

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/KJR/MCDR-51/BBS

Mine code : 30ORI08049

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : SHRI B K DAS, REPRESENTATIVE OF LESSEE.
Official with
Designation
- (iv) Date of Inspection : 17/07/2014
- (v) Prev.inspection date : 23/02/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SURGUTURIA**
- (b) **Registration NO.** : **IBM / 8121 / 2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : SURGUTURIA
- Taluka : BARBIL
- Post office : BANSPANI
- Pin Code : 758034
- FAX No. : 06767-276834
- E-mail : narayanisons@yahoo.com.in
- Phone : 06767-262006,275235
- (f) Police Station : BANSPANI
- (g) First opening date : 01/10/1885
- (h) Weekly day of rest : TUE
2. Address for : AT/PO-SARUGOTORIA
correspondance : DIST-KEONJHAR
PS-JODA
3. (a) Lease Number : ORI0080
- (b) Lease area : 99.78
- (c) Period of lease : 20
- (d) Date of Expiry : 05/07/2010
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : NARAYANI SONS
 AT/PO-BARBIL KEONJHAR
 ORISSA
 Phone:
 FAX :

Owner : M/S NARAYANI SONS PVT LIMITED
 AT/PO-BARBIL DIST-KEONJHAR
 KEONJHAR ORISSA
 Phone:
 FAX :

Mining Engineer

Name : P.K.SAHOO, Full Time
 Qualification : A.M.I.E (MINING)
 Appointment/
 Termination date

Mining Engineer

Name : N.P.BARIK, Full Time
 Qualification : AMIE (MINING), M.Sc (Geology)
 Appointment/ : 01/04/2003
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20/04/2005
Plan/Scheme of Mining		Modif.approved Mining Scheme	28/03/2007
		Mining Scheme rule 12 MCDR1988	16/12/2008
		Renewal under rule 24 MCR1960	18/12/2009
		FMCP under 23C(1)	16/11/2010

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	AS PER MINING PLAN APPROVED ON 18.12.2009 FOR THE PERIOD 2010-11 TO 2014-15 , THERE WAS NO PROPOSAL FOR EXPLORATION OF IRON ORE.	2010-11 TO 2014-15 : NIL HOWEVER LESSEE HAS ALREADY DRILLED 10 BH (3 BH DURING 2001-02 AND 0 BH DURING 2008-09) .	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f.01.12.2011 VIDE LETTER DATED 01.05.2015. 12
1e	Balance reserve as on 01/04/20		AS PER MINING PLAN APPROVED ON 18.12.2009 FOR THE PERIOD 2010-11 TO 2014-15 THE ESTIMATED AS FOLLOWS: IRON ORE : GEOLOGICAL RESERVE: 709800 MT PROVED AND MINEABLE RESERVE : 699125 MT PROVED.	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES.
1f	General remarks of inspecting officers on geology, exploration etc		RESERVE HAS BEEN ESTIMATED ON THE BASIS OF ALREADY DEVELOPED 2 QUARRIES NAMELY MAIN QUARRY AND C-QUARRY. A TOTAL OF 440 M LONG INCLUDING ORE ZONE MAIN QUARRY AND C-QUARRY HAS BEEN PROVED BY 10 BORE HOLES (3 BH DRILLED DURING 2001-02 AND 7 BH DRILLED DURING 2007-08). NO FURTHER EXPLORATION PROPOSAL HAS BEEN SUBMITTED IN THE MINING PLAN. IRON ORE RESERVE WAS 699125 MT PROVED MINEABLE.	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f 01.12.2011 VIDE LETTER DATED 01.05.2015.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	MAIN QUARRY AND C-QUARRY	NIL NO WORK SINCE 01.12.2009	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	MAIN QUARRY AND C-QUARRY	NIL NO WORK SINCE 01.12.2009	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f. 01.12.2011 VIDE LETTER DATED 01.05.2015.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2 PITS	NIL NO WORK SINCE 01.12.2009	
3b	Quantity of ROM mineral production proposed	AS PER MINING PLAN APPROVED ON 18.12.2009 FOR THE PERIOD 2010-11 TO 2014-15 , THE ROM PRODUCTION PROPOSAL WAS AS FOLLOWS: 2010-11: 114380 MT, 2011-12: 38880 MT, 2012-13 : 44800 MT, 2013-14: 31500 MT, 2014-15: 24080 MT	NIL NO WORK SINCE 01.12.2009.	

