



एन एम डी सी लिमिटेड N M D C Limited

(भारत सरकार का उद्यम / A Govt. of India Enterprise)

दोणिमलै लौह अयस्क खान/ Donimalai Iron Ore Mine

Donimalai Township 583 118, Dist: Bellary, Karnataka.

Phones: 08395 - 2/4654 / 274618, Fax : 08395 - 274687 / 274654

ISO 9001:2008
ISO 14001:2004
OHSAS 1800:2007
SA 8000: 2008

Ref: DNM/ENV/102(M)/5.71/2016/2115

Date:12/09/2018

To,
The Dy. Conservator of Forests,
Bellary Division,
Bellary.

//Through: RFO, Sandur South Range and ACF, Ballari//

Sub: Submission of compliance report to the conditions stipulated in Stage- I forest clearance for diversion of 5.71ha of forest land for widening of existing approach road for ML No.1111 S. M. Block Forest in favour of M/s NMDC Ltd. KIOM-reg.

Ref: Stage-I forest clearance from Regional Office (Southern Zone), MoEF&CC, vide letter no. A5(1).MNG.CR.7/2014-15 dated 27.10.2017.

Dear Sir,

With reference to above mentioned subject w.r.t Stage-I Forest Clearance (In-principal approval) for diversion of 5.71ha of forest land for widening of existing approach road at Kumaraswamy Iron Ore Mine, ML No.1111, S.M. Block Forest, granted in favor of M/s NMDC Ltd. ML No.1111 under Section 2(ii) of Forest (Conservation) Act, 1980 vide above referred letter, followings are the status of compliances against the conditions stipulated in Stage-I Forest Clearance.

Sl.No.	Conditions Stipulated in Stage – I FC	Action taken for fulfillment of conditions
1.	The legal status of forest land shall remain unchanged.	Agreed and noted.
2.	Compensatory Afforestation, twice in extent to the area of forest land proposed on identified degraded forest land, shall be raised within a period of three years with effect from the date of issue of Stage-II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department at the cost of the user agency. Further at least 1000 saplings per hectares shall be planted over 11.42Ha. (11420 plants). 25% of the CA cost additional will be spent towards Soil and Moisture Conservation activities in the proposed CA area as per site requirement and deposited in CAF.	Compensatory Afforestation charges for area twice in extent to the area proposed for diversion i.e 11.42Ha. plus 25% CA charges for SMC works has been paid to Karnataka CAMPA vide UTR No. SBINR52018083000058745 dt.30.08.2018 (Copy of the payment detail is enclosed as Annexure-1).
3.	The User agency shall pay NPV at the rate 20% for the area under violation (5.71 ha),	NMDC Ltd., ML No.1111 has deposited 20% of NPV i.e. Rs.35,91,687/- for the area

हिन्दी में पत्र व्यवहार को हम प्राथमिकता देते हैं। हिन्दी में पत्र व्यवहार का स्वागत है।

पंजीकृत कार्यालय : 10-3-311/ए खनिज भवन, कैसल हिल्स मासाब टैंक, हैदराबाद 500 173

Regd.Office:10-3-311/A, Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad 500 173

Sl.No.	Conditions Stipulated in Stage – I FC	Action taken for fulfillment of conditions
	for each year since the violation of Forest (Conservation) Act, 1980 has commenced.	under violation for each year (As per DCF, Ballari Demand Note dated:10.08.2018) through RTGS mode duly generating challan on MoEF&CC e-portal on 30.08.2018 in CAMPA Account of Karnataka State in Corporation Bank. Payment acceptance copy on MoEF&CC portal is enclosed as Annexure - 2.
4.	User agency shall raise penal CA on degraded forest land equivalent to the land (5.71ha) utilized, in violation of the provision of Forest (Conservation) Act 1980 within a period of three years with effect from the date of issue of Stage-II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department at the cost of the user agency.	Noted. NMDC Ltd., ML No.1111 has deposited penal CA charges for an area of 5.71Ha i.e. Rs.17,13,000/- (As per DCF, Ballari Demand Note dated:10.08.2018) through RTGS mode duly generating challan on MoEF&CC e-portal on 30.08.2018 in CAMPA Account of Karnataka State in Corporation Bank. Payment acceptance copy on MoEF&CC portal is enclosed as Annexure - 2.
5.	The land identified for the purpose of CA shall be clearly depicted on a Survey of India topo- sheet of 1:50,000 scale.	CA land has been depicted on Survey of India (Sol) topo sheet in 1:50,000 scale which is enclosed as Annexure-3 for your ready reference please.
6.	The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate as directed and advised by State Forest Department in the Ad-hoc CAMPA Account of the State concern through online portal. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years:	NMDC Ltd., ML No.1111 has deposited CA charges for an area of 5.71Ha i.e. Rs.34,26,000/- (As per DCF, Ballari, Demand Note dated:10.08.2018) through RTGS mode duly generating challan on MoEF&CC e-portal on 30.08.2018 in CAMPA Account of Karnataka State in Corporation Bank. Payment acceptance copy on MoEF&CC portal is enclosed as Annexure - 2.
7.	The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through on line portal into Ad-hoc CAMPA account of the State Concerned.	NMDC Ltd., ML No.1111 has deposited NPV charges for an area of 5.71Ha. An amount of Rs.45,85,130/- (vide Demand Note dated:10.08.2018) has been deposited by M/s. NMDC Ltd., ML No.1111 through RTGS mode duly generating challan on MoEF&CC e-portal on 30.08.2018 in CAMPA Account of Karnataka State in Corporation Bank. Payment acceptance copy on MoEF&CC portal is enclosed as Annexure - 2.
8.	Any fund received from the user agency under the project and deposited in the State Forest Department account, except the funds realized for regeneration/ demarcation of safety zone, shall be transferred through online portal into Ad-hoc CAMPA account of the State Concerned.	Agreed and noted.

Sl.No.	Conditions Stipulated in Stage – I FC	Action taken for fulfillment of conditions
9	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.	Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986 has been granted to NMDC Ltd., Kumaraswamy Iron Ore Mine (M.L.No.1111). Copy of same is enclosed as Annexure-4.
10.	No labour camp shall be established on the forest land.	Agreed and Noted.
11.	The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	No labour camps have been established in the forest area, so fuel distribution to labours is not at all required.
12.	The boundary of the diverted forest land, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing, distance from pillar to pillar and GPS Co-ordinates.	Against this condition, M/s NMDC Ltd. ML No.1111 has conducted demarcation of proposed forest area of 5.71 Ha. by erecting 4 feet high cement concrete pillars duly numbered, depicting forward and backward bearings with GPS Co-ordinates. Photos of demarcated forest area are enclosed as Annexure-5.
13.	The layout plan of the proposal shall not be changed without the prior approval of the Central Government.	Agreed and noted.
14.	The forest land shall not be used for any purpose other than that specified in the proposal.	Agreed and noted.
15.	The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government.	Agreed and noted.
16.	No damage to the flora and fauna of the adjoining area shall be caused.	Agreed and noted.
17.	The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Birds, nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project.	Agreed and noted.
18.	Felling of trees on the forest land being diverted shall be reduced to the bare minimum and the trees should be felled under strict supervision of the State Forest Department.	Agreed and noted.
19.	The User Agency shall raise strip plantation on either sides of the road and central verge at the project cost, as per IRC specification,	Agreed and noted.

