

## Modified MINING PLAN

(Submitted under Rule 22(6) of M.C.R. 1960)

Category of Mine: A (Fully Mechanized)

(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,  
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(Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)



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

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### VOLUME - 1 (TEXT, PMCP & ANNEXURES)

पत्र संख्या द्वारा

VIDE LETTER No. - BST/FE/MPLO-435/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)

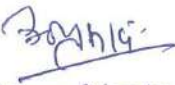
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RQP/NGP/344/2006/A,  
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AGM (MINING)

  
क्षेत्रीय खान नियंत्रक (ना. खे.)  
Regional Controller of Mines (N. R.)  
भारतीय खान ब्यूरो नागपुर  
Indian Bureau of Mines, Nagpur

## MODIFIED MINING PLAN

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

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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 Ownership	:	Government Land	
Safety Zone	:	3.867 hectare (within ML area) <b>अनुमोदित APPROVED</b>	
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

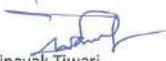
  
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1.12	Certificate of registration of NMDC Ltd under The Companies Act	A 44
1.13	Financial Assurance in form of Bank Guarantee for Rs. 80.592 valid till 31-03-2020 already submitted to RCOM(NR)	A 45
1.14	MoEF circular no. F No. 11-599/2014-FC dated 01-04-2015 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

  
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 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 Company 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

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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  
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