

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/GRPH/BLG/MCDR-37/BBS

Mine code : 28ORI03057

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : REPRESENTATIVE OF LESSEE
Official with
Designation
- (iv) Date of Inspection : 10/05/2014
- (v) Prev.inspection date : 06/07/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GAINDIMAL**
- (b) **Registration NO.** : **IBM / 7582 /2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : BOLANGIR
- Village : GORINDIMAL
- Taluka : KANTABANJI
- Post office : MAHULPATI
- Pin Code : 767038
- FAX No. : 0663 -2404670
- E-mail :
- Phone :
- (f) Police Station : TUREKELA
- (g) First opening date : 19/05/1997
- (h) Weekly day of rest :
2. Address for : LEASE TRANSFERRED TO SHRI N L AGRAWAL , AT / P.O
correspondance BALIBANDHA, DIST: SAMBALPUR- 768 001
WITH EFFECT FROM 18.07.2002
3. (a) Lease Number : ORI0613
- (b) Lease area : 41.5
- (c) Period of lease : 20
- (d) Date of Expiry : 19/05/2017
4. Mineral worked : GRAPHITE Main

5. Name and Address of the

Lessee : HIMANSU KUMAR SAHU
H.K.SAHU, MINE OWNER
P.O.MAHULPATI BOLANGIR
ORISSA
Phone:
FAX :

Owner : H.K.SAHU
H.K.SAHU, MINE OWNER
P.O.MAHULPATI BOLANGIR
ORISSA
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NO VALID MINING PLAN / SCHEME OF MINING. EARLIER MINING PLAN APPROVED ON 08.10.1996 WAS VALID UPTO 31.03.2002.	I HAVE INSPECTED THE MINE ON 10.05.2014. MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001.	VIOLATION CUM SHOW-CAUSE NOTICE WAS ISSUED TO THE LESSEE (SHRI N L AGARWAL) ON 28.10.2014 UNDER RULE 12(2) & (3) READ WITH 13(1), 24 (1) AND 45(5)(a) (viii) & (b) (viii) OF MCDR, 1988. PROSECUTION HAS BEEN LAUNCHED AGAINST THE LESSEE ON 23.04.2015 IN THE COURT OF S D J M, BHUBANESWAR, DISTT: KHURDA, ODISHA.
1b	Exploration over lease area for geological axis 1 or 2	NO VALID MINING PLAN / SCHEME OF MINING. EARLIER MINING PLAN APPROVED ON 08.10.1996 WAS VALID UPTO 31.03.2002.	MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER, EARLIER THREE PITS AND TWO TRENCHES WERE PUT IN THE LEASE AREA. AFTER EXAMINATION OF THESE PIT / TRENCHES IN DETAILS ORE BEARING AREA WAS ANALYSED AND RESERVE WAS ESTIMATED BY CROSS SECTIONAL AREA METHOD .	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NO VALID MINING PLAN / SCHEME OF MINING TOTAL LEASE AREA 41.504 HA TO BE EXPLORED	WHOLE LEASE AREA 41.504 HA YET TO BE EXPLORED	

1e	Balance reserve as on 01/04/20	NO VALID MINING PLAN / SCHEME OF MINING	AS PER EARLIER MINING PLAN APPROVED ON 08.10.1996 VALID UP TO 31.03.2002 THE RESERVE WAS AS FOLLOWS: PROVED : 2930 TONNE (GROSS RESERVE) 2758 TONNE (RECOVERABLE RESERVE) PROBABLE: 1548 TONNE (GROSS RESERVE) , 1471 TONNE (RECOVERABLE RESERVE) POSSIBLE : 774 TONNE (GROSS RESERVE), 735 TONNE (RECOVERABLE RESERVE)	
1f	General remarks of inspecting officers on geology, exploration etc	NO VALID MINING PLAN / SCHEME OF MINING	WHOLE LEASE AREA HAS NOT BEEN EXPLORED AS PER UNFC.	BESIDES PROSECUTION HAS BEEN LAUNCHED AGAINST THE LESSEE ON 23.04.2015 IN THE COURT OF S D J M, BHUBANESWAR, DISTT: KHURDA, THE STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f.27.02.2011 VIDE LETTER DATED30.09.2015.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NO PROPOSAL NO APPROVED MINING PLAN / SCHEME OF MINING	NO WORK SINCE 01.10.2001. HOWEVER IT IS SEEN ALREADY ONE PIT IS EXISTING , NEARLY 100 M LENGTH, 50 M WIDTH AND 15 M DEPTH	PROSECUTION HAS BEEN LAUNCHED AT S D J M, BHUBANESWAR ON 23.04.2015 FOR NON- COMPLIANCE OF SHOW-CAUSE NOTICE ISSUED ON 28.10.2014. BESIDES STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f .27.02.2011 VIDE LETTER DATED 30.09.2015.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NO PROPOSAL, NO APPROVED MINING PLAN / SCHEME OF MINING.	NO WORK AS THE MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER IT IS OBSERVED THAT THERE IS ONE PIT ALREADY EXIST AND THE PIT IS FILLED WITH WATER .	VIOLATION CUM SHOW-CAUSE NOTICE WAS ISSUED ON 28.10.2014. PROSECUTION WAS LAUNCHED ON 23.04.2015 DUE TO NON-COMPLIANCE IN THE COURT OF S D J M, BHUBANESWAR . BESIDES STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f.27.02.2011 VIDE THEIR LETTER DATED 30.09.2015.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NO PROPOSAL, NO APPROVED MINING PLAN / S O M	NO WORK AS MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER THERE ALREADY EXIST ONE PIT APPROXIMATE SIZE 100 M LENGTH, 50 M WIDTH & 15 M DEPTH AND THE PIT IS FILLED WITH WATER.	

3q	General remarks of inspecting officers on method of mining etc.	NO PROPOSAL , NO APPROVED MINING PLAN / S O M	NO WORK AS THE MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER IT WAS OBSERVED THAT THE METHOD OF MINING WAS FULLY MANUAL , 3 TO 4 BENCHES WERE SEEN WITH A HEIGHT APPROXIMATE 3 TO 4 M , PIT WAS FILLED WITH WATER. MINING OPERATION WAS VERY SMALL SCALE.	SHOW - CAUSE NOTICE WAS ISSUED ON 28.10.2014 UNDER RULE 12 (2) & (3) READ WITH 13 (1), 24 (1), 45(5) (a) (viii) & (b) (viii) OF MCDR, 1988. NON-COMPLIANCE OF SHOW-CAUSE , PROSECUTION WAS LAUNCHED IN THE COURT OF S D J M, BHUBANESWAR ON 23.04.2015. BESIDES STATE GOVT. DECLARED THE LEASE HAS STOOD LAP[SED w e f 27.02.2011 VIDE THEIR LETTER DATED 30.09.2015.
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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NO PROPOSAL , NO APPROVED MINING PLAN / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER THERE ALREADY EXIST A DUMP YARD ON THE WESTERN SIDE OF THE LEASE.	
4k	Specific comments of inspecting officer on waste dump management	NO PROPOSAL, NO APPROVE M P / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER THERE ALREADY EXIST ONE DUMP YARD ON THE WESTERN SIDE OF THE LEASE	SHOW-CAUSE WAS ISSUED, PROSECUTION WAS FILED IN THE COURT OF S D J M, BHUBANESWAR AND STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f 27.02.2011 VIDE THEIR LETTER DATED 30.09.2015.

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 / NO APPROVED M P / S O M	NO WORK , AS THE MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001 ORE HAS NOT BEEN EXHAUSTED FROM THE PIT, SO BACK FILLING DOES NOT ARISE.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NO PROPOSAL, NO APPROVED M P / S O M	NO WORK AS THE MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. AS THE ORE HAS NOT BEEN EXHAUSTED FROM THE PIT, BACK FILLING DOES NOT ARISE.	ALREADY SHOW-CAUSE HAS BEEN ISSUED, PROSECUTION HAS BEEN FILED AND LEASE HAS BEEN DECLARED AS LAPSED BY STATE GOVT.

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 EARLIER MINING PLAN APPROVED ON 08.10.1996 WAS VALID UP TO 31.03.2002., WITHOUT PMCP. SUBSEQUENT SCHEME OF MINING INCORPORATING PMCP HAS NOT BEEN SUBMITTED.	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NO PROPOSAL NO VALID M P / S O M INCORPORATING PMCP HAS BEEN SUBMITTED	NO PMCP PROPOSAL, NO PMCP COMPLIANCE MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001.	SHOW-CAUSE NOTICE WAS ISSUED ON 28.10.2014, PROSECUTION WAS FILED IN THE COURT OF S D J M , BHUBANESWAR ON 23.04.2015, STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f 27.02.2011 VIDE LETTER DATED 30.09.2015.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NO PROPOSAL, NO VALID M P / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NO PROPOSAL , NO VALID M P / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER IT WAS OBSERVED THAT THE GRAPHITE ORE FROM THE MINE IS OF LOW GRADE WITH MAXIMUM F. C ABOUT 20% F C.. PREVIOUSLY LESSEE WAS TAKING ALL GRADES AS LOW AS 4% TO THE BENEFICIATION PLANT , AT BELPADA ABOUT 50 KM FROM THE MINE , WHER THE ORE WAS BENEFICIATED. THERE WAS NO MINERALISED REJECT OR SUB-GRADE ORE.	SHOW-CAUSE NOTICE WAS ISSUED ON 28.10.2014, PROSECUTION WAS FILED IN THE COURT OF S D J M, BHUBANESWAR ON 23.04.2015 AND STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f.27.02.2011 VIDE THEIR LETTER DATED 30.09.2015.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO PROPOSAL	NO WORK SINCE 01.10.2001.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NO PROPOSAL, NO APPROVED M P / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. HOWEVER OUT OF TOTAL LEASE AREA ABOUT 50% OF THE AREA IS COVERED WITH AGRICULTURAL FIELD. THE M L AREA DOES NOT HAVE ANY FOREST. THE VEGETATION IS TROPICAL DRY DECIDUOUS TYPE. NO ADDITIONAL PLANTATION DONE .	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NO PROPOSAL, NO APPROVED M P / S O M	NO WORK, MINING OPERATION HAS BEEN DISCONTINUED SINCE 01.10.2001. THE MINING OPERATION IN THE MINE WAS OF VERY SMALL SCALE. THE DAMAGE TO THE ENVIRONMENT BECAUSE OF MINING IS VERY LESS.	AESTHETIC BEAUTY IN AND AROUND MINES AREA HAS BEEN MAINTAINED.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NOT SUBMITTED	MONTHLY RETURNS AND ANNUAL RETURNS SINCE LONG HAVE NOT BEEN SUBMITTED. VIOLATION CUM SHOW-CAUSE NOTICE ISSUED ON 28.10.2014 UNDER RULE 12 (2) & (3) READ WITH 13 (1) , 24 (1) AND 45 (5)(a)(viii) & (b)(viii) OF MVDR, 1988.	PROSECUTION HAS BEEN FILED IN THE COURT OF S D J M, BHUBANESWAR ON 23.04.2015. STATE GOVT. DECLARED THE LEASE HAS STOOD LAPSED w e f.27.02.2011 VIDE THEIR LETTER DATED 30.09.2015.

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
Rule 12(2)	28/10/2014		Rule 12(2)	28/10/2014	
Rule 12(3)	28/10/2014		Rule 12(3)	28/10/2014	
Rule 13(1)	28/10/2014		Rule 13(1)	28/10/2014	
Rule 24	28/10/2014		Rule 24	28/10/2014	
Rule 45(1)(a)	28/10/2014		Rule 45(1)(a)	28/10/2014	
Rule 45(1)(b)	28/10/2014		Rule 45(1)(b)	28/10/2014	

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines