

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

Mining Plan inspection REPORT

Kolkata regional office

Mine file No : KOL/JHK/SB(W)/Fe(B-7)

Mine code : 30BHR27004

- (i) Name of the Inspecting : **E025**) **NAMAN EKKA**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Sri A.B.Singh, Mines, Agent
Official with
Designation
- (iv) Date of Inspection : 06/04/2017
- (v) Prev.inspection date : 13/07/2009

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BARAIBURU TATIBA**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : JHARKHAND
District : SINGHBHUM (WEST)
Village : BARAIBURU TATIBA
Taluka : CHAIBASA
Post office : BARAIBURU VIA BARAJAMDA
Pin Code : 833221
FAX No. : 06767-275367
E-mail : Rjm.barbil@adityabirla.com
Phone : 06767-275240
- (f) Police Station : KIRUBURU
- (g) First opening date : 08/12/1966
- (h) Weekly day of rest : SUN
2. Address for : THE RAMESHWARA JUTE MILLS LTD
correspondance PO: BARAIBURU (VIA-BARAJAMDA)
DISTRICT: WEST SINGHBHUM, JHARKHAND-833221
3. (a) Lease Number : BHR0068
- (b) Lease area : 259
- (c) Period of lease : 20
- (d) Date of Expiry : 27/05/1986
4. Mineral worked : MANGANESE ORE Associated
IRON ORE Main

5. Name and Address of the

Lessee : RAMESHWAR JUTE MILLS LTD.
P.O-BARAIBURI (VIA-
BARAJAMDA) DIIST-WEST
SINGHBHUM JHARKHAND
SINGHBHUM (WEST) JHARKHAND
Phone:033-228277
FAX :033-22825443

Owner : HUKUM CHAND DAGA
2, ROWLAND ROAD BLOCK A/1,
4TH FLOOR KOLKATA - 700 020
KOLKATA WEST BENGAL
Phone: 09830044449/ 22
FAX : 033-22825443

Agent : KRISHNA KANT DUBEY
ESSEL MINING CAMPUS P.O-
BARBIL, DIST.-KENDUJHAR
ODISHA SINGHBHUM (WEST)
JHARKHAND
Phone:
FAX :

Mining Engineer

Name : Sunil Kumar Sinha,Full Time
Qualification : AMIE (Mining)
Appointment/ : 01/12/2017
Termination date

Geologist

Name : Praween Kumar Pradhan,Full Time
Qualification : M Sc (Geology)
Appointment/ : 01/12/2017
Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	01/11/2004
Plan/Scheme of Mining		Modif.of approved Mining Plan	13/11/2009
		Mining Scheme rule 12 MCDR1988	05/07/2011

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
1b	Exploration over lease area for geological axis 1 or 2	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
1e	Balance reserve as on 01/04/20	Balance Reserves for IRON as on 2014 111 - 3.409 MT 221- 26.794 MT 333 - 3.485 MT Balance Reserves for MN 121- 21.942 MT 221 - 8.261 MT 333 - 3.485 MT	Balance Reserves for IRON 111 - 3.409 MT 221- 26.794 MT 333 - 3.485 MT Balance Reserves for MN 121- 21.942 MT 221 - 8.261 MT 333 - 3.485 MT	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
1f	General remarks of inspecting officers on geology, exploration etc		No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
2c	Stripping ratio or ore to OB ratio	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
2d	Quantity of topsoil generation in m3	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
2e	Quantity of overburden generation in m3	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3b	Quantity of ROM mineral production proposed	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

3c	Recovery of sailable/usable mineral from ROM production	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3d	Quantity of mineral reject generation	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3e	Grade of mineral rejects generation and threshold value declared.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3f	Quantity of sub grade mineral generation.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3g	Grade of sub grade mineral generation	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3j	Provision of drilling and blasting in mineral benches	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3k	Provision of mining machineries in mineral benches	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3m	Total area covered under excavation/pits	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3n	Ore to OB ratio for the pit/mine during the year.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3o	Total area put in use under different heads at the end of year	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3p	Production of ROM mineral during the last five year period as applicable	For Iron 2011-12 - 784035 T 2012-13 - 1202850 T 2013-14 - 2259953 T 2014-15 - 2259743 T 2015-16 - 2259850 T For Mn 2011-12 - 3350 T 2012-13 - 3366 T 2013-14 - 3345 T 2014-15 - 3340 T 2015-16 - 3988 T	For Iron 2011-12 - 18888.160 T 2012-13 - 0.00 T 2013-14 - 321865.830 T 2014-15 - 77345.00 T 2015-16 - 0.00 T For Mn 2011-12 - 1379.94 T 2012-13 - 0.00 T 2013-14 - 0.00 T 2014-15 - 0.00 T 2015-16 - 0.00 T	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
3q	General remarks of inspecting officers on method of mining etc.		No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4b	Location of topsoil, OB and mineral reject dumps	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4c	Number of dumps within lease area and outside of lease area	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4e	Number of active and alive dumps.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4f	Number of dead dumps.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4g	Number of dumps established.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4i	Length of Retaining wall or garland drain all along dumps	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

4j	Number of settling ponds	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
4k	Specific comments of inspecting officer on waste dump management	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
5b	Area under backfilling of mined out area	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
5d	Total area fully reclaimed and rehabilitated	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6b	Area available for rehabilitation (ha) .	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6c	afforestation done (ha).	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6d	No. of saplings planted during the year	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6e	Cumulative no .of plants	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6f	Any other method of rehabilitation	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6g	Cost incurred on watch and care during the year	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
7c	Different grade of mineral sorted out at mines.	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
7d	Any beneficiation process at mines .	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8b	Concurrent use or storage of topsoil	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8g	Survival rate	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
8h	Water sprinkling on roads to control airborne dust	NIL	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Work Done. Mines was not working in 2015-16	Mining Operations were suspended by Govt. of Jharkhand Vide Letter No. 458 dated 04/09/2014.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(NAMAN EKKA)

Indian Bureau of Mines