

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/KJR/MCDR-16/BBS

Mine code : 40ORI08008

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : **SHRI D P BARNWAL, MINES MANAGER, SHRI R N KAR, MANAGE**
Official with
Designation
- (iv) Date of Inspection : 16/09/2014
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHORMALDA**
- (b) **Registration NO.** : **IBM / 5306 / 2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ORISSA
District : KEONJHAR
Village : CHORMALDA
Taluka : BARBIL
Post office : MALDA
Pin Code :
FAX No. : 06767 - 272363 / 033400716:
E-mail : rameshprasadsao@rediffmail
Phone : 06767 -272446 /
- (f) Police Station : BARBIL
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : EUROPEAN QUARTERS, OPP. GANDHI MAIDAN,
correspondance P.O.- CHAIBASA, DISTT.- SINGHBHUM WEST,
JHARKHAND- 833201
3. (a) Lease Number : ORI0648
- (b) Lease area : 141.12
- (c) Period of lease : 0
- (d) Date of Expiry :
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : RAMESH PRASAD SAO
NEAR GANDHI PARK
AT/PO.CHAIBASA
DIST.SINGHBHUM(W) SINGHBHUM
(WEST) JHARKHAND
Phone:56268
FAX :

Owner : RAMESH PRASAD SAO
NEAR GANDHI PARK
AT/PO.CHAIBASA SINGHBHUM
(WEST) JHARKHAND
Phone: 56268
FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	25/01/2008
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	21/04/2008

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	<p>I HAVE INSPECTED THE MINE ON 16.09.2014. AT THAT TIME THERE WAS NO VALID PROPOSAL / SCHEME OF MINING FOR THE YEAR 2013-14. EARLIER S O M APPROVED ON 21.04.2008 WAS FOR THE PERIOD 2008-09 TO 2012-13. SUBSEQUENT S O M APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18 BUT WITHOUT ANY PROPOSAL FOR THE 2013-14. FOR THE YEAR 2014-15 NUMBER OF BH PROPOSED WAS 65.</p>	<p>2013-14 : NIL, NO PROPOSAL 2014-15 : NIL HOWEVER LESSEE HAD EARLIER COMPLETED 27 TRIAL PITS . OUT OF 27 TRIAL PITS ONLY 18 TRIAL PITS WERE ENCOUNTERED MANGANESE ORE.</p>	<p>MINING OPERATION WAS SUSPENDED BY D D M JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY MINING OPERATION WAS STOPPED BY D F O, KEONJHAR VIDE THEIR LETTER DATED 23.12.2009 DUE TO WANT OF FOREST CLEARANCE.</p>

- 1b Exploration over geological axis 1 or 2
- DURING MY INSPECTION THERE WAS NO VALID PROPOSAL / SOM FOR THE YEAR 2013-14. EARLIER SOM APPROVED ON 21.04.2008 WAS FOR THE PERIOD 2008-09 TO 2012-13. SUBSEQUENT SOM APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18 BUT WITHOUT ANY EXPLORATION PROPOSAL FOR THE YEAR 2013-14. AND FOR THE YEAR 2014-15 : 65 BH.
- 2013-14: NO PROPOSAL
2014-15: NIL
HOWEVER OUT OF TOTAL 141.122 HA LESSEE HAD EXPLORED THE LEASE AREA ON THE BASIS OF OLD WORKINGS AND TRIAL PITS AS PER UNFC NORMS IS AS FOLLOWS: UNDER G1 LEVEL : NIL, G2 LEVEL: 5.418 HA,
UN EXPLORED AREA : 135.704 HA .
- MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009.
- 1c Exploration Agencies and Expenditure in lakh rupees during the year
- TOTAL EXPENSES FOR TRIAL PITS WAS ABOUT Rs.120640/-

1d	Balance area to be explored to bring Geological axis in 1 or 2	AS PER S O M APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18 THE EXPLORATION PROPOSAL IS AS FOLLOWS: 2013-14: NIL, 2014-15 TO 2017-18: 260 BH (65 BH EACH YEAR) BALANCE LEASE AREA TO BE EXPLORED 135.704 HA	NIL	MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009.
1e	Balance reserve as on 01/04/20	RESERVE AS PER UNFC NORMS AS PER SOM APPROVED ON 13.03.2015 IS AS FOLLOWS: 111 : NIL 122: 50310 MT > 25% MN + 10643 MT 10 TO 25 % MN 221: NIL 222 : 3250 MT > 25% MN + 687 MT 10 TO 25% MN 332: NIL 333: 53560 MT > 25% MN + 11330 MT 10 TO 25% MN		
1f	General remarks of inspecting officers on geology, exploration etc	AS PER SOM APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18 THE EXPLORATION PROPOSAL IS AS FOLLOWS: 2013-14: NIL, 2014-15 TO 2017-18: 260 BH (65 BH EACH YEAR)	2013-14 : NO PROPOSAL 2014-15: NIL, 2015-16: NIL HOWEVER LEASE AREA ALREADY EXPLORED OUT OF TOTAL LEASE AREA 141.122 HA AS PER UNFC NORMS IS AS FOLLOWS: UNDER G1 LEVEL : NIL, G2 LEVEL: 5.418 HA, UNEXPLORED AREA: 135.704 HA	MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	I HAVE INSPECTED THE MINE ON 16.09.2014. AT THAT TIME THERE WAS NO PROPSAL / SOM FOR THE YEAR 2013-14. PREVIOUS SOM APPROVED ON 21.04.2008 WAS FOR THE PERIOD 2008-09 TO 2012-13. SUBSEQUENT SOM APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18 BUT NO PROPOSAL FOR 2013-14 TO 2015-16.	2013-14 & 2014-15:: NIL	MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NO PROPOSAL FOR THE YEAR 2013-14 TO 2015-16 AS PER SOM APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18.	NIL	MINING OPERATION HAS BEEN SUSPENDED BY DDM,JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NO PROPOSAL FOR THE YEAR 2013-14 AND 2014-15 AS PER SOM APPROVED ON 13.03.2015.	NO WORK DURING 2013-14 AND 2014-15. HOWEVER ALREADY EXISTING PIT IS APPROXIMATLY 70 M LENGTH AND 68 M WIDE	MINING OPERATION HAS BEEN SUSPENDED BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

3b	Quantity of ROM mineral production proposed	NO PROPOSAL FOR THE YEAR 2013-14, 2014-15 & 2015-16 AS PER SOM APPROVED ON 13.03.2015.	2013-14 , 2014-15 & 2015-16: NIL	MINING OPERATION IS UNDER SUSPENSION BY DDM, JODA VIDETHEIR LETTER DATED 06.11.2009
3m	Total area covered under excavation/pits	NO PROPOSAL	NIL HOWEVER PREVIOUSLY ALREADY AREA COVERED UNDER EXCAVATION / PITS : 21.76 HA	NO WORK SINCE NOVEMBER, 2009.
3o	Total area put in use under different heads at the end of year		2013-14, 2014-15 & 2015-16: NIL ALREADY AREA PUT IN USE UNDER OPEN CAST WORKINGS : 21.76 HA, USED FOR WASTE DISPOSAL : 2.63 HA, OCCUPIED BY ROAD ETC : 4.25 HA AND USED FOR OTHER PURPOSES : 0.61 HA.	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009. DUE TO WANT OF STATUTORY CLEARANCES.
3p	Production of ROM mineral during the last five year period as applicable	I HAVE INSPECTED THE MINE ON 16.09.2014. AT THAT TIME THRER WAS NO VALID PROPOSAL / SOM FOR THE YEAR 2013-14 ONWARDS. PREVIOUS SOM APPROVED ON 21.04.2008 WAS FOR THE PERIOD 2008-09 TO 2012-13. SUBSEQUENT S O M APPROVED ON 13.03.2015 FOR THE PERIOD 2013-14 TO 2017-18, PROPOSAL IS AS FOLLOWS: 2013-14 TO 2015-16 ; NIL , 2016-17: 3250 MT, 2017-18: 8060 MT	2013-14 TO 2015-16 : NO PROPOSAL	MINE IS UNDER SUSPENSION BY DDM , JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

3q	General remarks of inspecting officers on method of mining etc.	NO PROPOSAL FOR THE YEAR 2013-14 TO 2015-16. OPENCAST MANUAL METHOD OF MINING (CATEGORY 'B' MANUAL)	NO WORK DURING 2013-14 TO 2015-16. HOWEVER THERE ALREADY EXIST ONE BENCH IN ORE AND 2 BENCHES IN O B., HEIGHT OF EACH BENCH IS 1.5 M	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE 2009 DUE TO WANT OF STATUTORY CLEARANCES.
----	---	--	--	--

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NO PROPOSAL FOR 2013-14, 2014-15 & 2015-16.	NO WORK SINCE 2009 HOWEVER THERE IS ALREADY OB DUMP OVER AN AREA 2.63 HA.	MINE IS UNDER SUSPENSION BY DDM JODA VIDE THEIR LETTER DATED 06.11.2009. DUE TO WANT OF STATUTORY CLEARANCES.
4k	Specific comments of inspecting officer on waste dump management	NO PROPOSAL FOR THE YEAR 2013-14 TO 2015-16.	NO WORK SINCE 2009 HOWEVER THE AREA ALREADY USED FOR WASTE DISPOSAL IS 2.63 HA	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LATTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

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 FOR THE YEAR 2013-14 TO 2015-16	NO WORK SINCE 2009. HOWEVER AS ON DATE MINERAL HAS NOT BEEN EXHAUSTED AND PART OR FULL EXTRACTION OF MINERAL FROM MINE HAS NOT BEEN COMPLETED,	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NO PROPOSAL FOR THE YEAR 2013-14, 2014-15 & 2015-16	NIL HOWEVER MINERAL HAS NOT BEEN EXHAUSTED IN THE QUARRY / MINE, SO THERE IS NO BACKFILLING PROPOSAL.	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

 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).	NO PROPOSAL FOR THE YEAR 2013-14, 2014-15 & 2015-16.	NIL NO WORK SINCE 2009	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANMCES.
6e	Cumulative no .of plants	NO PROPOSAL	NIL HOWEVER CUMULATIVE ALREADY NUMBER OF TREES PLANTED 1150 WITH IN LEASE AND 500 OUT SIDE LEASE AREA.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NO PROPOSAL	NIL NO WORK SINCE 2009 HOWEVER ALREADY 1150 NO OF TREES PLANTED IN SIDE LEASE AREA	MINE IS UNDER SUSPENSION

 Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NO PROPOSAL FOR 2013-14, 2014-15 & 2015-16 AS PER SOM APPROVED ON 13.03.2015.	NIL , NO WORK SINCE 2009	MINE IS INDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	NO WORK SINCE 2009	
7c	Different grade of mineral sorted out at mines.	CHEMICAL GRADE : 42.8 % TO 50.1 % MN FERRO MANGANESE PLANTS: 38% TO 48% MN STEEL PLANTS: 28% TO 30% MN	NIL	MINING OPERATION IS UNDER SUSPENSION

7d	Any beneficiation process at mines .	NO BENEFICIATION PROPOSAL EXCEPT THE CRUSHER USED FOR CRUSHING AND REDUCTION OF ROM TO OUTPUT SIZE 25 MM.	NIL, NO WORK SINCE 2009	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NO PROPOSAL FOR THE YEAR 2013-14, 2014-15 & 2015-16 AS PER SOM APPROVED ON 13.03.2015.	NIL NO WORK SINCE 2009 HOWEVER ALREADY PRACTISED MN ORE + 25 % AS WELL AS SUB-GRADE / MINERAL REJECT 10-25% MN CONTENT MANUALLY SORTED, SIZED AND BLENDED AT THE MINE SITE TO SUIT THE REQUIREMENT OF USER INDUSTRIES.	MINE IS UNDER SUSPENSION BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO PROPOSAL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO PROPOSAL	NIL HOWEVER ALREADY AREA USED FOR WASTE DISPOSAL 2.63 HA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NO PROPOSAL	NIL HOWEVER ALREADY ADDITIONAL PLANTATION DONE 1150 NOS INSIDE LEASE AREA AND 500 OUT SIDE LEASE AREA.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NO PROPOSAL FOR THE YEAR 2013-14, 2014-15 & 2015-16 AS PER SOM APPROVED ON 13.03.2015.	NIL HOWEVER OUT OF TOTAL LEASE AREA 141.122 HA, AREA WITH IN FOREST 134.849 HA. THE AREA IS A HILLY TERRAIN . RESERVED FOREST ON HILLS AND ON MODERATE SLOPES AND MIXED FOREST ARE SPARSED MOSTLY BENEATH THE HILLY RESERVE FOREST.	AESTHETIC BEAUTY IN AND AROUND THE MINES AREA HAS BEEN MAINTAINED BY AFFORESTING 1150 NO TREES IN SIDE LEASE AND 500 NO OF TREES OUT SIDE LEASE AREA.
----	--	--	---	---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	I HAVE INSPECTED THE MINE ON 16.09.2014. ANNUAL RETURN FOR THE YEAR 2013-14 HAS BEEN RECEIVED.	MINING OPERTION HAS BEEN SUSPENDED w e F 10.11.2009 DUE TO WANT OF STATUTORY CLEARANCES BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		SHRI D P BARNWAL MANAGER CUM MINING ENGINEER HAS BEEN APPOINTED.	MINING OPERATION IS UNDER SUSPENSION SINCE NOVEMBER, 2009.
9d	Scrutiny of Annual return on afforestation		1150 WITH IN MINING LEASE AND 500 OUT SIDE MINING LEASE AREA.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		ROM STOCK : 1275 MT GRADE-WISE STOCK : 25% TO 35% MN : 830 MT, 35% TO 46% MN : 360 MT AND 45% MN & ABOVE : 85 MT	MINING OPERATION HAS BEEN SUSPENDED w e f 10.11.2009 BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		NO MINING OPERATION SINCE NOVEMBER, 2009 AS PER ANNUAL RETURN 2013-14 NO PRODUCTION, NO SALE VALUE ETC.	

9h	Scrutiny of Annual return on fixed assets	NO WORK SINCE NOVEMBER 2009 AS PER ANNUAL RETURN 2013-14, FIXED ASSETTS MENTIONED AS ZERO.	
9k	Scrutiny of Annual return on mining machineries	NO WORK SINCE NOVEMBER, 2009 AS PER ANNUAL RETURN 2013-14 MINING MACHINERY MENTIONED AS ZRO.	MINING OPERATION IS UNDER SUSPENTION w e f 10.11.2009 DUE TO WANT OF STATUTORY CLEARANCES BY DDM, JODA VIDE THEIR LETTER DATED 06.11.2009.

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