Sl.No.	Conditions Stipulated in Stage – I FC	Action taken for fulfillment of conditions
	with maintenance of 7-10 years. The User Agency shall also submit design of providing at least 2-3 rows of long rotation indigenous trees, as per provision of IRC-SP-21-2009 (Guidelines on landscaping & tree plantation), on either sides of the road before final clearance.	
20.	Wherever possible and technically feasible, the User Agency shall undertake afforestation measures along the roads within the area diverted under this approval, in consultation with the State Forest Department at the project cost.	Agreed. Road side plantation work has been started.
21.	Overburden shall not be dumped outside the width of the road. The muck generated in the earth cutting will be disposed-off at the designate dumping sites and in no case the muck/debris shall be allowed to roll down the hill slopes.	Agreed and noted.
22.	The User Agency will provide retaining walls, breast wall and drainage as per requirement to make the slope stable.	Agreed and noted.
23.	The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No.11-9/1998-FC (pt.) dated 03.08.2009, 5 th February, 2013 and 05 th July, 2013, in support thereof.	As per provisions of Forest Rights Act-2006, NMDC Ltd., ML No.1111 has requested the District Collector, Ballari to issue the FRA certificate for the proposed diversion and same is under process with State Government. It will be submitted very soon. (The request letter is enclosed as Annexure-6 for kind reference).
24.	The User Agency shall not collect any toll from the vehicles carrying forest officers on duty.	Agreed and noted.
25.	The designing of culverts/bridges, if any, over the natural streams/rivers/canals should be done in such a manner that it does not hamper the natural course of water, does not give rise to water-logging, and also does not hamper movement of wild animals.	Agreed and noted.
26.	Proper drainage shall be built with engineering structures all along the road, as suggested in the inspection report.	Agreed. The drainage structure all along the road has been constructed. Photographs of drainage system is enclosed as Annexure 7.
27.	Avenue plantation shall be raised and maintained at the cost of user agency;	Agreed and noted.
28.	Fugitive dust emissions shall be controlled by making water spraying arrangements on the road.	Agreed and noted.
29.	The user agency shall have only the right of	Agreed and noted.

Annexure-1

AGENCY COPY	
NEFT / RTGS CHALLAN for Ad-HOC CAMPA	
Date : 29-08-2018	
Agency Name.	NMDC LIMITED DONIMALAI
Application No.	6185060276
MoEF/SG File No.	8-27/2005-FC VOL.
Location.	KARNATAKA
Address.	Donimalai Township, Dist. Bellary Pin: 5Bellary
Amount(in Rs)	14172317/-
Amount in Words :One Crore Forty-One Lakh Seventy-Two Thousand Three Hundred and Seventeen Rupees Only	
NEFT/RTGS to be made as per following details;	
Beneficiary Name:	KARNATAKA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150736185060276 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003
<ul style="list-style-type: none"> This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only This challan is valid only for seven days. 	

After making successful payment, User Agencies may
Email: helpdeskcampa@corpbank.co.in

SBINR 52018083000058745 Q-
8/2

Online payment history made by User Agency under CAMPA

Help



Sno.	Proposal Detail	Application_No	Application No (New)	Date of IN-PRINCIPLE	Amount to be Paid/Amount Paid (in Rs.)	Payment Status	Payment Detail	Demand Letter
1	FP/KA/ROAD/8506/2014 (../viewreport.aspx?pid=FP/KA/ROAD/8506/2014) Division of 4.4 Hectares forest land for KIOM approach road	ROAD85062014276	6185060276	27 Sep 2017	CA: 3426000/- , Addl CA : 0/- PCA: 1713000/- , CAT : 0/- Safety Zone: 0/- , Addl PA : 0/- NPV: 4585130/- , 20% of Net Present Value (NPV) for the area under : 3591687/- 25% of Raised CA cost for SMC works : 856500/- Other Charges2 : 0/- Other Charges3 : 0/- Total : 14172317/-	Paid	Fund Demand Verified by Nodal Officer On :29 Aug 2018 Bank Name : Corporation Bank Mode of Payment : NEFT/RTGS (Challan) Challan Generated On :30 Aug 2018 Transaction Date :30 Aug 2018	Demand Letter (../writereaddata/Fundpdf/8112912421210RBME0DemandNote.pdf) Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=ROAD85062014276)
2	FP/KA/TRANS/6512/2014 (../viewreport.aspx?pid=FP/KA/TRANS/6512/2014) Construction of 110 KV Transmission Line	TRANS65122014742	6465120742	22 Sep 2015	CA: 136340/- , Addl CA : 0/- PCA: 136340/- , CAT : 0/- Safety Zone: 0/- , Addl PA : 0/- NPV: 0/- , Plantation Cost of Dwarf Species : 68170/- N.A : 0/- N.A : 0/- N.A : 0/- Total : 340850/-	Paid	Fund Demand Verified by Nodal Officer On :25 Nov 2017 Bank Name : Corporation Bank Mode of Payment : NEFT/RTGS (Challan) Challan Generated On :27 Nov 2017 Transaction Date :30 Nov 2017	Demand Letter (../writereaddata/Fundpdf/11112112431210S8VSRDemandnote.pdf) Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=TRANS65122014742)

3	FP/KA/TRANS/6512/2014 (../viewreport.aspx? pid=FP/KA/TRANS/6512/2014) Construction of 110 KV Transmission Line	TRANS65122014085	11665122014085	22 Sep 2015	CA: 0/- , PCA: 168420/- , Safety Zone: 0/- , NPV: 0/- , Plantation cost of dwarf species. : Nil : 0/- Nil : 0/- Total : 421050/-	Addl CA : 0/- CAT : 0/- Addl PA : 0/- CA double the time of diverted area. : 168420/-	✓ Paid	Fund Demand Verified by Nodal Officer On :16 Sep 2016 Bank Name : Corporation Bank : Bank Mode of Payment : NEFT/RTGS (Challan) Challan :16 Sep 2016 Generated On Transaction Date :16 Sep 2016	Demand Letter (../writereaddata/Fundpdf/91191251219A0QLZdemendnotice.pdf) Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=TRANS65122014085)
4	FP/KA/MIN/6858/2014 (../viewreport.aspx? pid=FP/KA/MIN/6858/2014) Diversion of additional area over and extent of 159.01ha (Originally 167.63ha.)area of forest land for KUMARASWAMY IRON ORE MINE, in ML No.1111, NMDC LTD, DIST- BALLARI, KARNATAKA.	MIN68582014971	10968582014971		CA: 0/- , PCA: 0/- , Safety Zone: 0/- , NPV: 127685030/- NO : 0/- NO : 0/- No : 0/- Total : 127685030/-	Addl CA : 0/- CAT : 0/- Addl PA : 0/- NO : 0/-	✓ Paid	Fund Demand Verified by Nodal Officer On :22 Aug 2016 Bank Name : Corporation Bank : Bank Mode of Payment : NEFT/RTGS (Challan) Challan :22 Aug 2016 Generated On Transaction Date :23 Aug 2016	Demand Letter (../writereaddata/Fundpdf/811121213121824BAODemandnote.pdf) Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=MIN68582014971)
5	FP/KA/TRANS/6512/2014 (../viewreport.aspx? pid=FP/KA/TRANS/6512/2014) Construction of 110 KV Transmission Line	TRANS65122014255	11665122014255	22 Sep 2015	CA: 0/- , PCA: 1876680/- , Safety Zone: 0/- , NPV: 0/- , Nil : 0/- Nil : 0/- Nil : 0/- Total : 2815020/-	Addl CA : 0/- CAT : 0/- Addl PA : 0/- Plantation cost of Dwarf Species. : 938340/-	✓ Paid	Fund Demand Verified by Nodal Officer On :05 Jul 2016 Bank Name : Corporation Bank : Bank Mode of Payment : NEFT/RTGS (Challan) Challan :06 Jul 2016 Generated On Transaction Date :08 Jul 2016	Demand Letter (../writereaddata/Fundpdf/71112101215HM5OANMDCDemNote.pdf) Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=TRANS65122014255)
6	FP/KA/TRANS/6512/2014 (../viewreport.aspx? pid=FP/KA/TRANS/6512/2014) Construction of 110 KV Transmission Line	TRANS65122014607	11665122014607	22 Sep 2015	CA: 1876680/- , PCA: 0/- , Safety Zone: 0/- , NPV: 3220030/- , Other Charges1 : 0/- Other Charges2 : 0/- Other Charges3 : 0/- Total : 6121452/-	Addl CA : 0/- CAT : 0/- Addl PA : 0/- Interest on NPV @12% per annum compound from June 2 : 1024742/-	✓ Paid	Fund Demand Verified by Nodal Officer On :19 Mar 2016 Bank Name : Corporation Bank : Bank Mode of Payment : NEFT/RTGS (Challan) Challan :09 May 2016 Generated On Transaction Date :10 May 2016	Demand Letter (../writereaddata/Fundpdf/2112612381210G4XAPNMDCdemandnoteCANPVcharges110KV.p Generated Challan (../UserAccount/Neft_ChallanCorp.aspx?pid=TRANS65122014607)



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[monitoring-fc\(at\)nic\(dot\)in](mailto:monitoring-fc(at)nic(dot)in)

MAP SHOWING AN AREA OF 8.502 HA. AREA CA LAND AT SURVEY NO.908 OF GUDEKOTE,KUDLIGI (TQ) OF BELLARY DISTRICT., GIVEN TO FOREST DEPT.AGAINST THE DIV.OF 5.71 HA.FOREST PROPOSAL FOR KIOM (M.L.NO.1111)OF NMDC LTD.

ANNEXURE-3

OPEN SERIES MAP

No. D43K9

Scale 1:50,000

D43E8 (57A/8)	D43E12 (57A/12)	D43E16 (57A/16)
Bellary KARNATAKA D43K5 (57B/5)	D43K9 (57B/9)	D43K13 (57B/13)
D43K6 (57B/6)	D43K10 (57B/10)	D43K14 (57B/14)

1. Rāichūr, KARNATAKA. 2. Anantpur, ANDHRA PRADESH.

सर्वेक्षण विभाग **SURVEY OF INDIA**

1st Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll, with bridge with distance stone ...
Roads, metalled: according to importance ...
Roads, double carriageway according to importance ...
Unmetalled road. Cart-track. Track-marks with posts. Foot-path ...
Streams with track in bed, undefined. Canal ...
Dams: masonry or rock-filled; earthenwork. Weir ...
River, dry with water channel; with island & rocks. Tidal river ...
Submerged rocks. Shoal. Swamp. Reeds ...
Wells: lined, unlined. Tube-well. Spring. Tanks: perennial; dry ...
Embankments: road or rail. Bank. Broken ground ...
Railways, broad gauge; double; single with station; under construction ...
Railways, other gauges; double; single with distance stone; do ...
Level line or railway. 100. Cuts with level ...
Contours with sub-factors. Rocky slopes. Cliffs ...
Sand features (flat, dune-hills, dunes, etc.) (Shaded/shifting) ...
Towns or Villages: inhabited; deserted. Fort ...
Huts: permanent; temporary. Tower. Antiquities ...
Temples. Chhatra. Church. Mosque. Dargah. Tomb. Graves ...
Lighthouse. Lightship. Buoy: lighted; unlighted. Anchorage ...
Mine. Vine on trails. Grass. Scrub ...
Palms: palms; other. Plants. Conifer. Bamboo. Other trees ...
Vegetation: wooded. Surveyed tree ...
Boundary, international ...
State: demarcated; undemarcated ...
District: subdivided; label or label; forest ...
Boundary pillars: surveyed; unlocated ...
Height, triangulated; station; point; approximate ...
Bench-mark: geodetic; tertiary; canal ...
Post office. Telegraph office. Overhead tank ...
Rest house or inspection bungalow. Circuit house. Police station ...
Camping ground. Forest: reserved; protected ...
Special names: administrative; locality or tribal ...
Hospital. Dispensary. Veterinary Hospital / Dispensary ...
Sanatorium. Helipad. Tourist site ...
Power line: with poles surveyed; with poles unsurveyed ...

NOTES :-

Heights are in metres and above Indian mean sea level.
Heights are approximate.
Bathymetric heights, e.g., 40 represents the approximate height, in metres, between the top and bottom steep slope.
Metalled roads are passable in dry season.
Kilometre stone numbers along roads and railways are shown in slant type, e.g., '5' whereas stone numbers along roads and canals are shown in upright type, e.g., '5'.
As shown by, in this area usually contain water from July to February.
Dry knolls are shown thus ...
Natural trees are shown thus ...

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1 1/2° East in 2005.
(Decreases by about 1° annually).

500 m to 1 cm
1:50,000
2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Karnataka Geo-Spatial Data Centre
Survey of India, Koramangala II Block
Bangalore.
Fax : 080 - 25533595

WEBSITE - www.surveyofindia.gov.in

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भारत के सर्वेक्षण के विभाग में प्रकाशित,
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Annexure-4

No.J-11015/20/2002-1A.II (M)
Government of India
Ministry of Environment & Forests
I A Division

Paryavaran Bhavan
C.G.O. Complex, Lodi Road
New Delhi-110 003

Dated the 29th October 2004

To

Shri S.Krishnamurthy
Executive Director (Resource Planning)
National Mineral Development Corporation Ltd.,
Khanij Bhavan,
10-3-331/A, Castle Hills, Masab Tank,
Hyderabad-500 028

Subject: Kumaraswamy Iron Ore mining project of M/s National Mineral Development Corporation Ltd. located in Village Deogiri, Tehsil Sandur, District Bellary, Karnataka - environmental clearance reg.

Sir,

This has reference to the Ministry of Steel, Government of India letter number 5(10)99-RMI dated 21.08.2002 and your letter No. ENV/KUMA/6.6/PT-8/2002 dated 12.06.2002 and subsequent letters dated 07.08.2002, 06.11.2002, 04.03.2003, 14.07.2003, 15.09.2003, 18.09.2003, 22.10.2003, 31.10.2003, 20.05.2004, 21.07.2004 on the subject mentioned above. The Ministry of Environment and Forests has examined the application. It has been noted that the production of the mine has not increased beyond 0.3 MTPA and is within the approved capacity as per the mine plan. The total mine lease area is 647.5 ha out of which 492.33 ha is forestland and remaining area of 155.17 ha is others non-forestland (20 ha is private land + 135.17 ha mineral bearing rocky area). Out of total mining lease area of 647.50 ha, mining area is 150.43 ha, 50.15 ha is kept for OB, 11.83 ha for sub-grade ore storage, 85.95 ha for infrastructure, 71.98 ha green belt and safety zone, 167.63 ha is undisturbed forest area and 109.53 ha area is in between infrastructure. Targeted production capacity of the mine is 7.0 MTPA of iron ore. No displacement of population from the mine site is involved. No ecologically sensitive area is located within 10 km radius of the mine. Kumarswamy temple is at a distance of 1.0 km from the core zone. Working is open cast by mechanised method. Blasting is involved. Average water requirement is 16000 m³/day which will be met from Narihalla reservoir. Total waste generation is 20.27 million tonnes and area proposed for waste dumping is 115.4 ha. Total volume of tailing dam is 2.38 mm³ and life is 8 years. Disilting of the tailing for 5 years at a rate of 1 MTPA will create the volume for the slimes generated for the life of the mine. Backfilling of mined out area with solid waste/waste rock material is not involved. Karnataka State Pollution Control Board granted consent to establishment on 08.02.2002. India Bureau of Mines approved mining plan on 18.10.2002. Public hearing for the project was held on 06.08.2001. Capital cost of the project is Rs. 285.01 crores.

2. The Ministry of Environment and Forests hereby accords environmental clearance to the above mentioned iron ore mining project of M/s National Mineral Development Corporation Limited for an annual production capacity of 7.0 MTPA by opencast method involving lease area of 647.05 ha under the provisions of the

Environmental Impact Assessment Notification, 1994 as amended on 04.05.1994 and 10.04.1997 subject to the strict compliance of the terms and conditions mentioned below:

B. Specific conditions

- (i) No mining should be carried out without the grant of forestry clearance for diversion of 492.33 ha forest area by the Ministry of Environment and Forests.
- (ii) Approval from the competent authority should be obtained for drawl of requisite quantity of water from Narihalla reservoir before starting work on the project.
- (iii) The environmental clearance is subject to outcome of the Court cases pending in the Hon'ble High Court of Karnataka.
- (iv) Top soil should be stacked properly with adequate measures at earmarked sites and used for the development of green belt.
- (v) The OB dumps should be stacked at earmarked dump sites only with proper terracing and over all slope of the dump should not exceed 28°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office on yearly basis.
- (vi) A greenbelt of adequate width should be raised by planting the native plant species all around the ML area, dumps, roads, tailing dam, etc. in consultation with local DFO / Agriculture Department covering total area as proposed in the post-mining land use plan. The density of the trees should be around 2500 trees per hectare. A comprehensive progressive green belt development plan for the entire life of the mine alongwith year wise break up should be prepared and submitted to the Ministry within 3 months.
- (vii) Check dams and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from soil and mineral dumps. The water so collected should be utilized for watering mine area, roads, green belt development etc. The drains should be regularly desilted and maintained properly.