3c	Recovery of sailable/usable mineral from ROM production	SALEABLE PROPOSAL WAS AS FOLLOWS: 2010-11: 200165 MT, 2011-12: 120540 MT, 2012-13: 78400 MT, 2013-14: 55125 MT, 2014-15: 42140 MT	NIL NO WORK SINCE 01.12.2009.
3f	Quantity of sub grade mineral generation.	SUB-GRADE MINERAL GENERATION PROPOSAL WAS AS FOLLOWS: 2010-11: 2287 MT, 2011-12: 1378 MT, 2012- 13: 896 MT, 2013-14: 630 MT, 2014-15: 482 MT	NIL NO WORK SINCE 01.12.2009
3o	Total area put in use under different heads at the end of year	AREA PUT IN USE UNDER OPENCAST WORKING : 5.213 HA, USED FOR WASTE DISPOSAL : 2.753 HA, OCCUPIED BY ROAD ETC : 2.143 HA, OTHER PURPOSES : 2.635 HA.	NO WORK SINCE 01.12.2009.

3q	General remarks of inspecting officers on method of mining etc.	OTHER THAN FULLY MECHANISED METHOD BY DEPLOYING 0.9 CUM CAPACITY EXCAVATOR , 10 T TIPPER / DUMPER, 32 MM DIA JACK-HAMMER DRILL, POWER GEL EXPLOSIVE WITH SAFETY FUSE ETC . TRANSPORTATION OF WASTE TO THE WASTE DUMP AND ORE TO THE CRUSHING & SCREENING PLANT.	NIL NO WORK SINCE 01.12.2009	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f.01.12.2011 VIDE LETTER DATED 01.05.2015.
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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	SEPARATE DUMPING OF OB / WASTE	NIL NO WORK SINCE 01.12.2009	
4c	Number of dumps within lease area and outside of lease area	TWO	NIL ALREADY EXISTING TWO DUMPS	NO WORK SINCE 01.12.2009
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	BEYOND ULTIMATE PIT LIMIT	NIL ALREADY EXIST BEYOND ULTIMATE PIT LIMIT	NO WORK SINCE 01.12.2009
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	NIL	NO WORK SINCE 01.12.2009

4i	Length of Retaining wall or garland drain all along dumps	RETAINING WALL NIL : 500 M X 2 M X 1 M AND GARLAND DRAIN: 1260 M X 1 M X 1 M		NO WORK SINCE 01.12.2009.
4k	Specific comments of inspecting officer on waste dump management	AS THE MINE IS UNDER DISCONTINUANCE SINCE 01.12.2009, DUE TO WANT OF STATUTORY CLEARANCES, THE PROPOSAL ON WASTE DUMP MANAGEMENT HAS NOT BEEN CARRIED OUT.		SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f 01.12.2011 VIDE LETTER DATED 01.05.2015.

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.	NO PROPOSAL AS NIL THE MINERAL HAS NOT BEEN EXHAUSTED FROM THE MINE		NO WORK SINCE 01.12.2009.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NO BACKFILLING NIL / RECLAMATION PROPOSAL AS THE ORE HAS NOT BEEN EXHAUSTED FROM THE MINE		MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f.01.12.2011 VIDE LETTER DATED 01.05.2015.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	NO WORK SINCE 01.12.2009	

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	AS THE MINE IS UNDER DISCONTINUANCE SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES , NO PROPOSAL OF PMCP HAS BEEN CARRIED OUT.	SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f.01.12.2011 VIDE LETTER DATED 01.05.2015.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		NO DEAPATCH OR SORTING SINCE 01.12.2009 DUE TO DISCONTINUANCE OF MINING OPERATION	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		IRON ORE CONTAINING LESS THAN 58% FE IS REGARDED AS SUB-GRADE ORE STACKED SEPARATELY FOR FUTURE USE.	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f 01.12.2011 VIDE LETTER DATED 01.05.2015.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	THERE IS PROPOSAL TO SCRAP 0.1 M THICK TOP SOIL AND STACK FOR FUTURE USE.	NIL NO WORK SINCE 01.12.2009	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		THERE IS NO PROMINENT VEGETATION COVER INSIDE THE THE LEASE AREA EXCEPT THE GREENERY DEVELOPED BY PLANTATION.	NO MINING OPERATION SINCE 01.12.2009

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NO MINING OPERATION SINCE 01.12.2009	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		ROM STOCK : NIL GRADE -WISE STOCK : LUMPS : BELOW 60% FE : 6776.790 MT, 60 TO BELOW 62% FE: 526.120 MT, 62 TO BELOW 65% FE : 16011.300MT FINES: : 65% & ABOVE: 44459.800MT	NO MINING OPERATION SINCE 01.12.2009
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		MINE IS DISCONTINUED SINCE 01.12.2009 NO PRODUCTION SINCE THEN COST OF PRODUCTION : NIL	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.12.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE HAS STOOD LAPSED w e f 01.12.2011 VIDE LETTER DATED 01.05.2015.

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 :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines