



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
	TOTAL	322.368	322.368

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

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

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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 Salpathy, 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:

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

[Signature]
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 147.759 HECT
(Complete Area falls in Bailadila Reserve Forest, Govt. Ownership)



Category of Mine: A (Fully Mechanized)

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

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APPROVED

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

VOLUME - 1 (TEXT, PMCP & ANNEXURES)

पत्र संख्या द्वारा

VIDE LETTER No. - GAT/FE/MPLO-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)
DCM (G & MP)

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

भारतीय खनिज विभाग (भा. ख.)
Regional Controller of Mines (R. C.)
भारतीय खनिज विभाग कार्यालय
Indian Bureau of Mines, Nagpur

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.

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APPROVED.

Land Use Plan: Present, Approved & Proposed (in hectares)

	Purpose	Present	Approved	Proposed*
1	Mining	86.550	112.346	206.000
2	Dump	44.220	50.350	46.000
3	Infrastructure	43.840	29.724	70.368#
	TOTAL =	174.610	192.420	322.368

*area indicated under individual purpose includes area utilized for environment protection works under the respective heading. # includes safety zone

Vinayak Thewari

RDP/NBP/413/2012/A

S.S. Prasad

RDP/NBP/344/2006/A