Garland drain (size, gradient and length) and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material.

- (viii) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, CGWB. The frequency of monitoring should be four times a year, pre-monsoon (April / May), monsoon (August), post-

monsoon (November), and winter (January). Data thus collected should be sent at regular intervals to MoEF and CGWB Southern region.

- (ix) Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB.
- (x) Drills should be operated with dust extractors or should be equipped with water injecting system.
- (xi) A detailed mine decommissioning plan should be submitted to the Ministry of Environment & Forests five years in advance for approval.
- (xii) Vehicular emission should be kept under control and regularly monitored.
- (xiii) Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
- (xiv) Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to MOEF and its regional office.
- (xv) The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered fauna such as bear, antelope etc. spotted in the study area in consultation with the concerned forest officials. Action plan for conservation of endangered fauna should be prepared and submitted to the Ministry and its Regional Office within 3 months.
- (xvi) A Final Mine Closure Plan along with details of Corpus Fund should 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 should be made without prior approval of the Ministry of Environment & Forests.
- (ii) No change in the calendar plan including excavation, quantum of iron ore and waste should be made.
- (iii) Conservation measures for protection of flora and fauna in the core & buffer zone should be drawn up in consultation with the local forest department and experts.
- (iv) Atleast four ambient air quality-monitoring stations should be established in the core zone as well as the buffer zone for RPM, SPM, SO₂ and NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.

Data on ambient air quality should be regularly submitted to the Min including its Regional office at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.

- (v) Fugitive dust emissions from all the sources should be controlled, regularly monitored and data recorded properly. Water spraying arrangement on haul roads, wagon loading, dump, trucks (loading & unloading) should be provided and properly maintained.
- (vi) Adequate measures should be taken for control of noise levels within prescribed standards. Workers engaged in blasting and drilling operations, HEMM operation etc. should be provided with ear pluggs/ muffs.
- (vii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
- (viii) Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.
- (ix) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- (x) Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (xi) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (xii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry.
- (xiii) The Regional Office of this Ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should provide a set of filled-in questionnaire and EIA / EMP report to them and extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xiv) The project authorities should inform to the Regional Office located at Bangalore as well to the Ministry of Environment and Forests 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) A copy of the clearance letter will be marked to the concerned Panchayat /local NGO, if any, from whom any suggestions/representation has been received while processing the proposal.
- (xvi) The 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.
- (xvii) The project authorities should advertise at least in two local newspapers widely circulated around the project, 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 according environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment & Forests at <http://envfor.nic.in>

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

4. 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.

5. 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.

(Dr.T. Chandini)
Additional Director

Copy to:

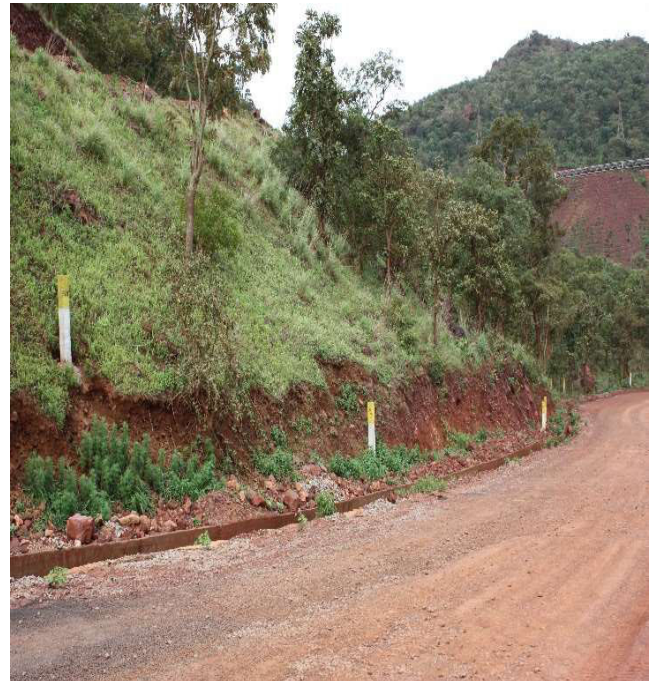
- (i) Secretary, Ministry of Steel, Government of India, Shastri Bhawan, New Delhi.
- (ii) Secretary, Department of Environment and Forests; Government of Karnataka, Vidhana Soudha, Secretariat, Bangalore.
- (iii) Secretary, Mines, SSI & Textiles, Commerce and Industries Department, Government of Karnataka, Secretariat, M.S. Building, Bangalore.
- (iv) Chief Conservator of Forests, Regional Officer (SZ), Ministry of Environment and Forests, Kendriya Sadan, 4th Floor, E&F Wing, 7th Main Road, 2nd Block, Koramangla, Bangalore-560034.
- (v) Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- (vi) Chairman, Karnataka State Pollution Control Board, Public Utility Building, M. G. Marg, Bangalore.

- (vii) Member Secretary, Central Ground Water Authority, 1103 Ansal Bhavan, K.G. Marg, New Delhi-110001.
- (viii) Regional Director, Central ground Water Board, Southern Region, Hyderabad.
- (ix) Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001. D
- (x) District Collector, Bellary District, Government of Karnataka.
- (xi) EI Division, Ministry of Environment and Forests
- (xii) Monitoring File.
- (xiii) Guard File.
- (xiv) Record File.



(Dr. T. Chandini)
Additional Director

Annexure-5





एन एम डी सी लिमिटेड N M D C Limited

(भारत सरकार का उद्यम / A Govt. of India Enterprise)

दोणिमलै लौह अयस्क खान / Donimalai Iron Ore Mine

ISO 9001:2000
ISO 14001:2004

Donimalai Township – 583 118, Dist: Bellary, Karnataka.

Phones: 08395 – 274654 / 274618, Fax : 08395 – 274687 / 274654

DNM/Env/Div.5.71/2016/1311.

Date:06.04.2016

To
The Dy. Commissioner,
Ballari Dist.
Ballari.

Sub: Issue of FRA Certificate in Form-II as per Forest Right Act 2006 (Copy of Form-II enclosed) –reg.

Ref: 1) Online Proposal No.FP/KA/ROAD/8506/2014

2) Our request letter no.DNM/ENV/Div4.4/2015 dt.12.01.2015 & 27.02.2015.

3) D.C.Ballari letter no.Rev./Mine/F.R.A/116/2014-15 dt.10.02.2015.

Dear Sir,

With reference to the above, we would like to bring to your kind notice that we are in process of getting forest diversion for an area of 5.71Ha. of forest land *instead of 4.4ha. proposed to be diverted in favour of NMDC Limited.*, for the mining lease No.1111 belonging to NMDC Limited., with the following location:

Mine Lease No.	:	1111
Name of the Lease/ Project	:	NMDC Limited.,
Located at Village	:	Ranjithpura.
Taluq	:	Sandur .
Dist.	:	Ballari.

During the process for diversion of the above forest land in favour of NMDC Limited., as per the requirement for getting diversion of forestland for non-forest purpose, we have to submit the FRA Certificate in Form-II as per Forest Right Act 2006. Copy of the said proforma of Form-II is enclosed herewith for your ready reference.

In view of the above, it is requested to process this application for issue of FRA Certificate in favour of NMDC Limited., which will help to speed-up the process for diversion of the above mentioned forest land.

Thanking You.

Yours Faithfully,

for 
06/04/2016
General Manager

Encl: As above.



हिन्दी में पत्र व्यवहार को हम प्राथमिकता देते हैं । हिन्दी में पत्र व्यवहार का स्वागत है ।
पंजीकृत कार्यालय :10-3-311/ए खनिज भवन, कैसल हिल्स मासाब टैंक, हैदराबाद 500 173
Regd.Office:10-3-311/A, Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad 500 173

Annexure-7

