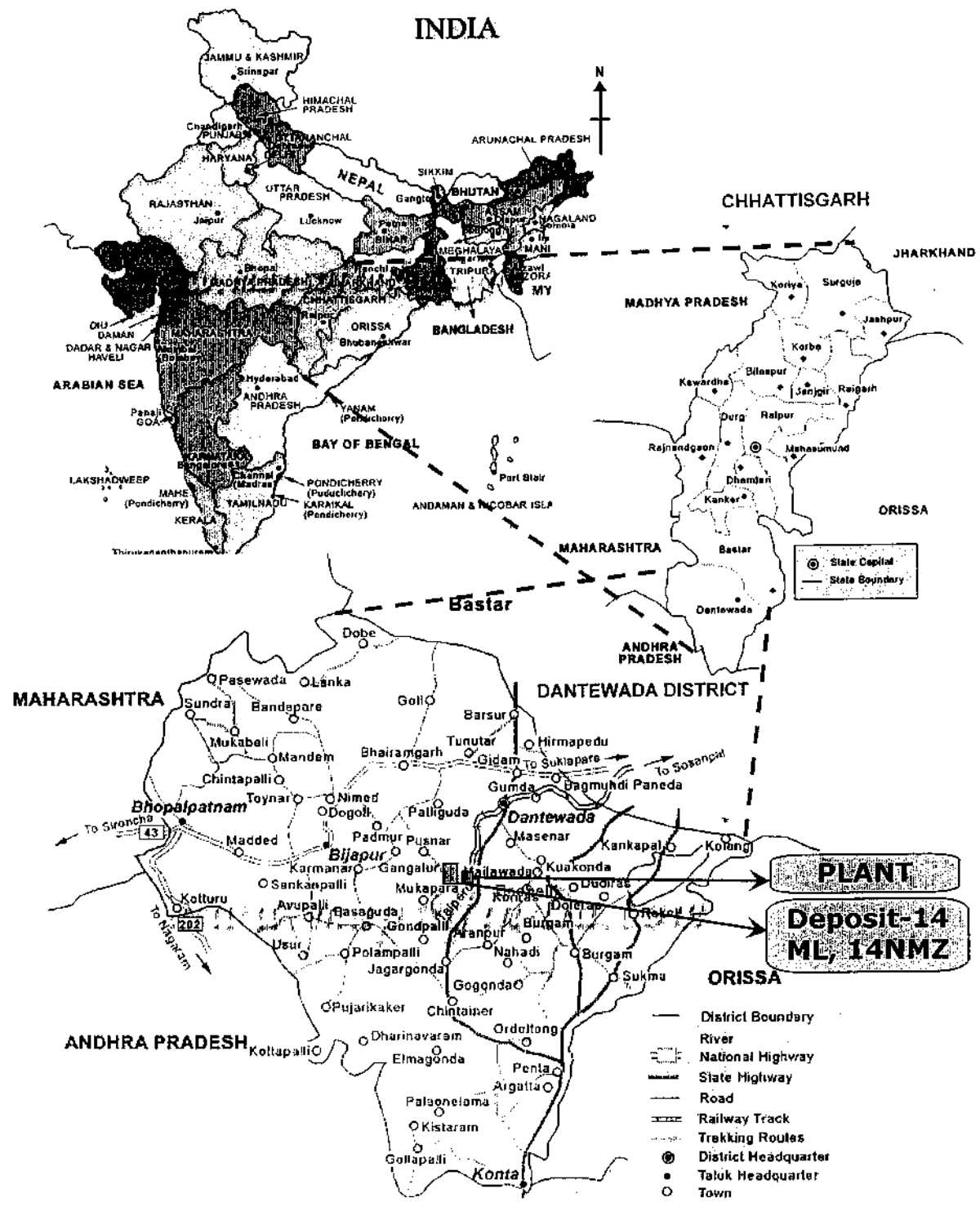
### 1.4 Environmental Management

The iron ore project at Bailadila Deposit - 14 ML & Deposit-14 NMZ is provided with full mechanised facilities and designed with adequate pollution control measures and long term plan for environmental protection. Pollution control measures for maintaining ambient air quality, water quality, noise and vibration levels are planned and being implemented. It has also a systematic afforestation programme and stabilisation of dump slopes both by mechanical and biological means.

### 1.5 Scope of the work

NMDC entrusted the work for testing of "**Soil Productivity in the mine lease area of Deposit-14 ML & Deposit-14 NMZ**" to M/s. Richardson and Cruddas (1972) Ltd., (A Govt. of India Undertaking), Chennai having Environmental Engineering Laboratory approved by Central Pollution Control Board (CPCB)/ MoEF.

Fig: 1.1 LOCATION MAP OF PROJECT AREA  
DEPOSIT- 14 ML & 14 NMZ KIRANDUL (BIOM KIRANDUL COMPLEX)



## 2.0 SOIL PRODUCTIVITY AT DEPOSIT- 14 ML

### 2.1 Rationale behind Sampling

The soil productivity is essential to know the quality of soil. By keeping the above aspects in view, five locations are selected in and around project area of Deposit-14 ML for Soil testing. Sampling locations are selected in such a way that indifferent type of soils covered in the areas of proposed infrastructure, mining, waste dumps etc. The soil sampling locations are given in the Table No. 2.1.

Table - 2.1 Soil Productivity Stations

S.No	Location name	Location code
1	Mining area, Deposit -14	D14-SQ-1
2	Afforestation Area	D14-SQ-2
3.	Near Nallah	D14-SQ-3
4.	Waste dump Area	D14-SQ-4
5.	Infrastructure Area	D14-SQ-5

### 2.2 Data Analysis results

The soil data is presented in the table from table 2.2 to 2.6 as given below

Soil Productivity at Deposit - 14 ML and Deposit - 14 NMZ Area

**Table - 2.2 SOIL PRODUCTIVITY DATA**

Location : Mining area, Deposit -14(D14 -SQ -1)

Sampling Date : 08.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low (< 4 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.08
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (82)
4.	Phosphorus, kg/ha	Very low (18)
5.	Potassium, kg/ha	Very low (77)
6.	Organic matter (%)	0.25
7.	Natural Moisture content (%)	1.0
8.	Field Capacity (%)	1.1

**Table - 2.3 SOIL PRODUCTIVITY DATA**

Location : Afforestation Area, Deposit -14(D14 -SQ -2)

Sampling Date : 08.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low (< 6 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.12
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (74)
4.	Phosphorus, kg/ha	Very low (23)
5.	Potassium, kg/ha	Very low (80)
6.	Organic matter (%)	0.28
7.	Natural Moisture content (%)	1.1
8.	Field Capacity (%)	1.3

**Table - 2.4 SOIL PRODUCTIVITY DATA**

Location : Near Nallah, Deposit -14(D14 -SQ -3)  
Sampling Date : 08.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 3 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.16
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (79)
4.	Phosphorus, kg/ha	Very low (17)
5.	Potassium, kg/ha	Very low (87)
6.	Organic matter (%)	0.32
7.	Natural Moisture content (%)	1.2
8.	Field Capacity (%)	1.5

## Soil Productivity at Deposit - 14 ML and Deposit - 14 NMZ Area

**Table - 2.5 SOIL PRODUCTIVITY DATA**

Location : Waste dump Area, Deposit -14(D,14 -SQ - 4)

Sampling Date : 08.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 4 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.10
2.	Temperature (°C)	22.0
3.	Nitrogen, kg/ha	Very low (86)
4.	Phosphorus, kg/ha	Very low (20)
5.	Potassium, kg/ha	Very low (91)
6.	Organic matter (%)	0.22
7.	Natural Moisture content (%)	1.0
8.	Field Capacity (%)	1.2

**Table - 2.6 SOIL PRODUCTIVITY DATA**

Location : Infrastructure Area, Deposit -14(D14 -SQ -5)  
Sampling Date : 08.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 3 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.20
2.	Temperature (°C)	22.0
3.	Nitrogen, kg/ha	Very low (71)
4.	Phosphorus, kg/ha	Very low (19)
5.	Potassium, kg/ha	Very low (80)
6.	Organic matter (%)	0.21
7.	Natural Moisture content (%)	1.1
8.	Field Capacity (%)	1.0

### 3.0 SOIL PRODUCTIVITY AT DEPOSIT-14 NMZ

#### 3.1 Rationale behind Sampling

The soil productivity is essential to know the quality of soil. By keeping the above aspects in view, five locations are selected in and around project area of Deposit-14 NMZ for Soil testing. Sampling locations are selected in such a way that indifferent type of soils covered in the areas of proposed infrastructure, mining, waste dumps etc. The soil sampling locations are given in the Table No. 3.1.

Table - 3.1 Soil Productivity Stations

S.No	Location name	Location code
1	Mining area, Deposit -14NMZ	D14NMZ-SQ-1
2	Afforestation Area	D14NMZ-SQ-2
3.	Near Nallah	D14NMZ-SQ-3
4.	Waste dump Area	D14NMZ-SQ-4
5.	Infrastructure Area	D14NMZ-SQ-5

#### 3.2 Data Analysis report

The soil data is presented in the table from table 3.2 to 3.6 as given below

**Table - 3.2 SOIL PRODUCTIVITY DATA**

Location : Mining area, Deposit -14(D14NMZ - SQ -1)  
Sampling Date : 09.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 4 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.11
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (80)
4.	Phosphorus, kg/ha	Very low (16)
5.	Potassium, kg/ha	Very low (75)
6.	Organic matter (%)	0.24
7.	Natural Moisture content (%)	1.0
8.	Field Capacity (%)	1.1

**Table - 3.3 SOIL PRODUCTIVITY DATA**

Location : Afforestation Area (D14NMZ-SQ -2)  
 Sampling Date : 09.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 6 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.15
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (78)
4.	Phosphorus, kg/ha	Very low (25)
5.	Potassium, kg/ha	Very low (86)
6.	Organic matter (%)	0.30
7.	Natural Moisture content (%)	1.3
8.	Field Capacity (%)	1.2

**Table - 3.4 SOIL PRODUCTIVITY DATA**

Location : Near Nallah (D14NMZ- SQ - 3)  
Sampling Date : 09.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 3 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.13
2.	Temperature (°C)	22.5
3.	Nitrogen, kg/ha	Very low (83)
4.	Phosphorus, kg/ha	Very low (18)
5.	Potassium, kg/ha	Very low (79)
6.	Organic matter (%)	0.28
7.	Natural Moisture content (%)	1.1
8.	Field Capacity (%)	1.3

## Soil Productivity at Deposit - 14 ML and Deposit - 14 NMZ Area

**Table - 3.5 SOIL PRODUCTIVITY DATA**

Location : Waste dump Area (D14NMZ-SQ - 4)

Sampling Date : 09.02.14

Sl. No.	Parameter	Results
<b>(A) Physical Properties</b>		
1	Soil Depth / profile depth	Low (< 4 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B) Chemical Properties</b>		
1.	pH	6.22
2.	Temperature (°C)	22.0
3.	Nitrogen, kg/ha	Very low (86)
4.	Phosphorus, kg/ha	Very low (20)
5.	Potassium, kg/ha	Very low (90)
6.	Organic matter (%)	0.26
7.	Natural Moisture content (%)	1.0
8.	Field Capacity (%)	1.2

**Table - 3.6 SOIL PRODUCTIVITY DATA**

Location : Infrastructure Area (D14NMZ-SQ - 5)

Sampling Date : 09.02.14

Sl. No.	Parameter	Results
<b>(A)Physical Properties</b>		
1	Soil Depth / profile depth	Low ( < 3 cm)
2	Structure	Stony
3	Texture	Sandy Pebbles
4	Available water holding capacity	very low
<b>(B)Chemical Properties</b>		
1.	pH	6.18
2.	Temperature (°C)	22.0
3.	Nitrogen, kg/ha	Very low (73)
4.	Phosphorus, kg/ha	Very low (22)
5.	Potassium, kg/ha	Very low (84)
6.	Organic matter (%)	0.33
7.	Natural Moisture content (%)	1.3
8.	Field Capacity (%)	1.4

### 4.0 STANDARD SOIL CLASSIFICATION

S.No	Parameter	Classification
1	pH	<4.5 Extremely acidic 4.51 - 5.00 Strong acidic 5.51- 6.00 moderately acidic 6.01- 6.50 Slightly acidic 7.31- 7.80 Neutral 7.81- 8.50 moderately alkaline 8.51- 9.00 Strongly alkaline 9.01 Very Strongly alkaline
2	Salinity Electrical Conductivity (ppm) (1ppm = 640µs/cm)	Upto 1.00 Average 1.01- 2.00 harmful to germination 2.01 - 3.00 harmful to crops (sensitive to salts)
3	Organic Carbon	Upto 0.2 very less 0.21 – 0.4 less 0.41 – 0.5 medium 0.51 – 0.8 on average sufficient 0.81 – 1.00 sufficient >1.00 more than sufficient
4	Nitrogen (Kg/ha)	Upto 50 very less 101 – 150 good 151 - 300 Better >300 sufficient
5	Phosphorus (Kg/ha)	Upto 15 very less 16 – 30 less 31 – 50 medium 51 – 65 on an average sufficient 66 – 80 sufficient >80 more than sufficient
6	Potassium (Kg/ha)	0 – 120 very less 120 – 180 less 181 – 240 medium 241 – 300 average 301 – 360 better >360 more than sufficient

Source : Hand Book of Agriculture, Indian Council of Agricultural Research

## 5.0 CONCLUSION

We are collected Soil Samples from various locations at Deposit- 14 ML & Deposit-14 NMZ area. Looking to the above mentioned properties of soil, the patch of land is not suitable for agricultural purpose. These soils have very low water holding capacity, low in available nitrogen ,phosphorus and potassium content , this is showed that the fertility/productivity level of the soils are very poor. Hence it is very difficult to convert these soils for crop production purpose.

K. Vijaya  
Analyst

For RICHARDSON & CRUDDAS (1972) LTD.

  
E. BALAKRISHNAIAH  
Unit Incharge

Signatures with seal of In-charge



एनएमडीसी लिमिटेड  
**NMDC LIMITED**

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



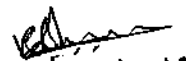
Check list-No- 39.

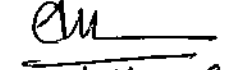
**Certificate**

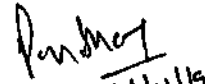
This is to certify that NMDC Ltd, has applied for forest clearance for renewal of mining lease over 322.368 Ha. of reserve forest land for Deposit — 14 ML near Kirandul, District-South Bastar Dantewada, State- Chhattisgarh.

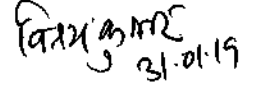
I, on behalf of NMDC Ltd., agree to continue the work in already broken areas as per forest clearance granted by MOEF & CC, until final forest clearance is granted by MOEF& CC Govt Of India for renewal of Mining Lease.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mg. (Env.)

  
31/01/19

  
31.01.19



एनएमडीसी लिमिटेड  
**NMDC LIMITED**

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India




Check list-No- 40.

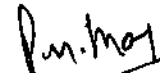
**Establishment and operation of Vocational Training Institute**

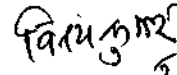
NMDC Ltd. is running an Industrial Training Institute (ITI) at Bhansi for development of the skills of the local youth.

  
General Manager  
BIOM, Kirandul Complex

  
29/01/2019

  
29/01/2019  
Sr. Mgr (Gen)

  
21/01/19

  
21-01-19

पंजीयन क्रमांक – पंजीयन शुल्क प्रोसेसिंग शुल्क का विवरण

वनसंरक्षण अधिनियम, 1980 अंतर्गत नवीनीकरण प्रस्ताव की अभिस्वीकृति हेतु प्रमाण पत्र।

आवेदक संस्थान बी.आई.ओ.एम. किरन्दुल कॉम्प्लेक्स, जिला – दन्तेवाड़ा (छत्तीसगढ़) का वन संरक्षण अधिनियम, 1980 के अंतर्गत दन्तेवाड़ा वन मंडल बचेली परिक्षेत्र के वन भूमि कंक्ष क्रमांक-1863,1861,1859, 1864, 1858,1857,1860 में 322.368 हे. वन भूमि प्रत्यावर्तन का प्रस्ताव दिनांक 19.09.2018 को पंजीकृत की गई है एवं इस प्रस्ताव का पंजीयन क्रमांक / FP/CG/MIN/31401/2018 है।

आवेदक संस्थान से पंजीयन एवं प्रोसेसिंग शुल्क पृथक पृथक राशि 6000/- रुपये डीडी क्रमांक – 872002 दिनांक 04.09.2018 एवं 1,15,000/- रुपये डी.डी. क्रमांक 872001 दिनांक 04.09.2018 को प्राप्त हुई है। जिसे कोषालय में जमा किया गया है।

वनमंडलाधिकारी  
दन्तेवाड़ा, वनमंडल,  
दक्षिण बस्तर दन्तेवाड़ा



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



161

कंडिका नं.-42

वन्यप्राणी परियोजना पर प्रधान मुख्य वन संरक्षक (वन्यप्राणी) का अभिमत ।  
(विशेष कर खनन प्रकरण में)

प्रधान मुख्य वन संरक्षक (वन्यप्राणी) छत्तीसगढ़ के पत्र क्रमांक / व.प्रा. / 571 रायपुर दिनांक 04/02/2017 को परियोजना द्वारा प्रस्तावित वन्यप्राणी संरक्षण योजना को अनुमोदित की गई है। पत्र की प्रतिलिपि संलग्न - 10 में प्रेषित है।

महाप्रबन्धक

बी.आई.ओ.एम.,  
किरन्दुल कॉम्प्लेक्स

रॉफ. वि.ह.

29/01/2019

ऑफिस प्रो. (प्रा.)

P. N. Meher  
31/01/19

किरण कुमार  
31.01.19

# **Annexure-10**

(Biodiversity (वन्यप्राणी) Conservation and  
Management Plan)

कार्यालय, मुख्य वन संरक्षक, (वन्यप्राणी) एवं परियोजना संचालक,  
इन्द्रावती टायगर रिजर्व, जगदलपुर, बस्तर, छत्तीसगढ़



Phone: 07782-225073, E-mail: cefsel@rediffmail.com, cefsel@rediffmail.com



क्रमांक/वओप्रा/त.अधि./1699  
प्रति,

जगदलपुर, दिनांक :- 30/08/2016

प्रधान मुख्य वन संरक्षक  
(वन्यप्राणी)  
छत्तीसगढ़, रायपुर

विषय:- Biodiversity Conservation and Management Plan for Kirandul and Bachel Complex-reg.

आपका कार्यालय ज्ञापन क्र./व.प्रा./प्रबंध-315/2155, दिनांक 01/08/2016

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उपरोक्त विषय में निवेदन है कि Biodiversity Survey and Conservation Plan for Deposit 14, 11c and 11e and Mines, Kirandul, Kirandul Complex and Biodiversity Survey and Conservation Plan for Biladila Iron Ore Project, Deposit 5 10 and 11A Bachel Complex संबंधी प्रस्ताव पर N.A.D.C. के अधिकारियों से चर्चा कर क्षेत्र का निरीक्षण करने के पश्चात पुनरीक्षित Biodiversity Survey and Conservation Plan का प्रतिवेदन इस कार्यालय के पत्र क्रमांक/व.प्रा./T.O./2981, दिनांक 29.12.2015 द्वारा भेजी गई है। प्रस्तुत वन्यप्राणी संरक्षण योजना का परीक्षण किया गया है। प्रस्तुत योजना पुनरीक्षित प्रस्ताव अनुसार प्रेषित किया गया है। अतः प्रस्ताव अनुसंधान सहित आपके अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु सादर सन्नेपित है।

परियोजना प्रस्ताव में 20 वर्षों के लिये निम्नानुसार कार्य एवं राशि प्रस्तावित की गई है।

Details of Biodiversity Conservation and Management Plan for Kirandul and Bachel Complex			
S.N.	Particulars	Deposit-5,10 & 11A	Deposit-14 and 11C
1	Soil and Water Conservation		
1.1	Special soil conservation		
1.2	Conservation of Soil and Water in 500 Ha. Plantation area, Checkdam etc.	55,60,000.00	55,60,000.00
1.3	Existing Watershed Improvement	1,38,00,000.00	1,38,00,000.00
1.4	Development of new water resource	45,50,000.00	45,50,000.00
1.5	Reclamation of perennial water stream like Dhobinala etc.	1,51,50,000.00	1,51,50,000.00
	Sub-Total	1,00,000.00	1,00,000.00
2	Improvement of Fodder and Pasture Development	3,91,60,000.00	3,91,60,000.00
3	Improvement of Tree Cover Plantation and associated programmes	4,70,000.00	4,70,000.00
4	Training and Workshop	4,23,62,700.00	3,69,62,700.00
5	Ecological Monitoring	21,00,000.00	21,00,000.00
6	PBR	80,00,000.00	80,00,000.00
7	Identification of invasive species and recovery of susceptible species	76,00,000.00	76,00,000.00
		30,00,000.00	30,00,000.00

T.O. - 20/8/16

164

8	Development of Herbal Garden for ex Situ conservation	25,00,000.00	25,00,000.00
9	Management of Tailing Pond by biological means	20,00,000.00	20,00,000.00
10	Protection of wildlife from accidental death on the Bachel-Jagdalpur railway line and mining area	25,00,000.00	25,00,000.00
11	Workshops in JFMC's including compensation in human animal conflict cases	10,00,000.00	10,00,000.00
12	Biological Reclamation of OIL dumps	2,21,90,000.00	2,21,90,000.00
13	Green Belt development	21,00,000.00	21,00,000.00
14	Biological Reclamation	50,00,000.00	50,00,000.00
15	Flora and fauna study	10,00,000.00	10,00,000.00
16	Animal rescue center at Lamm Park-Jagdalpur	35,00,000.00	35,00,000.00
17	Ex-situ conservation and captive breeding of herbivores (One at Dantewada and other at Bijapur)	50,00,000.00	50,00,000.00
	Sub Total	10,31,22,700.00	9,77,22,700.00
	Grand Total	14,22,82,700.00	13,68,82,700.00

प्रस्तावित योजना के तहत बरेलीवाड़ा वनमण्डल के अतिरिक्त आने वाले कार एवं वाहन क्षेत्र वन्यप्राणियों के संरक्षण एवं प्रबंधन संबंधित कार्य में वन क्षेत्र में भू-जल संरक्षण कार्य क्षेत्र में विद्यमान जल स्रोतों का विकास, चारागाह विकास, वाटर सेड सुधार, वन आवरण में वृद्धि एवं वन्यप्राणियों के संरक्षण संबंधी जागरूकता एवं अनुश्रवण कार्यशाला, गॉनिटरिंग कार्य, हॉर्बल गार्डन आदि मुख्य रूप से प्रावधानित की गई है। इसके अतिरिक्त वन्यप्राणी की सुरक्षा, दैनिक प्रशासनिक कार्यों की व्यवस्था, मानव वन्यप्राणी द्वंद प्रकरणों में सहायता राशि का भुगतान वन्यप्राणियों के प्रशासनिक लिये उपयुक्त फलदार पौधों का वृक्षारोपण, चारागाह प्रजाति के पौधों का रोपण, पेय जल एवं शाला व्यवस्था हेतु तालमय निर्माण, डीजलफर्त, बहुल क्षेत्रों एवं संकटाग्रस्त प्रजाति के संरक्षण हेतु वन्यप्राणी विकास कार्य के कोर्यू ड्रीडिंग कार्य, लामनी पार्क जगदलपुर में एनिमल रिसक्यू सेन्टर, बचेली जगदलपुर रेल लाइन एवं खनन क्षेत्र में वन्यजीवों का आकस्मिक मौत से संरक्षण, दंतेवाड़ा एवं बचेली जगदलपुर में शिकारहारी वन्यप्राणी प्रजनन केन्द्र आदि कार्यों के लिये प्रावधानित की गई है।

प्रतिवेदन सूचनार्थ सादर सम्बंधित है।

- संलग्न-1. इस कार्यालय का पुनरोक्षित प्रस्ताव।
- 2. एन.एम.डी.सी. का वन्यप्राणी योजना 02 प्रतियों में।

मुख्य वन संरक्षक (वन्यप्राणी) एवं  
परियोजना संचालक, इन्द्रावती टायगर रिजर्व,  
जगदलपुर, वस्तर, छत्तीसगढ़  
जगदलपुर, दिनांक :- 31/08/2016

पृ. क्रमांक/वोपा/त.अधि/1699  
प्रतिलिपि

अपर प्रधान मुख्य वन संरक्षक (भू-प्रबंध/व.सं.अ.) छ.ग. रायपुर को सूचनार्थ संप्रेषित।  
मुख्य वन संरक्षक, जगदलपुर वृत्त जगदलपुर को सूचनार्थ।  
श्री जे.ए. कमलाकर, ए.जी.एम. (पर्यावरण) एन.एम.डी.सी. लिमिटेड किरन्दुल, छत्तीसगढ़  
की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अप्रेषित।

मुख्य वन संरक्षक (वन्यप्राणी) एवं  
परियोजना संचालक, इन्द्रावती टायगर रिजर्व,  
जगदलपुर, वस्तर, छत्तीसगढ़

कार्यालय प्रधान मुख्य वन संरक्षक (वन्यप्राणी प्रबंधन एवं जैव विविधता  
संरक्षण सह मुख्य वन्यप्राणी अभिरक्षक), छत्तीसगढ़  
अरण्य भवन, मैडिकल कॉलेज रोड, रायपुर

E mail - cwlwccg@gmail.com

(Tel. 0771-2552228, Fax 0771-2552227)

क्र./व.प्रा./प्रबंध/न.क्र.-315/2017/.....<sup>571</sup>

रायपुर, दिनांक 04/08/2017

प्रति,

अपर प्रधान मुख्य संरक्षक  
(भू-प्रबंध/व०सं०अ०)  
छत्तीसगढ़, रायपुर

विषय- Bio Diversity Conservation & Management Plan Dep- 5, 10 & 11 a mines & for Kirandul  
Bachelli Iron Ore Project Dep-14, 11 c & 11 b mines,

- संदर्भ- 1. भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्रमांक/J-11015  
/483/2007/IA/II (M), Date 23-07-2007 एवं पत्र क्रमांक/J-11015/201/2007/IA/II (M),  
Date 11-09-2007
2. अपर प्रधान मुख्य संरक्षक, (भू-प्रबंध/वन संरक्षण अधिनियम), छत्तीसगढ़, रायपुर का पत्र  
क्रमांक/भू-प्रबंध/खनिज/331-113/2045 दिनांक 29.11.2013 एवं पत्र क्रमांक/1551  
दिनांक 24.06.2016
3. मु०व०सं०(व.प्रा.) एवं परियोजना संचा., इंद्रावती टायगर रिजर्व, जगदलपुर, छ.ग. का पत्र क्रमांक/  
व.प्रा./त.अ./1698 दिनांक 30.08.2016
4. एन.एम.डी.सी. किरन्दूल का पत्र क्र./ENV/HO/BDCP/किरन्दूल/209 दि. 20.08.2016
5. कार्यालयीन ज्ञापन क्रमांक/व.प्रा./प्रबंध-315/2155 दिनांक 01.08.2016

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विषयांतर्गत उपरोक्त संदर्भित ज्ञापन के तारतम्य में लेख है कि भारत सरकार पर्यावरण, वन एवं जलवायु  
परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्रमांक/J-11015/483/2007/IA/II (M), Date 23-07-2007, Dep- 5, 10 & 11  
a Bailadila Iron Ore Project mines एवं पत्र क्रमांक/J-11015/201/2007/IA/II (M), Date 11-09-2007 द्वारा  
Iron ore Project Dep-14, 11 c & 11 b mines (935.522 ha.) में लौह अयस्क खनन हेतु प्रथम चरण की स्वीकृति जारी  
की गई है। उक्त स्वीकृति आदेश के शर्त क्रमांक (XV) B (iii) एवं शर्त क्रमांक (XIV) B (iii) वन्यप्राणी प्रभाग से संबंधित  
है, जो निम्नानुसार है :-

Conservation measures for protection of flora and fauna in the core & buffer Zone shall be  
drawn up in consultation with the local forest and wildlife department.

आवेदक संस्थान द्वारा प्रस्तुत योजना का परीक्षण किया गया। मुख्य वन संरक्षक (व.प्रा.) एवं परियोजना  
संचालक, इंद्रावती टायगर रिजर्व एवं एन.एम.डी.सी. के अधिकारियों के द्वारा क्षेत्र का संयुक्त रूप से निरीक्षण कर संशोधित  
परियोजना प्रतिवेदन प्रस्तुत करने हेतु निर्देशित किया गया। तदनुसार क्षेत्र निरीक्षण कर मुख्य वन संरक्षक (व.प्रा.) एवं  
परियोजना संचालक, इंद्रावती टायगर रिजर्व, जगदलपुर द्वारा एन.एम.डी.सी. बघेली, किरन्दूल काम्पलेक्स को पुनरीक्षित  
प्रस्ताव तैयार कर प्रस्तुत करने बाबत लेख किया जाकर निर्देश के पालन में एन.एम.डी.सी. किरन्दूल काम्पलेक्स द्वारा कमरा  
राशि रु. 14,22,82,700/- एवं राशि रु. 13,68,82,700/- लाख का संशोधित प्रस्ताव प्रस्तुत किया गया है। साथ ही  
उत्खनन शुरू होने के पूर्व की स्थिति दर्शाते हुए तथा प्रत्येक 04 वर्षों के अंतराल पर किये गये उत्खनन दक्षता हेतु नक्शा  
बनाकर मॉनिटरिंग कर 05 वर्ष हेतु 2.50/- लाख = 02 प्रोजेक्ट हेतु 5.00/- लाख लिस्ट में शामिल किया गया है।  
सैटेलाइट ईमेजरी एवं नक्शा तैयार किये जाने तथा डी.जी.पी.एस. क्रय करने हेतु लगभग 24.50 लाख प्रति प्रोजेक्ट  
बराबर 49.00 लाख अतिरिक्त व्यय भारी होगा। जिसका चल्लेख कार्यवार विवरण में दिया गया है।

स्वीकृति आदेश के शर्त क्रमांक (XV) B (iii) एवं शर्त क्रमांक (XIV) B (iii) में दिये गये शर्त के अनुसार  
आवेदक संस्थान द्वारा वेसलाईन स्टडी किया जाकर फ्लोरा एवं फौना के संबंध में रिपोर्ट प्रस्तुत की गई है। यह रिपोर्ट  
इंडियन इंस्टीट्यूट ऑफ बायो सोशल रिसर्च एण्ड डेवलपमेंट, केस्टोपुर कोलकत्ता के द्वारा तैयार की गई है। आवेदक

संस्थान द्वारा संबंधित रिपोर्ट एन.एम.डी.सी. किरन्दूल के पत्र क्रमांक/209, दिनांक 20.06.2013 द्वारा इस कार्यालय को प्राप्त हुआ, जिसे मुख्य वन संरक्षक (व.प्रा.) एवं परियोजना संचालक, इंद्रावली टायगर रिजर्व, जगदलपुर के अभिमत हेतु भेजा गया। उनके द्वारा कार्यालयीन पत्र क्रमांक/व.प्रा./तं.अ./1698, दिनांक 30.08.2016 द्वारा इस कार्यालय को अनुशांसा सहित प्रेषित किया गया। अध्ययन के अनुसार प्रस्तावित क्षेत्र में शुष्क पर्णपाति (Dry Deciduous) वन विद्यमान है। वनों में पाये जाने वाली प्रजाति खैर, भीरा, गरई, जामुन, साजा, अर्जुन, तेंदू, साल, कलमेहा, सरफोक, कूकूबीच, तोरा आदि पाये जाते हैं। औषधि पौधों में मुख्य रूप से आंवला, हरी, बेल, सतावरी, दूधी, धवाई, गिलौरी, कलाहारी, वन तुलसी, हटजोड़, अनंत मूल, काली मूसली, सफेद मूसली आदि पाये जाते हैं। प्रस्तावित क्षेत्र में पाये जाने वाले वन्यप्राणियों में टायगर, पेंथर, चीतल, भालू, जंगली बिल्ली, सोनकुत्ता, शियार, साही, जंगली सूअर, सांभर आदि हैं। पक्षियों में काईट, बुलबुल, मोर, काला तितर, ग्रीन विल, घरेलू कौआ आदि प्रमुख हैं। जिसका उल्लेख प्राक्कलन में दर्शित है।

प्रस्तावित योजना के तहत दंतेवाड़ा वनमंडल के अंतर्गत आने वाले संरक्षित क्षेत्र के वन्यप्राणियों के संरक्षण एवं प्रबंधन संबंधित कार्य में वन क्षेत्र में भू-जल संरक्षण कार्य, क्षेत्र में विद्यमान जल स्रोतों का विकास, चारागाह विकास, वाटर शेड सुधार, वन आवरण में वृद्धि एवं गार्डन आदि मुख्य रूप से प्रावधानित की गई हैं। इसके अतिरिक्त वन्यप्राणियों की सुरक्षा, दैनिक श्रमिकों की व्यवस्था, मानव-वन्यप्राणी द्वंद्व प्रकरणों में सहायता राशि का भुगतान, वन्यप्राणियों के व्यवस्था हेतु तालाब निर्माण, ट्री फर्न-बहुल क्षेत्रों एवं संकटाग्रस्त प्रजातियों के संरक्षण हेतु विकास कार्य, कंप्यूटर ब्रीडिंग कार्य, लामन पार्क जगदलपुर में एनिमल रेसक्यू सेन्टर, बचेली जगदलपुर रेल लाइन एवं खनन क्षेत्र में वन्यजीवों का आकस्मिक मौत से संरक्षण, दंतेवाड़ा एवं बीजापुर में शाकाहारी वन्यप्राणी प्रजनन केन्द्र आदि कार्यों के लिये 20 वर्षों हेतु कार्ययोजना प्रावधानित की गई है।

उपरोक्तानुसार आवेदक संस्थान से प्राप्त दोनों प्रस्तावों का परीक्षण किया गया। आवेदक संस्थान की ओर से 20 वर्षों तक विभिन्न कार्य प्रावधानित किया गया है जो मान्य करने योग्य नहीं है। अतः जैव-विविधता संरक्षण योजना में क्षेत्रीय आवश्यकता, वन्यप्राणी संरक्षण एवं संवर्धन तथा जैव-विविधता संरक्षण को दृष्टिगत रखते हुये 10 वर्षों की कार्ययोजना की स्वीकृति दी जा रही है। संशोधित जैव-विविधता संरक्षण कार्ययोजना निम्नानुसार है:-

### Bio-Diversity Conservation Action Plan for Kirandul & Bachel Iron ore Project (20 years) Time Table for Implementation


S.N.	Particulars	Deposite 5, 10, & 11 A	Deposite-14 and IIC
1	Soil and Water Conservation		
1.1	Special soil Conservation	55,60,000.00	55,60,000.00
1.2	Conservation of Soil and Water in 500 ha. Plantation area, Checkdam etc.	1,38,00,000.00	1,38,00,000.00
1.3	Existing Watershed Improvement	45,50,000.00	45,50,000.00
1.4	Development of new water resource	1,51,50,000.00	1,51,50,000.00
1.5	Reclamation of perennial water stream like Dhobinatala etc.	1,00,000.00	1,00,000.00
	<b>Sub Total-</b>	<b>3,91,60,000.00</b>	<b>3,91,60,000.00</b>
2	Improvement of Fodder and Posture Development	4,70,000.00	4,70,000.00
3	Improvement of Tree Cover Plantation, and associated Programmes.	4,23,62,700.00	3,69,62,700.00
4	Training and Workshop	21,00,000.00	21,00,000.00
5	Ecological Monitoring	80,00,00.00	80,00,00.00
6	PBR	76,00,000.00	76,00,000.00
7	Identification of invasive species and recovery of susceptible species.	30,00,000.00	30,00,000.00

8	Development of Herbal Garden for ex Situ Conservation	25,00,000.00	25,00,000.00
9	Management of Tailing Pond by biological means	20,00,000.00	20,00,000.00
10	Protection of wildlife from accidental death on the Bscheli-jagdapur railway line and mining area.	25,00,000.00	25,00,000.00
11	Workshop in JFMC's including compensation in human animal conflict cases.	10,00,000.00	10,00,000.00
12	Biological Reclamation of OB dumps	2,21,90,000.00	2,21,90,000.00
13	Green Belt development	21,00,000.00	21,00,000.00
14	Biological Reclamation	50,00,000.00	50,00,000.00
15	Flora and Fauna study	10,00,000.00	10,00,000.00
16	Animal rescue center at Jagdalpur CZA.	35,00,000.00	35,00,000.00
	Ex-situ conservation and captive breeding of herbivores (One at Dantewada and other at Bijapur)	50,00,000.00	50,00,000.00
17	Procurement of DGPS, Satellite Imaginary, laying out of maining boundries after every 4 years (for whole project period) its Ground Truthing and Prepration of Maps.	14,50,000.00	14,50,000.00
18	Artificial Nesting of Birds in project area. (02 Lakh for 05 year)	10,00,000.00	10,00,000.00
	Sub Total-	10,55,72,700.00	10,01,72,700.00
	Grand Total-	14,47,32,700.00	13,93,32,700.00

जैव-विविधता संरक्षण की लागत कमशः राशि रु. 14,47,32,700/- एवं 13,93,32,700/- कुल राशि रु. 28,40,65,400.00 लाख वर्तमान दरों पर निर्धारित है परियोजना में देरी होने से यह लागत राशि बढ़ेगी, जिसमें प्राईस इन्डेक्स के हिसाब से वृद्धि होगी। परियोजना के क्रियान्वयन के समय जो भी लागत आयेगी उसे आवेदक संस्थान को वन विभाग में एकमुस्त जमा करानी होगी, जिससे मूल्य वृद्धि के प्रभाव को समाप्त किया जा सके। वन विभाग इस प्रकार जमा की गयी राशि से वन्यप्राणी संरक्षण योजना 20 वर्षों की समय सारणी के अनुसार क्रियान्वित करेगा। जैव-विविधता समिति का गठन एवं जैव-विविधता रजिस्टर (पी.बी.आर.) निर्माण हेतु दर्शित राशि रु. कमशः 76.00+76.00 = कुल राशि रु. 152.00 लाख जैव-विविधता बोर्ड में जमा की जावेगी। राज्य जैव-विविधता बोर्ड के निर्देशानुसार जैव-विविधता समिति (वी.एम.सी.) का गठन कर जैव-विविधता रजिस्टर (पी.बी.आर.) का निर्माण करेंगे।

अनुसूचित जैव-विविधता संरक्षण परियोजना प्रस्ताव की दो प्रति संलग्न प्रेषित है। तदनुसार जैव-विविधता संरक्षण योजना में प्रावधानित राशि रु. 14,47,32,700/- एवं राशि रु. 13,93,32,700/- कुल राशि रु. 28,40,65,400.00 लाख (अट्ठाईस करोड़ चालीस लाख पैंसठ हजार चार सौ रूपये) एकमुस्त जमा करने हेतु आवेदक संस्थान को निर्देशित करने का कष्ट करें।


संलग्न:- प्रस्ताव की दो प्रतियां एवं कार्ययोजना  
क्रियान्वयन हेतु समय-सारणी।

  
 (आर.के.सिंह)  
 प्रधान मुख्य वन संरक्षक(वन्यप्राणी)  
 छत्तीसगढ़, रायपुर

पृ०क०/व.प्रा./प्रबंध-315/2017/572  
प्रतिलिपि:-

रायपुर, दिनांक 04/01/2017

1. भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, ज़ोरबोग, नई दिल्ली ।
2. प्रमुख सचिव, छ.ग. शासन, वन विभाग, मंत्रालय, महानदी भवन, नया रायपुर ।
3. सदस्य सचिव, छ.ग. राज्य, जैव-विविधता बोर्ड, कार्या. प्र०मु०व०सं०(व.प्रा.) ।
4. मुख्य वन संरक्षक (व.प्रा.) एवं क्षेत्र संचालक, इंद्रावती टायगर रिजर्व, जगदलपुर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित ।
5. मुख्य वन संरक्षक, जगदलपुर वृत्त, जगदलपुर की ओर सूचनार्थ प्रेषित । इस कार्यालय द्वारा कार्ययोजना की स्वीकृति के उपरांत ही योजना का क्रियान्वयन किया जायें ।
6. वनमंडलाधिकारी, दतेवाड़ा वनमंडल, दतेवाड़ा । प्रथम दो वर्ष की वार्षिक कार्ययोजना तैयार कर इस कार्यालय को स्वीकृति हेतु प्रस्तुत करें । इस कार्यालय की बिना स्वीकृति के कोई कार्य न करें ।
7. कार्यालय निदेशक, (आर.पी./एस.) एन.एम.डी.सी. लिमिटेड खनिज भवन 10-03-311/ए कैसल हिल्स, खनिज भवन, भासाब टैंक, हैदराबाद, पिन नं०-500028,
8. श्री जे.ए. कमलाकर, ए.जी.एम. (पर्यावरण) एन.एम.डी.सी. लिमिटेड, किरन्दूल छ.ग. की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित ।

  
प्रधान मुख्य वन संरक्षक(वन्यप्राणी)  
छत्तीसगढ़, रायपुर

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# एन एम डी सी लिमिटेड

## N M D C Limited

(भारत सरकार का उद्यम) (A GOVT. OF INDIA ENTERPRISE)

पंजीकृत कार्यालय : 'खानिज भवन', 10-3-311/ए, कैसल हिल्स, मासब टैंक, हैदराबाद - 500 028.  
Regd. Office: 'Khanij Bhavan' 10-3-311/A, Castle Hills, Masab Tank, Hyderabad - 500 028

30004737

30.01.2017

The Manager,  
SBH,  
NMD C BRANCH  
Hyderabad.

### Ref: Fund Transfer

Dear sir,

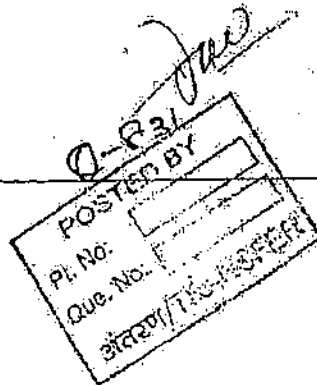
Kindly transfer an amount of Rs. 13,68,82,700.00 (Rupees Thirteen Crores Sixty Eight Lakhs Eighty Two thousand Seven Hundred) from our current account no: 52057027191 to CHATTISGARH CAMPA as per the following details given in the challan attached herewith.

Thanking you

20/1/17

Yours faithfully  
For NMD C Limited

*[Signature]*  
Authorized Signatories



SBH 4170 303000 101

दूरभाष : PHONES : 23538713\*21 (9 Lines), 23538723, 23538767

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30/1

170



Online Submission & Monitoring of Environmental,  
Forest and Wildlife Clearances  
-A Single Window Clearance System

12 Apr 2017 12:00:45 Logout

User Name: [R N Singh]  
State: [Telangana]  
Role : [Applicant]

My Account My Proposals Environment Clearance My Proposals Forest Clearance My Proposals Wildlife Clearance Help

Online payment history made by User/Agency under CAMPA

Help

Sno.	Proposal Detail	Application_No	Date of IN-PRINCIPLE	Amount to be Paid/Amount Paid (In Rs.)	Payment Status	Payment Detail	Demand Letter
1	FPJCG/MIN/316/1997 MINING LEASE TO NMDC LIMITED	MIN3161997695	11 Jun 1998	CA: 0/-, Addl CA: 0/- PCA: 0/-, CAT: 0/- Safety Zone: 0/-, Addl PA: 0/- NPV: 0/-, BIO DIVERSITY CONSERVATION PLAN OF BIOP DEP-5,10&11 Other Charges1: 0/- Other Charges2: 0/- Other Charges3: 0/- Total: 144732700/-	✓ Paid	Fund Demand Verified by Nodal Officer On : 22 Mar 2017 Bank Name : Corporation Bank Mode of Payment : NEFT/RTGS (Challan) Challan Generated On : 27 Mar 2017 Transaction Date : 04 Apr 2017	Demand Letter Generated Challan
2	FPJCG/MIN/312/1997 MINING LEASE FOR BAILADILA IRON ORE PROJECT (14 NHZ MINE) TO NMDC LIMITED	MIN3121997146	11 Jun 1998	CA: 0/-, Addl CA: 0/- PCA: 0/-, CAT: 0/- Safety Zone: 0/-, Addl PA: 0/- NPV: 0/-, Biodiversity conservation Plan for Bailadila Depos Other Charges1: 0/- Other Charges2: 0/- Other Charges3: 0/- Total: 136882700/-	✓ Paid	Fund Demand Verified by Nodal Officer On : 27 Jan 2017 Bank Name : Union Bank Of India Mode of Payment : NEFT/RTGS (Challan) Challan Generated On : 27 Jan 2017 Transaction Date : 30 Jan 2017	Demand Letter Generated Challan
3	FPJCG/MIN/893/2010 DIVERSION OF 413.745 HA OF FOREST LAND FOR BAILADILA IRON ORE MINING PROJECT IN FAVOUR OF M/S NMDC LIMITED IN DANTEWADA FOREST DIVISION IN DANTEWADA DISTRICT OF CHHATTISGARH-REG. (IRON ORE)	MIN8932010357	12 Nov 2014	CA: 0/-, Addl CA: 59787191/- PCA: 0/-, CAT: 0/- Safety Zone: 0/-, Addl PA: 0/- NPV: 0/-, Other Charges: 0/- Other Charges1: 0/- Other Charges2: 0/- Other Charges3: 0/- Total: 59787191/-	✓ Paid	Fund Demand Verified by Nodal Officer On : 03 Dec 2016 Bank Name : Corporation Bank Mode of Payment : NEFT/RTGS (Challan) Challan Generated On : 14 Dec 2016 Transaction Date : 16 Dec 2016	Demand Letter Generated Challan

Disclaimer

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For any clarification, kindly contact at (011-24695487 or may send E-Mail monitoring-ic(at)nic(dot)in.)

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For any Technical support, Please Contact Environment, Forest and Climate Change Informatics Division (EFCCID), NIC, New Delhi, monitoring-ic(at)nic(dot)in

NEFT RTGS CHALLAN

AGENCY COPY	
NEFT / RTGS CHALLAN for Ad-HOC CAMPA	
Date : 27-01-2017	
Agency Name.	NMDC
Application No.	MIN3121997146
State Code.	CG
Address.	NMDC Ltd., Khanj Bhawan 10-3-311/A Castle Hills Dantewada
Amount(In Rs)	136882700/-
Amount in Words : Thirteen Crore Sixty Eight Lakh Eighty Two Thousand Seven Hundred Rupees Only	
NEFT/RTGS to be made as per following details;	
Beneficiary Name:	CHHATTISGARH CAMPA
Pay to Account No.	CAMPACGMIN3121997146
Bank Name & Address:	Union Bank of India Branch Address: 62, Sunder Nagar New Delhi, Pin 110003
IFSC Code:	UBIN0534498
* This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only	

BANK COPY	
NEFT / RTGS CHALLAN for Ad-HOC CAMPA	
Date : 27-01-2017	
Agency Name.	NMDC
Application No.	MIN3121997146
State Code.	CG
Address:	NMDC Ltd., Khanj Bhawan 10-3-311/A Castle Hills Dantewada.
Amount(In Rs)	136882700/-
Amount In Words : Thirteen Crore Sixty Eight Lakh Eighty Two Thousand Seven Hundred Rupees Only	
NEFT/RTGS to be made as per following details;	
Beneficiary Name:	CHHATTISGARH CAMPA
Pay to Account No.	CAMPACGMIN3121997146
Bank Name & Address:	Union Bank of India Branch Address: 62, Sunder Nagar New Delhi, Pin 110003
IFSC Code:	UBIN0534498
* 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: [ubicampa@unionbankofindia.com](mailto:ubicampa@unionbankofindia.com)

30/1/17  
 [Signature]  
 30/1/17



SBHY 4170200101  
 POSTED BY  
 PL. No:  
 Ques. No:  
 SHREYAS TRAMISPER  
 [Signature]



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



कंडिका नं.-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।

लागू नहीं है।

3/11/19  
महाप्रबंधक  
बी.आई.ओ.एम.,  
किरन्दुल कॉम्प्लेक्स

25/01/19  
ए.पी. सिंह  
31/01/19  
ऑफिस प्रो. (प्रा.)

P. S. Singh  
31/01/19  
किरण कुमार  
31.01.19



एनएमडीसी लिमिटेड  
NMDC LIMITED

(भारत सरकार का एक उद्यम) (A Government of India Enterprise)  
CORPORATE IDENTITY NUMBER: L13100AP1958GOI001674  
Bailadila Iron Ore Mine, Kirandul Complex  
Kirandul- 494556, Distt- South Bastar Dantewada (C.G), India



173

Check list No. 44

प्रस्ताव में अन्य (misc) कमियों का विवरण।

1. वर्तमान में भू-अनुप्रयोग का मानचित्र। प्लेट-V
2. प्रस्तावित भू-अनुप्रयोग का मानचित्र। प्लेट-VI
3. मौजूदा और प्रस्तावित भूमि उपयोग के पैटर्न के साथ मानचित्र। प्लेट-VII
4. सत्यापित डी.जी.पी.एस. सर्वे रिपोर्ट। संलग्न है।

31/01/19  
महाप्रबंधक

बी.आई.ओ.एम.,  
किरन्दुल कॉम्प्लेक्स

सं. 1/19

श्री. 1/19

वरिष्ठ प्र. (प.प्र.)

29/01/19

31/01/19

किशोर कुमार  
31.01.19

# **(DGPS Report )**



D.G.P.S. SURVEY REPORT OF  
DEPOSIT -14 MINING LEASE (322.368 Ha)  
KIRANDUL



VILLAGE-KIRANDUL  
TAHSIL-BACHELI, CHHATTISGARH (CG),  
PIN: 494556

## 1.0 INTRODUCTION TO DGPS

DGPS system consist a reference receiver located on a known position that has been previously surveyed, and one or more receivers, the antenna, differential correction processing system and data link equipment. Both the reference receiver and user receiver collect and store data for later processing.

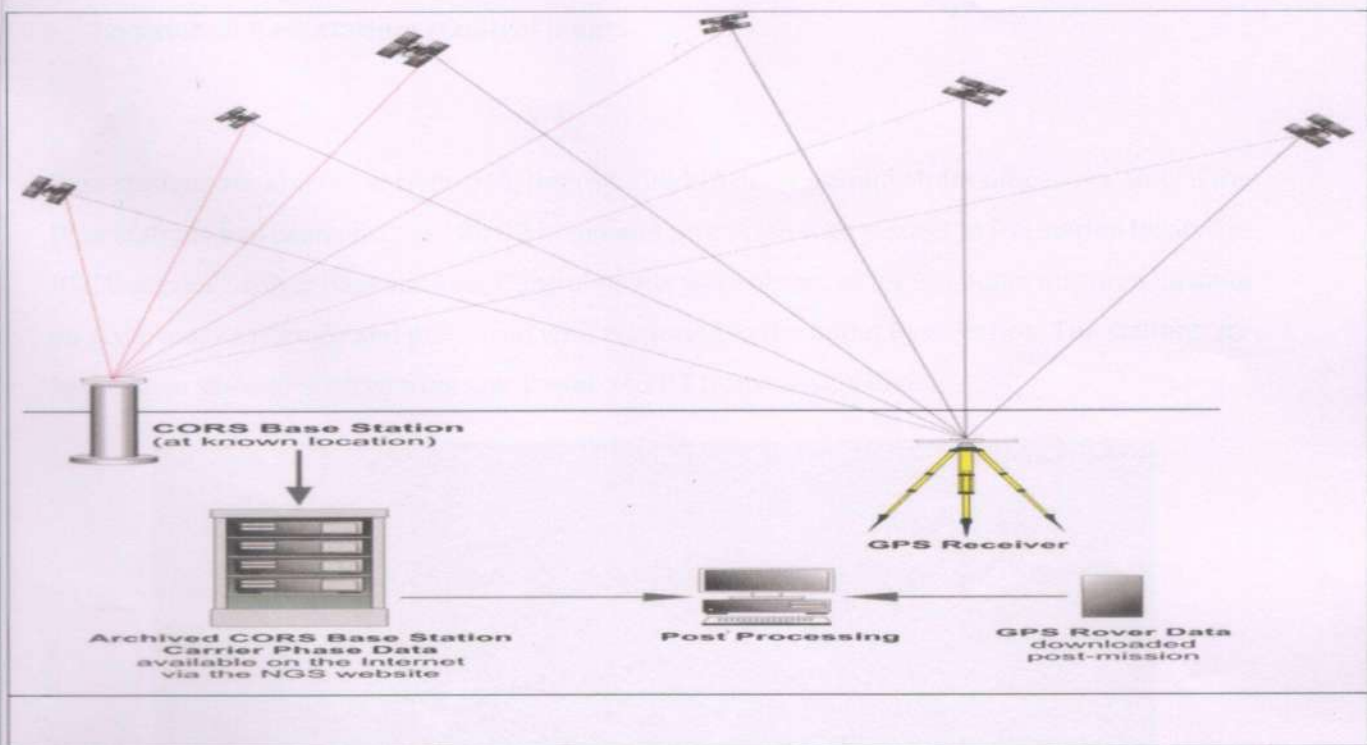
DGPS system is based on the principal that receiver in the same vicinity will simultaneously experience common error on a particular satellite ranging signal .in the receiver , measurement are taken from the reference receiver to remove common errors. Based on this principals, the user receiver must use the same set of satellite as the reference station then the DGPS equation is formulated to remove the common error get cancel. The common errors are single path delay through atmosphere and satellite clock.

### Advantages :

- Coordinates are available in real time in the field in global WGS-84 or local system
- Quality control - one knows in the field that the ambiguities are resolved and that the results are correct
- It is a truly one-person system
- Several rovers can use one reference station
- The approach has given rise to many applications

### Static Survey

- Most widely used differential technique for control and geodetic surveying.
- Involves long observation times (1-2 hour, depending on number of visible satellites) in order to resolve the integer ambiguities between the satellite and the receiver.
- Accuracies in the sub-centimeter range can be obtained.



## 2.0 PROCEDURE

### Establishment of Primary Control Points (Base Stations)

- The Base stations at Kirandul complex are established with cement pillars. The pillars are of permanent nature. The pillars are inserted with an Iron rod in their centres.



### Location of Base stations/Control points

Base stations are erected at Deposit 5, Deposit 10&11A and Kirandul Mines office area. One of the Base stations had been observed for 12 hours and processed with respect to IGS station located at IISC Bangalore. Other Base stations/Control points were observed for 5-6 hours duration forming an acute angled triangle and processed with respect to the initial Base station. The stations are in the open sky and are free from any Tower and HT transmission line.



The distance between D5 Off to M1, D5 off to KDL Off and M1 to KDL Off is 2.75km, 6.87km and 6.81 km respectively. All the corner pillars have been observed for 2 hours duration.



### Equipment's used

Two nos. Leica GS 10 and four nos. GS 15 GNSS receivers were used for Static survey. Accuracy of the equipment is 2mm after Post processing in horizontal and 4mm in vertical planes.

Leica GS10



Leica GS15



### 3. Processing of raw data

Leica Geo office 8.2 software is used for post processing of raw data. One of the Base stations has been processed with respect to IGS station, Bangalore and the others are processed with respect to this Control point.

IGS International GNSS service has around 380 GPS stations (337 active as of 01 Feb 2007) continuously running all over the world. The data of these IGS stations is processed on a daily basis to give precise orbits of the GPS satellites, precise coordinates and velocities of the IGS station and earth rotation parameters. CMMACS has contributed IGS station located at Bangalore for the GPS users worldwide. CMMACS (Centre for Mathematical Modelling and Computer Simulation) IGS station was established in year 1995 on an unfractured gneissic rock exposure in the Indian Institute of Science Campus in Bangalore.

This station also serves as a reference for GPS measurements made elsewhere in the country. Since this station forms a part of the global network of GPS stations worldwide, the co-ordinate of this station is known to millimeter accuracy.

#### IGS station at IISC Bangalore



#### Base station at Kirandul Hilltop Mine office area



#### 4. Objective

As per directives of INDIAN BUREAU OF MINES (IBM ) dated 06.04.2010 the boundary pillars of each mine lease / prospecting license are to be fixed precisely. Each boundary pillars shall be surveyed using DGPS (at least 2 Hours observation) for its ground position by an agency recognized by the State Government).

Superimposition of output files on Geo-referenced Vectorised Forest Compartment maps, SOI Topo sheets and Satellite Imageries (LISS IV) purchased from NRSC, Hyderabad.

खनिज साधन विभाग  
मंत्रालय, महानदी भवन, नया रायपुर

रायपुर, दिनांक 26 दिसम्बर 2013

क्रमांक एफ 7-14/2013/12.—राज्य शासन एतद्वारा चीफ कंट्रोलर ऑफ माइन्स भारतीय खान च्यूरो, नागपुर के परिपत्र क्रमांक 2/ 2010, दिनांक 06-04-2010 के पैरा-2 के बिन्दु-2 के तारतम्य में Differential Global Positioning System (डिजीपीएस) का उपयोग करते हुए सर्वेक्षण करने के लिए तालिका के कालम 2 में दर्शित संस्थान को कालम 3 में दर्शित खनिज से संबंधित खनिज रियायतों के लिए अधिमान्यता प्रदान करता है :—

क्रमांक (1)	संस्थान का नाम एवं पता (2)	अधिमान्यता का विवरण (3)
1.	सेन्ट्रल माईन प्लानिंग एण्ड डिजाईनिंग इंस्टीट्यूट गोण्डवाना प्लेस, कफि रोड, रांची-834031 (झारखण्ड)	खनिज कोयला की खनिज रियायतों से संबंधित डीजीपीएस सर्वे कार्य.
2.	नेशनल मिनरल डेवलपमेंट कॉर्पोरेशन लिमिटेड, खनिज भवन 10-3-311/ए, मासाब टैंक, कैसल हिल्स, हैदराबाद (आंध्रप्रदेश)	खनिज कोयला की छोड़कर अन्य खनिजों की खनिज रियायतों से संबंधित डीजीपीएस सर्वे कार्य.
3.	मीलाना आजाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल- 462051 (मध्यप्रदेश)	खनिज कोयला की छोड़कर अन्य खनिजों की खनिज रियायतों से संबंधित डीजीपीएस सर्वे कार्य.

2. अधिमान्यता प्राप्त संस्थान के लिए शर्तें—

- 2.1 खनिजपट्टा/पूर्वेक्षण अनुज्ञापित क्षेत्रों के प्रत्येक सोमा स्तम्भों का डीजीपीएस सर्वे के माध्यम से कम से कम 2 घंटे क आब्जर्वेशन कर स्थल पर सोमा स्तम्भों की स्थिति निर्धारण हेतु को-आर्डिनेट्स ज्ञात करना.
- 2.2 उपरोक्त बिन्दु 2.1 में दर्शित कार्य के लिए खनिज रियायतधारी द्वारा अधिमान्यता प्राप्त संस्थान को भुगतान करना होगा डीजीपीएस सर्वे कार्य हेतु पारिश्रमिक का निर्धारण अधिमान्यता प्राप्त संस्थान एवं खनिज रियायतधारी के मध्य आपस समन्वय से किया जाएगा.
- 2.3 डीजीपीएस सर्वे के संबंध में इण्टिग्रेटिड च्यूरो ऑफ माइन्स/राज्य शासन द्वारा समय-समय पर जारी निर्देशों का पालन अधिमान्यता प्राप्त संस्थान को करना होगा.

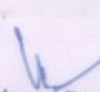
3. यह अधिमान्यता इस आदेश के जारी होने से आगामी आदेश पर्यन्त प्रभावशील होगी.

**5.0. INTRODUCTION TO SURVEY SITE:**

The surveyed Mining lease area is located in Kirandul Village , Bailadila Forest Range which comes, Dantewada District, Chhattisgarh..

**DGPS coordinates of the Mining Lease area, 14 ML**

Sl.no	Point Code	Longitude	Latitude	Easting	Northing
1	Base Point D14-Off	81° 13' 50.71266" E	18° 37' 34.82244" N	524340.532	2059499.234
2	A11	81° 13' 15.94600" E	18° 37' 02.54535" N	523323.06	2058505.933
3	A64	81° 13' 54.63350" E	18° 37' 34.60060" N	524455.425	2059492.564
4	A71	81° 14' 44.67880" E	18° 36' 44.04923" N	525923.927	2057940.846
5	A72	81° 14' 07.67830" E	18° 36' 11.20223" N	524841.011	2056929.86

  
 Divisional Forest Officer  
 Dantewada Division  
 DANTEWADA

  
 19/1/18  
 Manager (Survey)  
 B.I.O.P. Dep-No. 148110  
 KIRANDUL (C.G.)

6. DGPS SURVEY Photographs: -

Boundary Pillar photographs: CORNER POINT-A64



CORNER POINT-A11



CORNER POINT-A71



CORNER POINT-A72



## DATA POST PROCESSING REPORT

- when it has to be **right**



### Results - Baseline IISC - D14-off

#### Project Information

Project name:	DEP-14
Date created:	11/04/2014 10:42:44
Time zone:	5h 30'
Coordinate system name:	UTM44 (2)
Application software:	LEICA Geo Office 8.2
Processing kernel:	PSI-Pro 3.0
Processed:	11/04/2014 10:45:30

#### Point Information

	Reference: IISC	Rover: D14-off
Receiver type / S/N:	ASHTECH / 520013802	GS10 / 1532592
Antenna type / S/N:	ASH701945E_M NONE / CR62005480	AS10 Pole / -
Antenna height:	0.0780 m	0.4550 m
Initial coordinates:		
Latitude:	13° 01' 16.19707" N	18° 37' 34.82374" N
Longitude:	77° 34' 13.35337" E	81° 13' 50.71236" E
Ellip. Hgt:	843.7145 m	995.75294 m
Time span:	07/04/2014 06:17:25 - 07/04/2014 18:45:11	
Duration:	12h 27' 46"	

#### Processing Parameters

Parameters	Selected	Used	Comment
Cut-off angle:	15°	15°	



Ephemeris type (GPS):	Broadcast	Broadcast
Ephemeris type (GLONASS):	Broadcast	Broadcast
Solution type:	Automatic	Phase: all fix
GNSS type:	Automatic	GPS / GLONASS
Frequency:	Automatic	L1/E1 and L2
Fix ambiguities up to:	80 km	80 km
Min. duration for float solution (static):	5' 00"	5' 00"
Sampling rate:	Use all	30
Tropospheric model:	Hopfield	Hopfield
Ionospheric model:	Automatic	None
Use stochastic modelling:	Yes	Yes
Min. distance:	8 km	8 km
Ionospheric activity:	Automatic	Automatic

### Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo satellites:	None

### Final Coordinates

	Reference: IISC	Rover: D14-off	
Coordinates:			
Latitude:	13° 01' 16.19707" N	18° 37' 34.82244" N	
Longitude:	77° 34' 13.35337" E	81° 13' 50.71266" E	
Ellip. Hgt:	843.7145 m	995.75294 m	
Solution type:	Float		
GNSS type:	GPS		
Frequency:	IonoFree (L3)		
Ambiguity:	No		
Quality:	Sd. Lat: 0.0006 m Posn. Qlty: 0.0018 m	Sd. Lon: 0.0017 m Sd. Slope: 0.0010 m	Sd. Hgt: 0.0018 m

## Results - Baseline D14-OFF - A64

### Project Information

Project name: DEP-14  
 Date created: 11/04/2014 10:42:44  
 Time zone: 5h 30'  
 Coordinate system name: UTM44 (2)  
 Application software: LEICA Geo Office 8.2  
 Processing kernel: PSI-Pro 3.0  
 Processed: 11/04/2014 10:58:44

### Point Information

	Reference: D14-off	Rover: A64
Receiver type / S/N:	GS10 / 1532592	GS15 / 1509706
Antenna type / S/N:	AS10 Pole / -	GS15 Tripod / -
Antenna height:	0.4550 m	1.5000 m
Initial coordinates:		
Latitude:	18° 37' 34.82374" N	18° 37' 34.60003" N
Longitude:	81° 13' 50.71236" E	81° 13' 54.63273" E
Ellip. Hgt:	995.75294 m	992.0947 m
Time span:	10/04/2014 06:25:02 - 10/04/2014 08:30:23	
Duration:	2h 05' 21"	

### Processing Parameters

Parameters	Selected	Used	Comment
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	



Ephemeris type (GLONASS):	Broadcast	Broadcast
Solution type:	Automatic	Phase: all fix
GNSS type:	Automatic	GPS / GLONASS
Frequency:	Automatic	L1/E1 and L2
Fix ambiguities up to:	80 km	80 km
Min. duration for float solution (static):	5' 00"	5' 00"
Sampling rate:	Use all	1
Tropospheric model:	Hopfield	Hopfield
Ionospheric model:	Automatic	Computed
Use stochastic modelling:	Yes	Yes
Min. distance:	8 km	8 km
Ionospheric activity:	Automatic	Automatic

### Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo satellites:	None

### Final Coordinates

	Reference: D14-off	Rover: A64
Coordinates:		
Latitude:	18° 37' 34.82244" N	18° 37' 34.82244" N
Longitude:	81° 13' 50.71286" E	81° 13' 50.71286" E
Ellip. Hgt:	995.75294 m	1057.5192 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1/E1 and L2	
Ambiguity:	Yes	
Quality:	Sd. Lat: 0.0000 m Posn. Qlty: 0.0000 m	Sd. Lon: 0.0000 m Sd. Slope: 0.0000 m Sd. Hgt: 0.0000 m

## Results - Baseline D14-Off - A11

### Project Information

Project name: DEP-14  
 Date created: 11/04/2014 10:42:44  
 Time zone: 5h 30'  
 Coordinate system name: UTM44 (2)  
 Application software: LEICA Geo Office 8.2  
 Processing kernel: PSI-Pro 3.0  
 Processed: 11/04/2014 10:58:44

### Point Information

	Reference: D14-off	Rover: A11
Receiver type / S/N:	GS10 / 1532592	GS15 / 1509693
Antenna type / S/N:	AS10 Pole / -	GS15 Tripod / -
Antenna height:	0.4550 m	1.5000 m
Initial coordinates:		
Latitude:	18° 37' 34.82374" N	18° 37' 02.54438" N
Longitude:	81° 13' 50.71236" E	81° 13' 15.94513" E
Ellip. Hgt:	995.75294 m	972.5012 m
Time span:	10/04/2014 09:17:07 - 10/04/2014 11:30:31	
Duration:	2h 13' 24"	

### Processing Parameters

Parameters	Selected	Used	Comment
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	



Ephemeris type (GLONASS):	Broadcast	Broadcast
Solution type:	Automatic	Phase: all fix
GNSS type:	Automatic	GPS / GLONASS
Frequency:	Automatic	L1/E1 and L2
Fix ambiguities up to:	80 km	80 km
Min. duration for float solution (static):	5' 00"	5' 00"
Sampling rate:	Use all	1
Tropospheric model:	Hopfield	Hopfield
Ionospheric model:	Automatic	Computed
Use stochastic modelling:	Yes	Yes
Min. distance:	8 km	8 km
Ionospheric activity:	Automatic	Automatic

### Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo satellites:	None

### Final Coordinates

	Reference:D14-off	Rover:A11
Coordinates:		
Latitude:	18° 37' 34.82244" N	18° 37' 02.54535" N
Longitude:	81° 13' 50.71266" E	81° 13' 15.94600" E
Ellip. Hgt:	995.75294 m	1041.5318 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1/E1 and L2	
Ambiguity:	Yes	
Quality:	Sd. Lat: 0.0000 m Posn. Qlty: 0.0000 m	Sd. Lon: 0.0000 m Sd. Slope: 0.0000 m
		Sd. Hgt: 0.0001 m



## Results - Baseline D14-OFF - A71

### Project Information

Project name: DEP-14  
Date created: 11/04/2014 10:42:44  
Time zone: Sh 30'  
Coordinate system name: UTM44 (2)  
Application software: LEICA Geo Office 8.2  
Processing kernel: PSI-Pro 3.0  
Processed: 11/04/2014 10:58:44

### Point Information

	Reference: D14-off	Rover: A71
Receiver type / S/N:	GS10 / 1532592	GS15 / 1509706
Antenna type / S/N:	AS10 Pole / -	GS15 Tripod / -
Antenna height:	0.4550 m	1.3000 m
Initial coordinates:		
Latitude:	18° 37' 34.82374" N	18° 36' 44.04711" N
Longitude:	81° 13' 50.71236" E	81° 14' 44.67785" E
Ellip. Hgt:	995.75294 m	901.1067m
Time span:	10/04/2014 10:30:12 - 10/04/2014 12:40:05	
Duration:	2h 09' 53"	

### Processing Parameters

Parameters	Selected	Used	Comment
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	



Ephemeris type (GLONASS):	Broadcast	Broadcast
Solution type:	Automatic	Phase: all fix
GNSS type:	Automatic	GPS / GLONASS
Frequency:	Automatic	L1/E1 and L2
Fix ambiguities up to:	80 km	80 km
Min. duration for float solution (static):	5' 00"	5' 00"
Sampling rate:	Use all	1
Tropospheric model:	Hopfield	Hopfield
Ionospheric model:	Automatic	Computed
Use stochastic modelling:	Yes	Yes
Min. distance:	8 km	8 km
Ionospheric activity:	Automatic	Automatic

### Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo satellites:	None

### Final Coordinates

	Reference:D14-off	Rover:A71
Coordinates:		
Latitude:	18° 37' 34.82244" N	18° 36' 44.04923" N
Longitude:	81° 13' 50.71266" E	81° 14' 44.67880" E
Ellip. Hgt:	995.75294 m	970.5891 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1/E1 and L2	
Ambiguity:	Yes	
Quality:	Sd. Lat: 0.0000 m	Sd. Lon: 0.0000 m      Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0000 m	Sd. Slope: 0.0000 m

## Results - Baseline D14-off - A72

### Project Information

Project name: DEP-14  
 Date created: 11/04/2014 10:42:44  
 Time zone: 5h 30'  
 Coordinate system name: UTM44 (2)  
 Application software: LEICA Geo Office 8.2  
 Processing kernel: PSI-Pro 3.0  
 Processed: 11/04/2014 10:58:44

### Point Information

	Reference: D14-off	Rover: A72
Receiver type / S/N:	GS10 / 1532592	GS15 / 1509693
Antenna type / S/N:	AS10 Pole / -	GS15 Tripod / -
Antenna height:	0.4550 m	1.6000 m
Initial coordinates:		
Latitude:	18° 37' 34.82374" N	18° 36' 11.20201" N
Longitude:	81° 13' 50.71236" E	81° 14' 07.67739" E
Ellip. Hgt:	995.75294 m	832.1208 m
Time span:	10/04/2014 06:50:27 - 10/04/2014 09:00:25	
Duration:	2h 09' 58"	

### Processing Parameters

Parameters	Selected	Used	Comment
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	



Ephemeris type (GLONASS):	Broadcast	Broadcast
Solution type:	Automatic	Phase: all fix
GNSS type:	Automatic	GPS / GLONASS
Frequency:	Automatic	L1/E1 and L2
Fix ambiguities up to:	80 km	80 km
Min. duration for float solution (static):	5' 00"	5' 00"
Sampling rate:	Use all	1
Tropospheric model:	Hopfield	Hopfield
Ionospheric model:	Automatic	Computed
Use stochastic modelling:	Yes	Yes
Min. distance:	8 km	8 km
Ionospheric activity:	Automatic	Automatic

### Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo satellites:	None

### Final Coordinates

	Reference:D14-off	Rover:A72	
Coordinates:			
Latitude:	18° 37' 34.82244" N	18° 36' 11.20223" N	
Longitude:	81° 13' 50.71266" E	81° 14' 07.67830" E	
Ellip. Hgt:	995.75294 m	901.3080 m	
Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1/E1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0000 m Posn. Qlty: 0.0000 m	Sd. Lon: 0.0000 m Sd. Slope: 0.0000 m	Sd. Hgt: 0.0001 m



# Base Station point post process with IISC station (Bangalore)

LEICA Geo Office - (Project Balladía)

File Import Edit View Tools GPS-Proc Export Window Help

Open Documents

Point Id	Point ...
BCH1	Control
D14-OFF	Adjusted
M1	Adjusted
F4001	Adjusted
D5-OFF	Adjusted
F005	Adjusted

Management Tools

View/Edit GPS-Proc TPS-Proc Level-Proc Adjustment Points Surfaces Antennas Results CodeList Images



NMDC LIMITED

Divisional Forest Officer  
Dantevada Division  
DANTEWADA

*B. I. O. P.*  
19/1/18  
Manager (Survey)  
B. I. O. P. Dep-No. 148110  
KIRANDUL (22G.)

01/09/2013

S.No. 1788

Receiving the Application with the following enclosures for renewal of Mining Lease of M/s. NMDC Limited, Khanij Bhavan, Masab Tank, Hyderabad - 500028, INDIA on Raipur for 322.368 hectares of land located in Govt. Reserved Forest, Kirandul, Dist. Dantewada for renewal of Mining Lease for Iron ore in respect of Bailadila 14 (322.368 Hect.) Mining lease area held by Bailadila Iron Ore Mine, Kirandul Complex, P.O. Kirandul - 494 556, Dist. Dantewada.

Enclosures 02 Sets of Application in Form - J for renewal of Mining Lease consisting of the following documents in each set:

1. Application in Form - J. *RAH*
2. Receipt of payment of application fee for renewal of lease vide E-Challan no. 66120813000260 as Annexure-I. *RAH*
3. Copy of the certificate of registration of Company as Annexure-II. *RAH*
4. Copy of the No dues Certificate (NOC) issued by Mining Officer Dantewada as Annexure-III. *RAH*
5. Affidavit regarding upto date filing of Income Tax as Annexure-IV. *RAH*
6. Copy of the first renewal granted by Govt. of Chhattisgarh, vide letter no. 3-125/94/12/2, dated 28.06.2012 as Annexure-V. *RAH*
7. Lease Plan showing the area applied (ABCD) for renewal of Mining Lease on 1:50,000 scale as Annexure-VI. *RAH*
8. Copy of the Challan No. 23, dated 28.12.2012 for payment of Surface Rent for the year ending 31.12.2013 for Dep-14 M.L. area as Annexure-VII. *RAH*
9. Affidavit of sanctioned Mining Leases, etc. in different States of India, held by NMDC as Annexure-VIII. *RAH*
10. Copy of the Submission letter dated 02.09.2012 duly received by IBM Nagpur for renewal of Mining Lease as Annexure-IX. *RAH*
11. Copy of the Power of Attorney for submitting applications for renewal of Mining lease as Annexure-X. *RAH*
12. E-Challan No. 66120813000263, dated 10.09.13 of Rs. 1000/- for payment regarding meeting preliminary expenses for renewal of 14 Mining Lease as Annexure-XI. *RAH*
13. Copy of the Forest Clearance application submitted to PCCF, Raipur dated 21.02.2013 as Annexure-XII. *RAH*
14. Copy of the Notification Issued by MOEF regarding non requirement of fresh environment clearance at the time of renewal of mining Lease as Annexure-XIII. *RAH*
15. Copy of the latest Environment Clearance issued by MOEF, dated 18.06.1999 as Annexure-XIV. *RAH*
16. Map Showing Reserve Forest Compartments on Scale 1:3960 Scale as Annexure-XV. *RAH*

Place: Raipur

Signature and Designation

राजेश कुमार शर्मा, जिला प्रमुख, रायपुर

**FORM - J**

(To be submitted in <sup>Triplicate</sup> duplicate)

**GOVERNMENT OF CHHATTISGARH**

Application for Renewal of Mining Lease  
"See Rule 24A"

Recd fee  
Rs 8/-

Dated: 9<sup>th</sup> Sept, 2013

Received.....  
 at.....(Place)  
 on.....(Date)  
 Initial of Receiving Officer

To,  
The Secretary,  
Department of Mineral Resources,  
Govt. of Chhattisgarh,  
**RAIPUR**

Through - DM, Raipur

Sir,

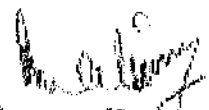
We request for renewal of our mining lease under the Mineral Concession Rules, 1960, of our Deposit-14 M.L. area.

A sum of ₹ 2500/- being the application fee payable under sub-rule (3) (i) (a) of rule 22 of the said rules has been deposited vide E-Challan No. 66120813000260, dated 30-8-2013, of State Bank of India (Annexure-I).

66120813000260  
RU 10-09-13  
RU

2. The required particulars are given below:

- (i) Name of the applicant with complete address. : NMDC Ltd.10-03-311/A, Castle Hills, Masab Tank, Hyderabad-500 028 (A.P.)
- (ii) Is the applicant a private individual, private company, public company; firm or association. : Public Sector Company, Registered under Company's Act. (Public Undertaking of Govt. of India)

  
General Manager  
NMDC Limited  
Bhilai, Raipur Complex

# एन एम डी सी लिमिटेड

## NMDC Limited

(भारत सरकार का एक उद्यम एवं आई. एच. जो. 9001:2000 एवं आई. एच. जो. 14001: 2004 प्रमाणित कंपनी।  
(A Government of India Enterprise) (An ISO-9001: 2000 & ISO-14001: 2004 Certified Company)

### बैलाडिला आयरन ओर माइन, किरांदुल कॉम्प्लेक्स

#### Bailadila Iron Ore Mine, Kirandul Complex

किरांदुल - 494556, जिला: दक्षिण बस्तर इन्डिया (छत्तीसगढ़), KIRANDUL - 494556, Dist. - SOUTH BASTAR BASTARWADA (C.G.) INDIA  
कार - लोहा अयस्क, Grade: IRONORE टैलेफोन: टेलीफोन: 09381-80848, फॉक्स: 07855-255226, 255227

**NMDC**

No. DGM/Geol/Ren.14 ML/512

Dt. 09.09.2013

To,  
The Secretary,  
Department of Mineral Resources,  
Govt. of Chhattisgarh,  
RAIPUR

Sub: Renewal of Bailadila Deposit 14 Mining Lease covering an area of 322.368 hectares under Rule 22 and Rule 24/A of Mineral Concession Rules, 1960.

Sir,

We are submitting herewith application in duplicate in Form-J for renewal of our Bailadila Deposit 14 (322.368 hectares) Mining Lease held by NMDC. The Mining Lease for this area was sanctioned vide order no. 3-125/94/12/2, dated 28.06.2002 of Government of C.G. for a period of 20 years w.e.f. 11.09.1995. The present application is for the renewal of the Mining Lease for a period of 20 years. It is requested that early action may kindly be taken for the renewal of the lease for the above area.

Thanking you,

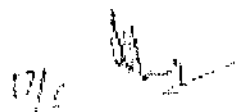
Yours faithfully



General Manager  
General Manager  
NMDC Limited  
BGM, Kirandul Complex

Encl: 1. Application Form in Form-J in duplicate.  
2. Acknowledgement Form in Form-D.

RM  
Triplicate




- (iii) In case applicant is :
- (a) An individual, his Nationality. : Not applicable
  - (b) A Company, an attested copy of the certificate of registration shall be enclosed. : Enclosed at Annexure II
  - (c) (Omitted)
  - (d) A firm or association the Nationality of all the partners of the firm or members of the association. : Not applicable
- (iv) Profession or nature of business of applicant. : Exploration and exploitation of Ores/minerals other than coal, natural gas, oil & atomic minerals.
- (v) (Omitted)
- (vi) (Omitted)
- (vi a) No. and date of the valid Clearance certificate of payment of mining dues (Copy enclosed). : Copy of the Certificate issued by the Collector, Dantewada enclosed at Annexure-III
- (vii) An Affidavit, that up to date Income Tax returns, as prescribed under the Income Tax Act, 1961, have been filed and the tax due including the tax on account of self-assessment has been paid. : Enclosed at Annexure-IV
- (viii) (a) Particulars of the Mining Lease of which renewal is desired. : Deposit-14 (322.368.Hect.) Mining Lease Area in Bailadila Range, Dantewada, Taluk-Kuakonda, Dist: South Bastar Dantewada, Chhattisgarh, for Iron-ore.

*M. A. B.*  
 M. A. B. Limited  
 M. A. B. Complex

- (b) Details of previous renewal granted, if any. : First renewal was granted by Govt. of Chhattisgarh, Mineral Resource Department vide letter no. 3-125/94/12/2, dated 28.06.2002 enclosed at Annexure-V
- (ix) Period for which renewal of Mining Lease is required : 20 years from 11-9-2015.
- (x) Whether renewal is applied for the whole or part the lease hold ? : Renewal applied for the entire area of 322.368 Hect. in extent as marked A, B,C, D in the plan in 1:50,000 Scale at Annexure-VI.
- (xi) (a) Does the applicant continue to have surface rights over the area of the land for which he requires the renewal of the mining lease. : Yes, surface Rent paid up to 31.12.2013. Copy of Challan No. 23 dt. 28.12.2012 enclosed at Annexure -VII.
- (b) If not, has he obtained the consent of the owner and occupier for undertaking mining operations. If so, the consent of the owner and occupier of the land obtained in writing be filed. : Not Applicable
- (xii) Particulars of the areas minerals wise in each state duly supported by affidavit for which the applicant or any person joint in interest with him. : Particulars are given in Annexure- VIII
- a) Already holds under mining Lease : -do-
- b) Has already applied for but not granted, or : -do-
- c) Being applied for Simultaneously : Not Applicable

*[Signature]*  
 General Manager  
 NNDC Limited


- (KC) A Mining plan which shall include :
- (a) The plan of the area showing the nature and extent of the mineral body spot or spots where the excavations to be done in the first year and its extent, detailed cross section and detailed cross section and detailed Plan of spot (s) of excavation based on prospecting data gathered by the applicant, a tentative scheme of mining for the first five years of lease. : The Mining plan has been submitted to Indian Bureau of Mines, receipt of submission is attached at Annexure-IX
- (b) The details of Geology and Lithology of the area, the extent of manual mining and through the machines. : The lease area contains a rich iron-ore bearing horizon 1.9 Km in strike length with an average width of 725 meters and depth of about 330 meters and contains about 350 million tonnes of Iron-ore reserves in hard ore and blue dust zone. The mining is being done through mechanized means.
- (c) Annual Programme and Plan for excavation for five years : Year                      Excavation (In Lakh Tonnes)
- | Year    | Ore | Sub-grade* | Waste |
|---------|-----|------------|-------|
| 2013-14 | 50  | 2.45       | 10.55 |
| 2014-15 | 50  | 0.28       | 12.72 |
| 2015-16 | 50  | 4.60       | 9.70  |
| 2016-17 | 50  | 3.40       | 6.79  |
| 2017-18 | 50  | 1.20       | 9.10  |
- \* will be dumped separately.

  
 General Manager  
 NBDC Limited  
 BOM, Kharad, Chennai

- (d) The plan of the area showing natural water courses; limit of reserved and other forest areas and density of trees, assessment of impact of mining activity on Forest, Land Surface and Environment including air and water pollution, the details of the scheme for afforestation, land reclamation, use of pollution control devices. : The Mining plan has been submitted to Indian Bureau of Mines, receipt of submission is attached at Annexure-IX
- (XD) Is the mineral going to be used in his own industry? If so, give full details; (for own industry see explanation under Rule 24B) : Iron Ore produced may partly be used in NMDC's proposed Steel Plant at Nagarnar, Jagdalpur also.
- (xi) In case the renewal applied for is only for part of the lease hold; : The renewal of Mining lease is sought for the entire area of 322.368 Hect. of Deposit-14 Mining Lease area as marked A-B-C-D on the Plans enclosed at Annexure- VI.
- (a) The area applied for renewal : --
- (b) Description of the area applied for renewal (Description should be adequate for the purpose of demarcation of the plot) : --
- (c) Particulars of the map of the lease hold with area applied for renewal clearly marked on it (attached) : --

*[Handwritten Signature]*  
 Director  
 Indian Bureau of Mines  
 New Delhi

- (d) Particulars of existing or created dumps of ore, if any :
- (xii) Means by which the mineral is to be raised, by : hand labour or mechanical or electrical power. : The mineral is being raised by mechanical means by using both Mechanical and Electrical power.
- (xiii) Manner in which the mineral raised is to be utilized. :
- (a) For manufacture in India : Yes
- (b) For exports to foreign countries : Yes
- (c) In the former case the industries in connection with which it is required, should be specified. In the latter case, the countries to which the mineral is to be exported after processing or in raw form Should be stated. : (a) For Domestic use :  
 1. For supply of iron-ore Lump and fines to Visakhapatnam Steel Plant, Essar Steel, KIOCL, JSW etc. for the production of steel.  
 2. For supply of iron-ore in the form of Calibrated Lump Ore to the Sponge Iron Plants in the States of Chhattisgarh, Andhra Pradesh and Maharashtra etc. for the production of Sponge Iron.  
 (b) For Export: (Lump Ore and Iron- Ore Fines)  
 To countries like-Japan, South Korea, China, etc. through MMTC.
- (xiv) Details of output during the last three years and phased programme for production during the next three years along with a layout plan for development, if any: :

  
 General Manager  
 NMDC Limited  
 BHOJ, Kirandul Complex

(a)	Actual Production	: Year	Production (Lump+Fines)
		2010-11	35.29 Lakh W.M.T.
		2011-12	43.71 Lakh W.M.T.
(b)	Planned Production	: Year	Production (Lump+Fines)
		2013-14	50.00 Lakh W.M.T.
		2014-15	50.00 Lakh W.M.T.
		2015-16	50.00 Lakh W.M.T.

(xv) In case of coal details of existing railway transport facility available and additional transport facility if any required. : Not applicable

(xvi) Any other particulars which the applicant wishes to furnish. : The renewal of Mining Lease for Deposit -14 Mining Lease area is sought for :

- 1) : Supply of raw material for domestic and other units.
  - (a) : Deposit-14 Mining Lease area supplies the Iron-ore Lumps and fines for the production of Steel by Visakhapatnam Steel Plant as this Steel Plant is fully dependent upon NMDC's iron-ore mines in Bailadila region for its iron-ore requirements since it does not have its own captive mines. The Iron Ore produced will also be supplied to M/s Essar Steel, KIOCL Ltd, JSW Steel etc.
  - (b) : High grade, calibrated lump ore produced from the Bailadila-14 Mining Lease area is catering to the requirement of Sponge Iron Plants in the States of Chhattisgarh, Andhra Pradesh, Maharashtra etc. for the production of sponge iron.
  - (c) : Iron ore produced will also partly be utilized by NMDC's proposed Steel Plant at Jagdalpur (C.G.)
- 2) Earning of valuable foreign exchange through Export : : Iron ore Lump and Fines produced from Bailadila-14 mining lease area are also being exported to foreign countries like Japan, South Korea, through MMTC, thus earning valuable foreign exchange for the country.

  
 Anil Kumar  
 General Manager  
 NMDC Limited  
 Bailadila Region

Copy of the Power of Attorney (Annexure-X).

E-Challan for meeting preliminary expenses for lease renewal (Annexure-XI),

Copy of the Forest Clearance application submitted to PCCF, Raipur (Annexure-XII),

Notification issued by MOEF regarding non requirement of fresh environment clearance at the time of renewal of Mining Lease (Annexure-XIII),

Latest environment clearance from MOEF (Annexure-XIV),

Map Showing reserve Forest Compartments on 1:3960 Scale (Annexure-XV) are enclosed.

We do hereby declare that the particulars furnished above are correct and are ready to furnish any other details, including accurate plans as required by you before the grant of renewal of the lease.

Place: Kirandul

Date:

Yours faithfully,



Signature and Designation

of the Applicant


General Manager

MMDCL Limited

BOM, Kirandul

LIST OF ANNEXURES

Annexure No.	Annexure Details
I	Receipt of payment of application fee for renewal of lease vide E-Challan No 66120813000160 dated 30.08.2012 for Rs. 2,500/-
II	Copy of the certificate of registration of Company.
III	Copy of No Dues Certificate (NOC) issued by the Mining Officer, Dantewada.
IV	Affidavit regarding upto date filing of Income Tax.
V	Copy of the First renewal granted by Govt. of Chhattisgarh, vide letter no. 3-125/94/12/2, dated 28.06.2002
VI	Lease Plan showing the area applied (A B C D) for renewal of Mining Lease on 1:50,000 scale.
VII	Copy of the Challan No. 23, dated 28.12.2012 for payment of Surface Rent for the year ending 31.12.2013 for Dep-14 M.L. area.
VIII	Affidavit regarding sanctioned Mining Leases, etc. in different States of India, held by NMDC.
IX	Copy of the Submission letter dated 02.09.2012 duly received by IBM Nagpur for Mining Plan approval.
X	Copy of the Power of Attorney for submitting applications for renewal of Mining Lease.
XI	Receipt of preliminary expenses for lease renewal under rule 22(3)(ii) of MCR, 1960 vide E-Challan No 66128813009263 dated 30.08.2013 for Rs. 1,000/-
XII	Copy of the Forest clearance application submitted to PCCF, Raipur dated 21.02.2013
XIII	Copy of the Notification issued by MOEF regarding non requirement of fresh environment clearance at the time of renewal of Mining lease.
XIV	Copy of the latest Environment Clearance issued by MOEF dated 18.06.1999.
XV	Map Showing Reserve Forest Compartments on 1:3960 Scale.

  
 General Manager  
 NMDC Limited  
 P.O.M. Nirandul Complex

Annexure - I

e-Challan



**Government of Chhattisgarh**

**Acknowledgment For On Line Tax Payment**

Department Name : Mineral Resources (12)

SBI Reference No : 0033533401

Name of Tax Payer : NMDC Ltd

Treasury Reference No : 56420915000001

Address : HRDM, Korandul, Korandul, Chausenra, Chhattisgarh, 494556

Email ID : rhhansa@pmoel.com

TIN/Registration No/License No/Gstite No : -  
(As per requirement)

Amount : Rs. 2500.00, In Words : Two Thousand And Five Hundred Rupees Only

Purpose : lease renewal application for

Head of A/c :

Major Head Code - 0833

Submajor Head Code - 00

Minor Head Code - 102

Sub Head Code - 0237

Assessment Year / Period : From Period : SEP 2013 To Period :-

Payment to A/c of : MINING DEPT, BILASHIBITH SANJAR DANTEWADA, DANTEWADA

Date of Transaction : 10-Sep-2013

CIN No - 836601

Time of Transaction : 01:33:34 PM

**Caution :** Transactions after 16:00:00 hours on weekdays and 13:00:00 hours on Saturday will be taken on the next working day. Please refer to FAQ No.7 for details.



N M D C Ltd. Mining Plan, Dep. - 14 MZ ML, 322-368 Ha, 2015-35  
**ANNEXURE 1.15 : CERTIFICATE OF REGISTRATION**

**भारत सरकार-कॉर्पोरेट कार्य मंत्रालय**  
**कम्पनी रजिस्ट्रार कार्यालय, आंध्र प्रदेश**

**नाम परिवर्तन के पश्चात नया निगमन प्रमाण-पत्र**

कॉर्पोरेट पहचान संख्या - L13100AP195030001674

पैरस: NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED

के सम्बन्ध में, मैं स्वयंसेवा सत्यापित करता हूँ कि निम्न  
NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED

जो मूल रूप में दिनांक पंद्रह नवम्बर उन्नीस सौ शताब्द को कम्पनी अधिनियम, 1956 (1956 का 1) के अंतर्गत पैरस  
NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED

के रूप में विद्यमान हो गई थी, ने कम्पनी अधिनियम, 1956 की धारा 21 के तर्कों के अनुसार विद्यमान विधिवत पारित कएले उमा  
विधिक रूप में एक सुविधित करके जी उले नवंबर का अनुमोदन, कम्पनी अधिनियम, 1956 की धारा 21 के साथ किया, भारत सरकार, कम्पनी कार्य  
विभाग, पूर्व विस्को को अधिनियम नं. गा. क. नि. 507 (अ) दिनांक 24.09.1999 एम.आर.एन. A22211502 दिनांक 17/09/2007 के द्वारा  
प्रदा हो गया है, उक्त कम्पनी का नाम आज परिवर्तित रूप में पैरस  
NMDCL LIMITED

हो गया है और यह प्रमाण-पत्र, कम्पनी अधिनियम की धारा 23(1) को अनुसरण में जारी किया जाता है।

यह प्रमाण-पत्र, मेरे अस्तित्व द्वारा वैधतापूर्वक में आम दिनांक सत्रह दिनांक दो हजार सात को जारी किया जाता है।

**GOVERNMENT OF INDIA - MINISTRY OF CORPORATE AFFAIRS**  
**Registrar of Companies, Andhra Pradesh**

**Fresh Certificate of Incorporation Consequent upon Change of Name**

Corporate Identity Number - L13100AP195030001674

In the matter of M/s NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED

I hereby certify that NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED which was originally incorporated on Fifteenth day of November Nineteen Hundred Fifty Eight under the Companies Act, 1956 (No. 1 of 1956) as NATIONAL MINERAL DEVELOPMENT CORPORATION LIMITED having duly passed the necessary resolution in terms of Section 21 of the Companies Act, 1956 and the approval of the Central Government signified in writing having been expressed thereto under Section 21 of the Companies Act, 1956, read with Government of India, Department of Company Affairs, New Delhi, Notification No. U.S.R. 507 (E) dated 24/09/1999 vide SFR/ A22211502 dated 17/09/2007 the name of the said company is this day changed to NMDCL LIMITED and this Certificate is issued pursuant to Section 23(1) of the said Act.

Given under my hand at Hyderabad this Seventeenth day of September Two Thousand Seven.



(SHASHI KAL DARA)  
कम्पनी रजिस्ट्रार / Registrar of Companies  
आंध्र प्रदेश  
Andhra Pradesh

(देखिए नियम 9(3))

अदेय (नो-ड्यूज प्रमाण-पत्र)

जायी करने वाला कार्यालय जिला कार्यालय (अनिज शाखा) दक्षिण बस्तर दंतेश्वर (छ.ग.)

क्रमांक.....2092.....जिला दक्षिण बस्तर दंतेश्वर (छ.ग.)

दिनांक.....06/02/13

यह प्रमाणित किया जाता है कि जिला दक्षिण बस्तर दंतेश्वर (छ.ग.) में नीचे बताये गये उत्पादन पट्टे/ऊनक पट्टे श्री/सश्री एच.एम.डी.सी. किरन्दुल को द्वारा धारित है :-

शाम	सहस्रील	अनिज	क्षेत्रफल हेक्टेयर में	कुल देय धन का विभाजन (रुपयों में)				कालावधि
				सरफेट रेंट	अनिवार्य भाटक	स्वामित्व (रायल्टी)	अन्य	
1	2	3	4	5	6	7	8	9
किरन्दुल डिपा.नं. 11 एम.एल	कुआकोण्डा	लौह अयस्क	322.368	-	-	-	12.9.95 से 11.9.15	
किरन्दुल डिपा.नं. 14 एम.एल	कुआकोण्डा	लौह अयस्क	506.742	-	-	-	7.2.95 से 6.12.15	
किरन्दुल डिपा.नं. 14 एन.एम.जेड.	कुआकोण्डा	लौह अयस्क	874.968	-	-	-	13.9.97 से 12.9.17	
किरन्दुल डिपा.नं. 14 प्लोट ओर	कुआकोण्डा	लौह अयस्क	30.8713	-	-	-	12.9.1967 से 30/09/13	

कालावधि के दौरान भुगतान की गई धनराशि रूपयों में

सरफेट रेंट	अनिवार्य भाटक	स्वामित्व (रायल्टी)	अन्य	योग
1	2	3	4	5

टीप :- भविष्य में यदि उपरोक्त स्वीकृत अनिपट्ट से संबंधित किसी प्रकार का बकाया निकलता है तो जमा करना होगा ।

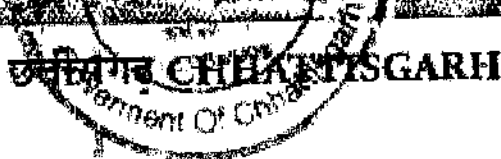
2- यह अंतरिम कौर्ड अनिज कक्षाया प्रमाण पत्र सिर्फ नवकरण आवेदन के लिये ही उपयोग में लाई जाये ।

बकाया धन देय :-

- 1-
- 2-
- 3-

- (1) यदि किसी वर्ष में निर्धारण नहीं हुआ है तो उसको कारण को स्पष्ट रूप से दर्शाना चाहिए ।
- (2) यह दर्शाना चाहिए कि क्या इस पट्टे के संबंध में कोई कुरी अथवा आर.आर.सी. संबंधित है ।
- (3) यह जारी करने की तारीख से केवल छ माह के लिए विधेय है ।

अनि अधिकारी  
दक्षिण बस्तर दंतेश्वर



G 075203

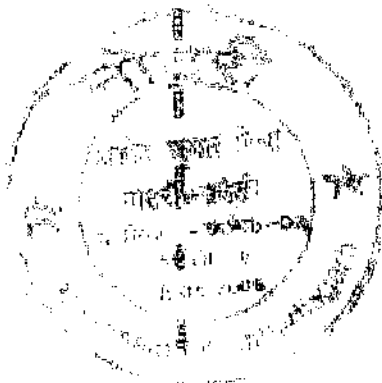
### AFFIDAVIT

I, P.K. Satpathy, S/o Late Shri Krutilbas Satpathy, General Manager, NMDC Ltd., BIOM, Kirandul Complex, Kirandul, Dist.- South Bastar Dantewada (Chhattisgarh), aged 53 Yrs, residing at Kirandul do hereby solemnly affirm and state as under:

That M/s NMDC Limited, Castle Hills, Masab Tank, Hyderabad, PAN No. AAACN7325A has been paying the due tax and filing the tax returns centrally filing at Corporate Office situated at Hyderabad from time to time, as per the provisions of Income Tax Act 1961.

*(Handwritten Signature)*

(P.K.Satpathy)  
General Manager  
BIOM, Kirandul Complex



*(Handwritten Signature)*

SWORN before me on 8/7/13  
by P.K. Satpathy who has been  
identified by ...  
of who is personally known to me  
when signature is here to append  
8/7/13  
ASHOK KUMAR MISHRA  
NOTARY - BACHELI  
Tah. Distt Dantewada (C.G.)





53

फॉर्म - एम.पी.टी.सी. 7 (सहायक निगम 00 वर्क)

देवारी / राब देवारी / बटार / विवरण बैंक जॉब इम्प्लिकेशन नोटिफिकेशन में जमा की गई राशि का गारान्टी

मॉड - दिसंबर 2012

जमा करने वाले द्वारा धरा जाने के लिए

विभागीय अधिकारी या देवारी अधिकारी द्वारा भरे जाने के लिए

जमा करने वाले का नाम	जिसकी ओर से रुपये जमा किए गए (नाम)	जमा की गई राशि का पूर्ण विवरण तथा/अथवा अधिकारी (यदि कोई हो तो)	राशि (रुपयों में)	सेवा शीर्षक	सेवाधिकारी
बीआईसीएम, विष्णुल कॉम्प्लेक्स, जिला - लखीमपुर, उत्तराखण्ड		1. Surface Rent payable for the year 2013 Dep. 14 M.L Dep. 14 N&Z Dep. 14 Float Ore Road to Dep. 14 (F.O.) Dep. 11 M.L.	822=00 1122=00 1570=00 30=00 3320=00 <b>6664=00</b>		अधिकारी - प्रदीप शर्मा, जवान और अन्य वर्क मक - 000 - 0000 पाणिपत 1977 - 0000 अधिकारी के पदविवरण - लखनऊ एम रामनाथ करणों सहित 0229 - विधिक प्राधिकार
		2. Dead Rent payable for year 2013 Dep. 14 (F.O.) 317 79 Hect Rs. 1000/Hect per year	317790=00		
		3. Application fees for continuation of ML for the year 2013 Dep. 14 (F.O.) ML	200=00		
		<b>Grand Total (1+2+3)</b>	<b>324854=00</b>		

रुपयों (शब्दों में) Rs. Three Lakhs Twenty Four Thousand Eight Hundred and Fifty Four only.

केवल विभागीय अधिकारी या देवारी अधिकारी द्वारा बैंक के माध्यम से जमा की गई राशि के विवरण में उपयोग के लिए ।

(शब्दों में) Three Lakhs Twenty Four Thousand Eight Hundred and Fifty Four only. (को राशि प्राप्त राशि) ।

राज्याधी

सेवायाल

दिनांक

राज्याधी अधिकारी / एजेन्ट  
सहायक महाप्रबन्धक (मु-विष्णुल)

टिप्पणी - 1. खजाने में जमा करने पर 500.00 रुपये से कम राशि की मांगती पर राज्याधिकारी के तैयारी आवश्यक नहीं है।  
राज्याधी द्वारा जारी किए गए सविस्तर टिकटों के लिए जमा की गई राशि या बैंक द्वारा राशि के मांगती पर एम पी टी सी में जमा करने के लिए आवश्यक है।  
2. जमा की गई राशि का विवरण नीचे दीजिए ।  
3. जहां सीधे बैंक में राशि जमा करने की सुविधा है, वहां सेव्याधी के द्वारा जारी किए गए सविस्तर टिकटों के माध्यम से जमा करने के लिए आवश्यक है।  
जिसके अंतर्गत बैंक की दैनिक मांगती प्राप्त होने पर भरेगी ।

**K.S. MANIARANA**  
Asst. General Manager (Mn)  
B.I.G.M. Kirandul Complex  
Kirandul-40-505 Dist. S.P. Bawana (D.O.)  
B.I.G.M. Kirandul Complex

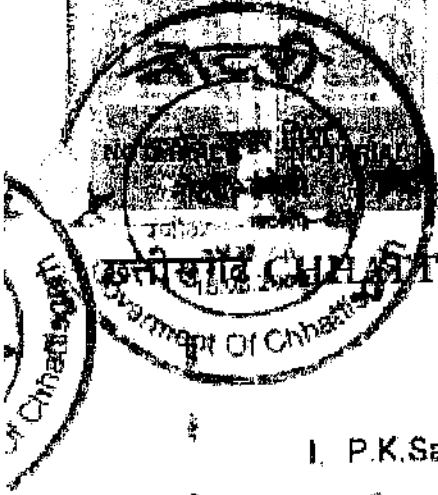
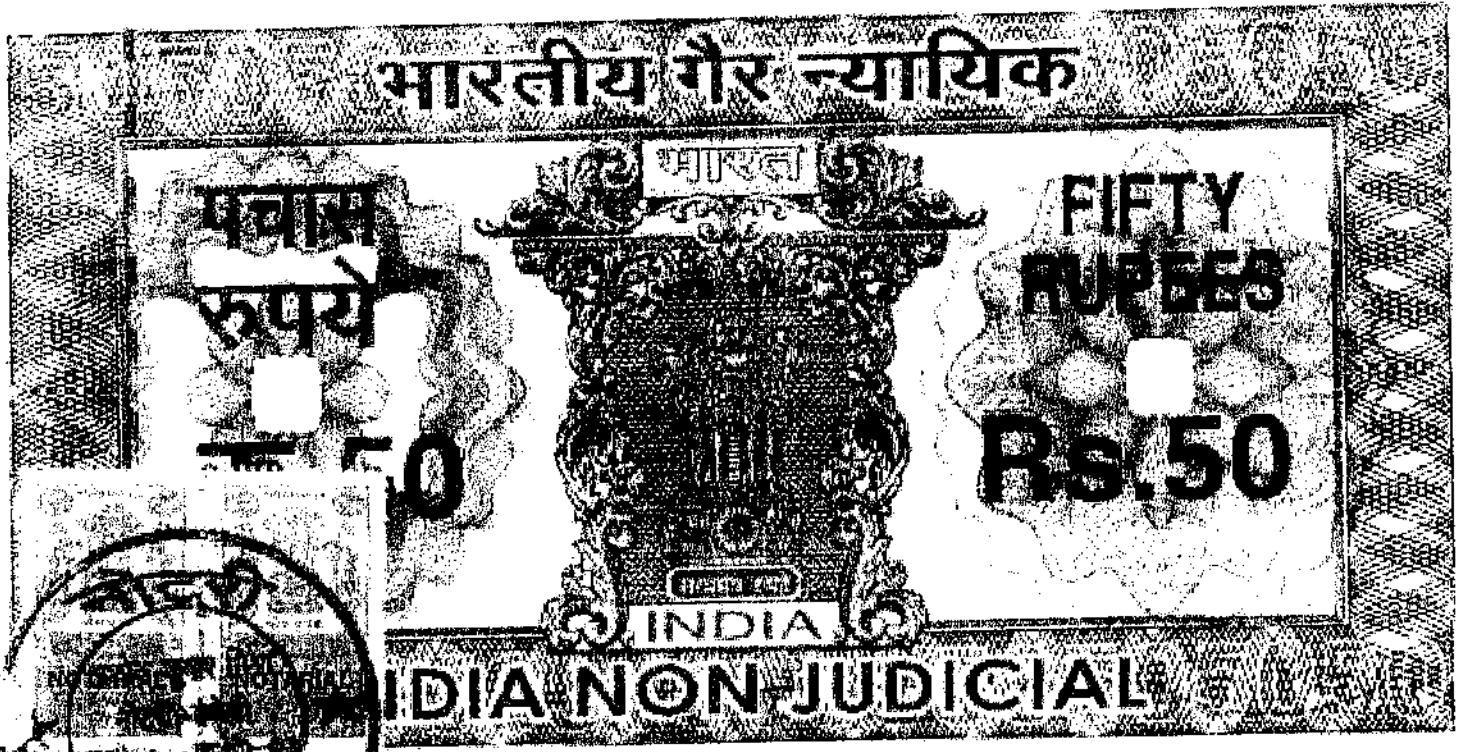
धौर

राशि

सिमाके

नोट (विवरण सहित)  
चेक (विवरण सहित)  
योग

Stamp: B.I.G.M. Kirandul Complex  
CHALLAN NO. 2830  
Signature



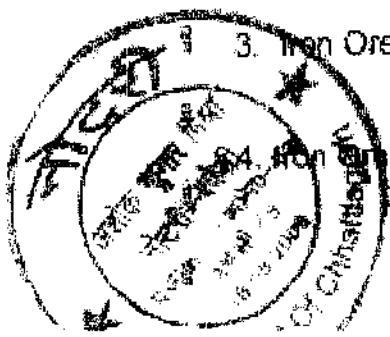
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**SWORN AFFIDAVIT**

I, P.K.Satpathy, S/o Late Shri Krutibas Satpathy, General Manager (B.I.O.M., Kirandul Complex), NMDC Ltd, Hyderabad, Aged 53 years, residing at Kirandul do hereby solemnly affirm and state as under:

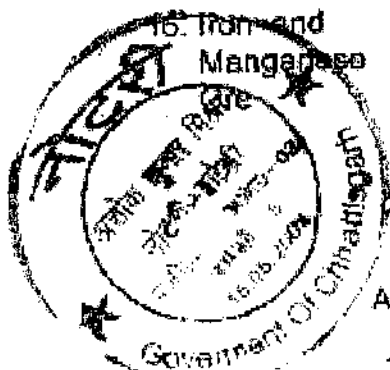
The NMDC Ltd has been granted / applied for following Mining Leases in different States of India:

Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
<b>A. Mining Leases granted-</b>					
1.	Iron Ore	Bailadila Dep.14	Dantewada Chhattisgarh	322.368	Renewed upto 11.09.2015
2.	Iron Ore	Bailadila Deposit-14 (Non Mineralized)	Dantewada Chhattisgarh	506.742	Renewed upto 06.12.2015
3.	Iron Ore	Bailadila Dep.5	Dantewada Chhattisgarh	540.05	Renewed upto 10.09.2015
		Bailadila Dep.10	Dantewada Chhattisgarh	309.34	Renewed upto 11.09.2015



ASHOK KUMAR MISHRA  
 29/11/15  
*(Signature)*

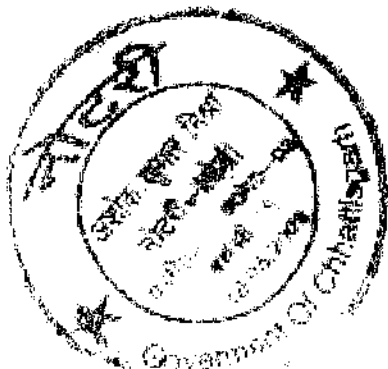
Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
5.	Iron Ore	Bailadila Dep. 10 (Float)	Dantewada Chhattisgarh	142.59	Renewed upto 10.9.2015
6.	Iron Ore	Bailadila Dep.11	Dantewada Chhattisgarh	874.924	Renewed upto 12.09.2017
7.	Iron Ore	Donimalal	Bellary Karnataka	608.00	ML valid upto 3.11.2008
8.	Iron Ore	Kumaraswamy	Bellary Karnataka	647.50	Renewal granted on 04.04.2005
<b>B. Mining Leases applied but not granted:</b>					
9.	Iron Ore	Bld. Dep-4	Dantewada Chhattisgarh	646.60 ha.	Forest clearance awaited
10.	Iron Ore	Bailadila Dep-13	Dantewada Chhattisgarh	631.34 ha.	ML applied on 28.10.1994.
11.	Iron Ore	Ramandurg	Bellary Karnataka	1595.00ha	Fresh ML submitted on 16.4.2003
12.	Iron Ore	Subbarayanahalli	Bellary Karnataka	195.00	ML applied on 16.4.2003
13.	Iron Ore	Garjantoli	Keonjhar Orissa	922.00	ML application submitted 18.01.1997. Forest clearance awaited.
14.	Iron and Manganese	Budhaburu	W. Singhbhum Jharkhand	125.00	M.L. Application submitted on 04.03.05
15.	Iron and Manganese Ore	Jhilingburu	W. Singhbhum Jharkhand	520 acres	M.L. Application submitted on 04.03.05
16.	Iron and Manganese	Mouza Ankus RF	W. Singhbhum Jharkhand	1506 acres	M.L. Application submitted on 04.03.05



ASHOK KUMAR MISHRA  
NOTARY - BACHELOR  
Tah. Distt. Dantewada (C.G.)

*(Handwritten signature and date)*  
27/10/19

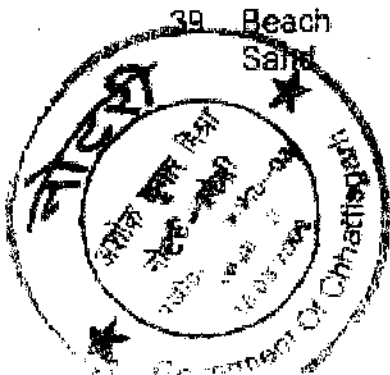
Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
17.	Iron Ore	Ghatkuri	W.Singhbhum Jharkhand	2233.70 ha	ML application submitted on 18.04.2007
18.	Iron Ore	Sasangada NE Block	W.Singhbhum Jharkhand	15.48 ha	ML application submitted 21.05.2007
19.	Iron Ore	Badajamda-Kankura	W.Singhbhum Jharkhand	106.23 ha	ML application submitted on 21.05.2007
20.	Iron Ore	Meghahatuburu	W.Singhbhum Jharkhand	106.23 ha	ML application submitted on 21.05.2007
21.	Iron Ore	Kudre KaniveKaval	Chitradurga Karnataka	1256.00 acres	ML application submitted on 10-07-2007
22.	Iron Ore & Manganese	Lakkihalli	Chitrdurga Karnataka	134.00 acres	ML application submitted on 10-07-2007
23.	Iron Ore	Jaisingpur	Bellary Karnataka	220.00 acres	ML application submitted on 10-07-2007
24.	Iron Ore & Manganese	Bhavihalli	Bellary Karnataka	35.00 acres	ML application submitted on 10-07-2007
25.	iron Ore & Manganese	Narayanapura	Bellary Karnataka	377.00 acres	ML application submitted on 10-07-2007
26.	Iron Ore	Vyasanakere & Hanumanahalli	Bellary Karnataka	330.00 acres	ML application submitted on 10-07-2007
27.	Iron Ore & Red oxide	Bhavihalli	Bellary Karnataka	320.00 acres	ML application submitted on 10-07-2007
28.	Iron Ore & Red oxide	Kakubal	Bellary Karnataka	521.38 acres	ML application submitted on 10-07-2007



*Mishra*

ASHOK KUMAR MISHRA  
NOTARY - BACHELOR  
Teh. Dist. Dantewada (C.G.)

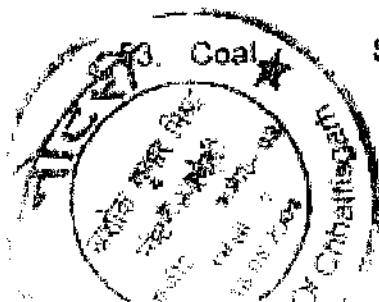
Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
29.	Manganese Manganese-Dioxide, Iron Ore, Lime Stone & Dolomite	Sy.No.278 of Kenkere	Tumkur Karnataka	521.38 acres	ML application submitted on 10-07-2007
30.	Iron Ore	Ramthal & Aihole	Bhagalkot Karnataka	275.00 acres	ML application submitted on 10-07-2007
31.	Iron ore ( Magnetite)	Bababudangiri	Chikmagalur Karnataka	8412	ML application submitted on 23.01.2008
32.	Limestone	Arki	Solan, Himachal Pradesh	238.20	ML valid upto 06.08.2011
33.	Limestone	Chawandla	Nagaur, Rajasthan	335.30	ML valid upto 01.07.2011
34.	Magnesite	Panthal	Udhampur, J & K	485.30	ML valid upto 01.01.2009
35.	Diamond	Majhgawan	Panna, M.P.	113.33	Applied for renewal on 14.07.2003
36.	Diamond	Hinota and adj. area	Panna, M.P.	450.235	Renewal application submitted on 26.6.89
37.	Silica Sand	Basahi-Gidar Lalapur,U.P.	Allehabad, U.P.	33.58 ha	Renewal application submitted on 13.12.2005
38.	Beach Sand	Kalingapatnam (Ampalam-Koduru in Polaki and Santabommali)	Srikakulam A.P.	660.00	M.L.Application submitted on 17.7.2000.
39.	Beach Sand	Bhavanapadu (Kothapeta-Hukumpeta in Vajrapukothuru)	Srikakulam A.P.	728.50	M.L. Application submitted on 21.6.2000.



*Handwritten signature*

ASHOK KUMAR MISHRA  
NOTARY PUBLIC  
Tah. Distt Dantewada (C.G.)

Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
40.	Gold	Pahardia-Rungikocha	W. Singhbhum Jharkhand	454.04	ML Application submitted on 20.12.2006.
41.	Gold	Parasi-Kutachauli	Ranchi Jharkhand	602.17	ML Application submitted on 21.12.2006.
42.	Diamond	Anumpalli	Anantapur A.P.	155.00	ML Application submitted on 17.07.2006.
43.	Diamond	Venkatampalli A.P.	Anantapur	112.00	ML Application submitted on 27.07.2006.
44.	Diamond	Timmasamudram	Anantapur A.P.	481.00	ML application submitted on 11.12.2006
45.	Diamond	Wajrakerur	Anantapur A.P.	113.75	ML application submitted on 09.07.2007.
46.	Bauxite	Utani, Putrang & Akasi	Gumla Jharkhand	92.00	ML application submitted on 17.03.2008
47.	Bauxite	Kujam	Gumla Jharkhand	82.00	ML application submitted on 17.03.2008
48.	Bauxite	Mahuadih	Gumla Jharkhand	64.00	ML application submitted on 17.03.2008
49.	Bauxite	Kujam & Chirodih	Gumla Jharkhand	89.00	ML application submitted on 17.03.2008
50.	Bauxite	Kothi	Gumla Jharkhand	99.00	ML application submitted on 17.03.2008
51.	Dolomite	Sadartera	Bestar Chhattisgarh	525.9	ML application submitted on 26.03.2009
52.	Iron Ore	Subrayanahalli	Bellary Kamataka	42.51	ML application submitted on 22.09.2009
53.	Coal	Shahpur East	Shahdol M.P.	693.00	ML application submitted on 14.12.2009



*Ashok Kumar Mishra*

ASHOK KUMAR MISHRA  
NOTARY - BACHELI

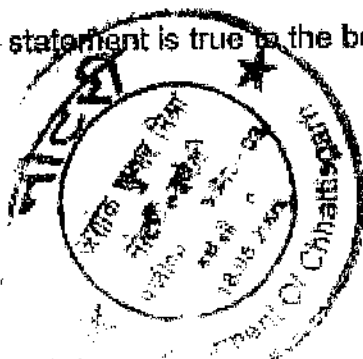
20/12/09

Sl. No.	Mineral	Name of the Deposit	District & State	Area in Hectares	Remarks
54.	Coal	Shahpur West	Shahdol M.P.	587.50	ML application submitted on 14.12.2009
55.	Sapphire	Paddar	Kishtwar J & K	1522.00	ML application submitted on 26.12.2009
56.	Iron Ore	Ramandurg & Susheel Nagar Range	Bellary, Karnataka	334.00	ML application submitted on 19.11.2010
57.	Iron Ore	SE of Donimalai ML no. 2396	Bellary, Karnataka	42.054	ML application submitted on 30.12.2010
58.	Iron Ore	East of Donimalai ML no. 2396	Bellary, Karnataka	121.753	ML application submitted on 30.12.2010
59.	Iron Ore	South of Donimalai ML no. 2396	Bellary, Karnataka	18.223	ML application submitted on 30.12.2010
60.	Iron Ore	Kodihalli village ML no. 2396	Bellary, Karnataka	12.54	ML application submitted on 27.01.2011
61.	Iron Ore	Kodihalli, Janohar & other villages	Bellary, Karnataka	200.319	ML application submitted on 01.02.2011
62.	Iron Ore	Hanumanthanahalli & Harogondanahalli villages	Bellary, Karnataka	43.706	ML application submitted on 01.02.2011

D. Being applied for simultaneously. - NIL-

In case of above mining leases in the different States, there are no mineral dues from NMDC Ltd., to concerned State Governments under Mineral concession Rules, 1960.

The above statement is true to the best of my knowledge and belief.



*(Handwritten Signature)*

(P.K.Satpathy)  
General Manager  
NMDC Ltd.,  
BIOM, Kirandul Complex

Place : Kirandul

Date : 08-09-2013

SWORN before me on 08/09/2013 by P.K. Satpathy who has been identified by Ravi Kumar Mishra of who is personally known to me whose signature is here appended

ASHOK KUMAR MISHRA  
NOTARY SACHELI

एन एम डी सी लिमिटेड

NMDC Limited

(भारत सरकार का एक उद्यम एवं आई. एस्. ओ. 9001:2000 एवं आई. एस. ओ. 14001:2004 प्रमाणित कंपनी)  
(A Government of India Enterprise) (An ISO-9001:2000 & ISO-14001:2004 Certified Company)



बैलादिला आयरन ओर माइन, किरन्दुल काम्प्लेक्स

किरन्दुल - 494556, बैलादिला क्षेत्र दन्तेवाड़ा (छत्तीसगढ़) - KIRANADUL - 494556, DIST - SOUTH BASTAR DANTEWADA (C.G.) INDIA  
फोन - 09451-0844, 09451-0845; फैक्स - 09451-0844; ईमेल - EML: 07857-233226, 255227

KDL.CPLX/G&MP/MP/2012

Dated: 02-09-2012

To  
Regional Controller of Mines(NR),  
Indian Bureau of Mines,  
6<sup>th</sup> Floor, "D" Block, Indira Bhavan,  
Civil Lines, Nagpur- 440 001

Sub.: Submission of draft copies of the Mining Plan under Rule 22 of Mineral Concession Rules 1960 for Deposit-14 Mineralized Zone Mining Lease (Area : 322.368 Hect., Period : 2015-16 to 2034-35) of M/s NMDC Ltd, Dist.-South Bastar Dantewada, Chhattisgarh, required for getting necessary MoEF clearances and for renewal of Mining Lease which is due to expire on 11-09-2015.

Sir,

We are a Central Public Sector Company, India's single largest producer and exporter of iron ore, producing about 30 million tonnes of iron ore per year. Since 1958, we have contributed significantly to the national exchequer in addition to the development and exploration in the mineral sector (iron, diamond, gold, silica etc.). In recognition to the company's growing status and consistent excellent performance, the company has been categorized by the Department of Public Enterprises as "NAVRATNA" Public Sector Enterprise in 2008.

We have been operating several Mining Leases in Bailadila Sector viz. Dep.-14MZ, Dep.14NMZ, Dep.-11, Dep.-5, Dep.-10 etc.

Of above, the Dep.-14 Mineralized Zone Mining Lease has been granted for period 12-09-1995 to 11-09-2015. We require the Mining Lease to be renewed from State Government before 11-09-2015 for continuing of mining activities. Approved Mining Plan is necessary for getting various statutory clearances which are pre-requisite for renewal of the Mining Lease.

RECEIVED  
Mines  
Office

Following may also be noted:

1. Mining Lease renewal application is to be filed with Government of Chhattisgarh along with the approved Mining Plan, one year before expiry of the ML i.e. before 11-09-2014. [Please refer Para 2(XC) of FORM J under Mineral Concession Rules 1960]
2. The Mining Lease area completely falls within Bailadila Reserved Forest. Hence Forest Clearance from Ministry of Environment & Forest is pre-requisite for renewal of the Mining Lease. Approved Mining Plan is required two years before the lease expiry i.e. before 11-09-2013 along with the application being made for Forest Clearance. [Please refer Para 1 of Instructions in Form B under Rule 6 of Forest Conservation Rules 2003]
3. Before lease expiry i.e. 11-09-2015, if we do not get all the statutory clearances (such as Forest Clearance, Environment Clearance, Wild Life Conservation Plan etc.), the Mining Lease shall not be renewed, leading to suspension of mining and all activities therein. The procedures are long-drawn and requirements are stringent. Approved Mining Plan is a pre-requisite in the whole process.

It is requested to accord approval to the Mining Plan. This shall enable us to obtain Forest Clearance etc for timely renewal of the Mining Lease.

Thanking You,

Yours faithfully,

  
(V K S Rathore)

EXECUTIVE DIRECTOR

**Encl:**

1. Processing Fee Rs. 4000/- vide DD No. 958160 dated 14-08-2012.
2. Two copies of Mining Plan (each comprising VOL I: Text & VOL II: Plates)



26 DEC 2012

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

No. 4375 Date 28/12/12 Rs. 100/-  
paid to K. Praveen Kumar  
for the use of K. Sula Krishna  
at the office of A.N.M.D.C. Ltd.

BA 142859  
JAWAD ALI KHAN  
LICENSED STAMP VENDOR  
LIC. No. 16-07-026/2012  
Shop No. 10, # 5-9-58, Gupta Estate  
East of Sec. 11, Hyderabad-01  
Call: 9731471278.

POWER OF ATTORNEY

WHEREAS NMDC Limited, a Government of India enterprise, incorporated under the Companies Act, 1956 and having its Registered office at Khanij Bhavan, Castle Hills, 10-3-311/A, Masab Tank, Hyderabad - 500 028 (herein after referred to as NMDC) has its Bailadila Iron Ore Mine, Klrandul Complex :

WHEREAS, in the course of its business, it is required to submit applications and obtain fresh grant and / or renewal of Prospecting Licence, Mining Lease and other Statutory Certificates as contemplated by the Laws in force.

//ATTESTED//

K. Anwaruddin Jabbal  
B.Sc., LL.B.

ADVOCATE & NOTARY  
Appointed by Govt. of A.P. INDIA  
G.O.M.S. No. 2747, Lt. No. NR/13337/2011  
H.No. 16-1-24/212, Saidabad Colony,  
HYDERABAD-500008



Entered Into Notarial Register on  
Sl. No. 10069 Date 4 FEB 2013

AND WHEREAS Shri P.K. Satpathy, General Manager, BIOM, Kirandul Complex has been heading Project of the said Iron Ore Mine.

NOW by these presents witnesseth that I, Subimal Bose, Director (Production) NMDC Ltd do hereby constitute, nominate and appoint Shri P.K. Satpathy as my true and lawful attorney in the name of NMDC and for and on behalf of NMDC to do, inter alia, the following acts, deeds and things in relation to the said Iron Ore Mine :

1. To sign and submit applications and other document / papers for fresh grant and / or renewal of Reconnaissance permits, Prospecting Licenses and Mining Leases or quarry leases and other Statutory Certificates / Clearances for and on behalf of NMDC ;
2. To enter into correspondence with the State Mining Licensing and other Leasing Authorities, Chattisgarh Environment Conservation Board, Ministry of Environment & Forest, Government of India, Chattisgarh State Electricity Board, Director General of Mines Safety and Indian Bureau of Mines and other authorities.
3. To negotiate, enter into, execute and sign all necessary documents, agreements, deeds, affidavits etc, with the Department of Forests, Chattisgarh Environment Conservation Board, Department of Mines and Geology, State Electricity Board and other authorities of Government of Chattisgarh including its undertakings.



(2)

- 4. For purposes aforesaid, to appoint such Surveyors, Engineers, Contractors, Advocates or any other persons, as may be necessary in that behalf upon such terms and conditions as he may think necessary.
- 5. To sign deeds, affidavits, documents and writings with such conditions as the said constituted Attorney may deem proper.
- 6. To do all other acts, deeds and things that may be necessary for complying with the requirements in furtherance of the above subject

IN WITNESS WHEREOF, I, Subimal Bose, Director (Production), NMDC Ltd have hereunto set and subscribed my hand and seal this the 4 FEB 2013 day of February 2013.

*[Signature]*  
 Director ( Production )  
 सुबिमल बोस  
 SUBIMAL BOSE  
 डायरेक्टर (उत्पादन)  
 DIRECTOR (PRODUCTION)  
 उपनिवेश रोड, हैदराबाद  
 NMDC Limited, Hyderabad

Witnesses :

- 1. *[Signature]*  
G. S. S. YADAV, GM (PC), NMDC
- 2. *[Signature]*  
SUBRAMANIAN M  
AGM (Exec), PC Dept., NMDC



!!ATTESTED!!  
*[Signature]*  
 K. Anwaruddin Qadri  
 K. Anwaruddin Qadri  
 B.Sc., LL.B.  
 ADVOCATE & NOTARY  
 Appointed by Govt. of A.P. INDIA  
 Q.O.M.S. No. 2747, Tr. No. HR/13507/2011  
 H.No. 15-1-24/2/2, Saidabad Colony,  
 HYDERABAD-500054.

Entered into Notarial Register on 4 FEB 2013  
 Bl. No. 2267 Dt. 4 FEB 2013

Challan



Government of Chhattisgarh

Acknowledgement For On Line Tax Payment

Department Name : Mineral Resources[12]

SBI Reference No. : 0K03993814

Name of Tax Payer : NMDC Ltd

Treasury Reference No : 060100010000007

Address : BHOA, Kimsal, Kirasol, Dantewada, Chhattisgarh, 494556.

Email ID : bhharad@gmail.com

TIN/Registration No./License No./State No. :  
[As per requirement]

Amount : Rs. 1000.00, In Words : One Thousand Rupees Only

Purpose : preliminary expenses for lease renewal

Head of Acct :

Major Head Code - 0853  
Submajor Head Code - 00  
Minor Head Code - 102  
Sub Head Code - 0217

Assessment Year / Period - From Period - SEP-2013- To Period -

Payment in Acc of : MINING OFFICER,SOUTH BASTAR DANTEWADA,DANTEWADA

Date of Transaction : 10-Sep-2013

CIN No : 838736

Time of Transaction : 01:57:03 PM

Caution : Transactions after 15:00:00 hours on weekdays and 13:00:00 hours on Saturday will be taken on the next working day. Please refer to FAQ No.7 for details.



In view of the above the following documents are prepared and submitted for obtaining forest clearance for your kind perusal and further needful action in this regard.

- 1) Dully filled in PART-1 of FORM-B as per rule.6 under section.2 of F.C. Act, 1980.
- 2) Authenticated Map (duly signed by DFO Dantewada) showing the required forest land (Mining Lease over 322.368Ha), boundary of adjoining forest on a 1:50000 scale.
- 3) The entire Mining lease falls in Bailadila Reserved forest land in Bachel forest range, Dantewada Forest Division. Hence, obtaining NOC from District Collector for involvement of revenue forest land is "Not Applicable".
- 4) A copy of Grant of Mining Lease (2<sup>nd</sup> Renewal) for Bailadila Iron Ore Project, Deposit-14 (322.368Ha) is enclosed for the period 1995 to 2015.
- 5) Multi City Cheque for an amount of Rs.6,041/- issued in favour of DFO, Dantewada is enclosed towards Registration fee (Cheque No:038958 dated 19/02/13). Copy of Multi City Cheque enclosed. Original Multi City Cheque submitted to DFO, Dantewada. Copy of receipt received from DFO, Dantewada is enclosed.
- 6) As the Mining Lease area is more than 250Ha of forest land and belongs to GOI Public Sector Enterprise, the applicable amount of Rs.1,15,345/- is paid in the form of Multi City Cheque issued in favour of DFO, Dantewada towards Processing Fee (Cheque No:038957 dated 19/02/13). Copy of Multi City Cheque enclosed. Original Multi City Cheque submitted to DFO, Dantewada. Copy of receipt received from DFO, Dantewada is enclosed.

The Forest clearance approval for renewal of Mining Lease for continuation of mining operations for production of iron ore to meet the requirement of various Steel / Sponge Iron industries is essentially required. About 1638 employees are directly employed and it is providing in-direct employment to many people. The project is directly contributed to State/Central exchequer to the tune of Rs.460.89cr during FY 2011-12.

We, there humbly request to kindly register the above proposal for processing of FC application for obtaining forest clearance for 322.368 Ha forest land for 2<sup>nd</sup> renewal of Bailadila Iron Ore Mine, Deposit-14 Kirandul.

Thanking you

Yours faithfully

P.K.Satpathy  
General Manager  
BIOM, Kirandul complex

Encl: a/a



## MINISTRY OF ENVIRONMENT AND FORESTS

## NOTIFICATION

New Delhi, the 13th March, 2013

S.O. 874(E).—In exercise of the powers conferred by sub-section (1) and clause (v) of sub-section 2 of Section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) of rule (5) of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendment to the notification of the Government of India, in the Ministry of Environment and Forests number S.O. 1513(E), dated 14th September, 2006 after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of the said rule 5 in public interest, namely :—

In the said notification, in the Schedule, under the heading 'Project or Activity' in item 1(a) in column (5), under note (i) the following provision shall be inserted, namely :—“provided that no fresh environment clearance shall be required for a mining project or activity at the time of renewal of mining lease, which has already obtained environment clearance under this notification”

[No. E-1101/15/2012-IA-II(M)]

AJAY TYAGI, Jr. Secy.

Note :—The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide notification number S.O. 1513(E), dated the 14th September, 2006 and subsequently amended as follows :

1. S.O. 1737(E), dated the 11th October, 2007;
2. S.O. 3067(E), dated the 1st December, 2008;
3. S.O. 695(E), dated the 4th April, 2011; and
4. S.O. 2896(E), dated the 13th December, 2012

No. 41/97-FC  
Government of India  
Ministry of Environment & Forests  
F.C. Division

Parasuram Murugan,  
CGO Complex, Lodi Road,  
New Delhi - 110 003.

Dated 18<sup>th</sup> June, 1999

To  
The Secretary (Forests),  
Government of Madhya Pradesh,  
BILAPAL.

Sub: Renewal of mining lease over 322 368 ha. of forest land for Bailadila Iron Ore Project in Bastar district of Madhya Pradesh in favour of M/s NMDCL Ltd

SI

1. I am directed to refer to your letter No. F-5/95/95/1073 dt. 31.5.99 on the above mentioned subject seeking prior approval of the Central Government in accordance with Section 2 of the Forest (Conservation) Act, 1980 and to say that the proposal has been examined by the Advisory Committee constituted by the Central Government under Section 3 of the aforesaid Act

2. After careful consideration of the proposal of the State Government and on the basis of the recommendation of the above mentioned Advisory Committee, the Central Government hereby conveys its approval under Section-2 of the Forest (Conservation) Act, 1980 for renewal of mining lease over 322 368 ha. of forest land (86.55 ha. already broken up forest land + 44.22 ha. forest land for dumps + 43.84 ha. forest land for infrastructural facilities + 68.71 ha. already afforested area but to be retained on account of fragmentation + 79.848 ha. blank area + 20 afforested) for Bailadila Iron Ore Project in Bastar district in favour of M/s NMDCL Ltd subject to following conditions:

- (i) Legal status of forest land shall remain unchanged.
- (ii) Compensatory afforestation shall be carried out over 795 516 ha. of degraded forest land at project site → funds deposited in M.F. (Rs 40 crore) → 12 crore released. ex details not avail.
- (iii) Penal Compensatory afforestation will be carried out over 694.736 ha. of degraded forest land at project site.
- (iv) Entire land covered by mining lease should be kept free from encroachments and existing encroachments should be removed immediately. *complete*

416  
10/1

- (v) Mining activity will be restricted to broken up forest land only. The area under afforestation and the area to be afforested will not be used for any other purpose such as mining or infrastructure facilities, etc. in future.
- (vi) No felling of trees shall be done. - *Can be ascertained*
- (vii) Afforestation will be carried out over 79,048 ha. of blank area at the project cost. A detailed afforestation scheme of native tree species in this regard including phasing will be prepared in consultation with the State Forest Department and submitted to this Ministry within six months positively. A committee consisting of CF(Central), Regional Office, Bhopal, CF in the Normal Office of the State Govt. and CF(Territorial) shall monitor the progress of this condition.

The entire 147,758 ha. area (68,710 ha. already afforested and 79,048 ha. to be afforested) will be fenced at the cost of user agency and maintained as green area. - *to be sent*

- (viii) Fencing, protection and regeneration of the safety zone area will be done at the project cost. Besides this, afforestation over one and a half times of safety zone area in degraded area elsewhere will be done at the project cost. *Details to be given by F.D.*
- (ix) Demarcation of mining lease area will be done on the ground at project cost using four feet high reinforced cement concrete pillars with serial numbers, forward & back bearings and distance from pillar to pillar.
- (x) The user agency will make arrangement for free supply of fuelwood preferably alternate energy source to labourers and staff working on the project site so as to avoid any pressure on the adjacent forest areas. - *See supply*
- (xi) Reclamation of lease areas will be done concurrently in consultation with the State Forest Department at the cost of user agency. - *no reclamation done yet*
- (xii) The period of permission under the Forest (Conservation) Act, 1980 will be for 20 years co-terminus with lease under MMRD Act, 1957 and w.o.f. date of expiry of previous lease. - *Ex 2015*
- (xiii) The enclosed environmental safeguards will be strictly adhered to by the lessee. - *2.4*
- (xiv) The approval under the Forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986. - *EC no - date*

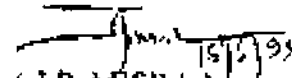
Any other condition that the State Govt or the Chief Conservator of Forests (Central), Regional Office, Bhopal may impose from time to time in the interest of afforestation and protection of forests

Yours faithfully,

( J. P. MISRA )  
Assistant Inspector General of Forests

Cop

- 1. Principal Chief Conservator of Forests, Government of Madhya Pradesh, Bhopal.
- 2. Joint Officer, Office of the Principal Chief Conservator of Forests, Government of Madhya Pradesh, Bhopal.
- 3. Chief Conservator of Forests (Central), Regional Office, Bhopal.
- 4. (HQ), New Delhi
- 5. General Manager, M/s. NMDC, Bailadila Iron Ore Project, Dep. No 14, Raipur-494556, Distt. Bastar, M.P.
- 6. cc'd file.

  
( J. P. MISRA )

Assistant Inspector General of Forests







**NMDC LIMITED**  
**BAILADILA IRON ORE MINES, KIRANDUL COMPLEX**  
 KIRANDUL — 494556, DANTEWADA (C.G.)  
 Corporate Identity Number: L13100AP1958GOI001674

**DEPOSIT 14 ML (322.368 Ha)**

**Existing and Proposed Land Use Pattern**

1. Bailadila Iron Ore Mine Kirandul Complex Deposit 14 ML extends over an area of 322.368 Ha. Forest Clearance was accorded for Deposit 14 ML vide letter F.No.8-41/97/FC dated 18/06/1999.
2. Since 18/06/1999, NMDC has been conducting mining operations at Bailadila Iron Ore Mine Deposit 14 ML as per the land use defined in the Forest Clearance letter.
3. A proposal for obtaining approval on the change in existing land use was submitted to Forest Department on 26/09/2017. The proposal is under consideration at C.G. State Government.
4. The following is submitted in support for the Change in Land Use proposal for Deposit 14 ML:
  - The mining reserves in Deposit-14 pit increased considerably and mineable reserves as on 1/4/18 are 365.62 Million tons (proved) upto 861m RL from earlier reserves of 144 MT (proved) at 1005m RL.
  - Core drilling exploration is under progress which might result in an increase in the quantity of mineable reserves.
  - Additionally, mineral reserves of 115 MT are blocked underneath the present crushing plant (CP) area (1137 MRL) and other infrastructure area. Hence, it is proposed to demolish the existing CP and construct a new CP at P plot area (1020m RL) along with downhill conveyor system and shifting of the infrastructure such as substation, workshop, new approach road, water pipeline, CSD store, check post, CISF barracks, watch towers, electrical pipeline.
  - Quantity of waste material to be mined will be 102 MT. To accommodate waste dump materials, new areas have been identified for dumping the same within M.L. area.
  - The life of mine with 10 MTPA capacity will be 37 years.
5. In order to have sustainable mining operations within M.L. area, the areas kept under afforestation are required for mining, waste dump and infrastructure. The current and the proposed Land Use pattern for Deposit 14 ML is given below:
6. Additional area of around 22.661 Ha. (at S.No 3 in the table) will be utilized in erecting structures viz. new crushing plant downhill conveyor system, substation, workshop, new approach road, water pipeline, CSD store, check post, CISF barracks, watch towers, electrical pipeline.

S. no	Particulars	Existing (Ha)	Proposed (Ha)
1	Area under Mining	86.550	206



NMDC LIMITED  
BAILADILA IRON ORE MINES, KIRANDUL COMPLEX

2	Area under waste dumps	44.220	46.000
3	Area for Infrastructural facilities	43.840	66.501
4	Area already afforested but retained on account of fragmentation	68.71	0
5	Blank area to be afforested (already completed)	79.048	0
6	Safety Zone	0	3.867
	<b>TOTAL</b>	<b>322.368</b>	<b>322.368</b>

The above Proposed Land Use plan has been approved by IBM (copy of approved mine plan and proposed land use is enclosed).

In view of the above, it is requested that the Forest Clearance for renewal of Mining lease may kindly be issued taking into consideration the already submitted Change in Land Use application.

Submitted for kind consideration please.

  
T.S. Cherian

Executive Director  
BIOM Kirandul Complex

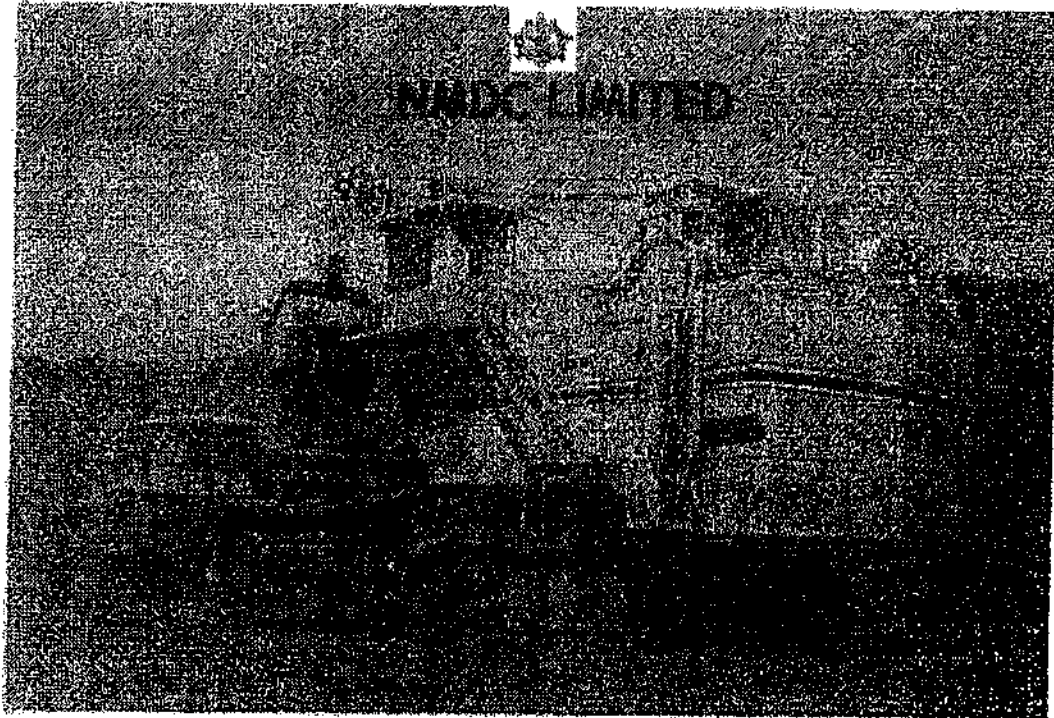
APPROVED

(01-04-2015 to 31-03-2020)

(Volume I: TEXT, P.M.C.P. & ANNEXURES)

# BAILADILA DEPOSIT 14 MINERALIZED ZONE MINING LEASE AREA 322.368 HECT.

COMPLETE AREA DIVERTED UNDER FOREST CONSERVATION ACT 1980,  
BROKEN FOREST AREA: 174.510 HECT & CHANGE IN LAND USE 147.758 HECT.  
(Complete Area Falls in Bailadila Reserve Forest, Govt. Ownership)



Name of Mine : Bailadila Iron Ore Mine, Kirandul Complex, Kirandul  
District : Dantewada, State : Chhattisgarh - 494556  
Applicant : N M D C Limited (a Central Public Sector Undertaking)

Present & Permanent Address of the Applicant  
Shri P K Satpathy, Director(Production) / Nominated Owner,  
N M D C LIMITED, 10-3-51 1/A, Castle Hills Masab Tank, Hyderabad-500 173  
Contact No - 040 23538706

APRIL 2015

PREPARED BY:

SHRI VINAYAK TIWARI,  
RQP/NGP/433/2012/A,  
(Valid upto 01-08-2022)  
DGM (G & MP)

SHRI S. S. PRASAD,  
RQP/NGP/344/2006/A,  
(Valid upto 02-07-2016)  
AGM (MINING)

# MODIFIED MINING PLAN

for

## BAILADILA DEPOSIT 14 MINERALIZED ZONE MINING LEASE AREA (322.368 HECTARE)

COMPLETE AREA DIVERTED UNDER FOREST CONSERVATION ACT, 1980,  
BROKEN FOREST AREA: 174.610 HECT & CHANGE IN LAND USE 147.758 HECT  
(Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)



Category of Mine: A (Fully Mechanized)

(Period: 01-04-2015 to 31-03-2020)

अनुमोदित  
APPROVED

[Submitted under Rule 22(6) of M.C.R. 1960]

VOLUME - 1 (TEXT, PMCP & ANNEXURES)

नख्खुन हिन

VIDE LATTER No. - 607/FC/MP/15 dated - 16-02-2015

Name of Mine: Bailadila Iron Ore Mine Kirandul Complex, Kirandul  
District: South Bastar Dantewada, State : Chhattisgarh - 494556  
Applicant: N M D C LIMITED (A Central Public Sector Undertaking)

Present & Permanent address of the applicant  
Shri P K Sainpathy, Director(Production) / Nominated Owner,  
N M D C LIMITED, 10-3-31/A, Castle Hills Masab Tank, Hyderabad-500 173  
Contact No. - 040 23537706

April, 2015

Prepared by

SHRI VINAYAK TIWARI,  
RQP/NGP/433/2012/A,  
(Valid upto 01-08-2022)  
DCM (G & NP)

SHRI S. S. PRASAD,  
RQP/NGP/344/2006/A,  
(Valid upto 02-07-2018)  
AGM (MINING)

Regional Controller of Mines (M. R.)  
भारतीय खनन विभाग  
Indian Bureau of Mines, Raipur

No backfilling of voids is proposed during next five years

Reclamation Plan is enclosed as Plate No. VIII-B.  
Sections showing reclamation is enclosed as Plate No. IX.

However, it is to mention that production is proposed @ 5.0 million tonne per annum. Average quantity of waste excavation is 1.5 million tonne per annum. Major variation in annual waste may occur due to site-dependency. Waste mainly occurs as intercalated

Subgrade Stacking. In Dep.-14, over 17 MT of sub-grade is available. Unless it becomes marketable, it shall be stacked at designated locations & backfilled.

*Signature*

**APPROVED**

Land Use Plan: Present, Approved & Proposed (in hectares)

	Purpose	Present	Approved	Proposed*
1	Mining	86.550	112.348	206.000
2	Dump	44.220	50.350	46.000
3	Infrastructure	43.840	29.724	70.368#
	<b>TOTAL =</b>	<b>174.610</b>	<b>192.420</b>	<b>322.368</b>

\*area indicated under individual purpose includes area utilized for environment protection works under the respective heading. # includes safety zone

*Signature*  
Vinayak Thakur  
RCP/MGP/143/2005/A

*Signature*  
S.S. Prasad  
RCP/MGP/144/2005/A

