

**INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/GEM/KHD/MCDR-8/BBS

Mine code : 86ORI07010

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 28/06/2015
- (v) Prev.inspection date : 12/05/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KUTINGPADAR (14.394 HA)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : KALAHANDI
Village : KUTINGPADAR
Taluka : JUNAGARH
Post office : DEDAR
Pin Code : 766014
FAX No. :
E-mail :
Phone :
- (e) Police Station :
- (f) First opening date : 17/01/2005
2. Address for : N-3/444, IRC VILLAGE
correspondance : NAYAPALLI
BHUBANESWAR
3. (a) Lease Number : ORI0781
- (b) Lease area : 14.39
- (c) Period of lease : 20
- (d) Date of Expiry : 11/01/2025
4. Mineral worked : IOLITE Main

5. Name and Address of the

Lessee : MANIKESWARI GEMS (P) LTD.
 MANIKESWARI GEMS (P) LTD.
 PLOT NO. N-3/444 IRC
 VILLAGE, BHUBANESWAR KHURDA
 ORISSA
 Phone:
 FAX :

Owner : MANIKESWARI GEMS (P) LTD.
 MANIKESWARI GEMS (P) LTD.
 PLOT NO. N-3/444 IRC
 VILLAGE, BHUBANESWAR KHURDA
 ORISSA
 Phone:
 FAX :

6. Date of approval of Mining : 03/11/2014
 Plan/Scheme of Mining

PART - II : TECHNICAL DETAILS/COMMENTS**1. Details about Average employment :**

Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
DIRECT		
Supervisory	1	
Managerial	1	

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Infrastructure					
Sub total					
Sub total					
Total					

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

NO OUTSTANDING VIOLATION

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting : and exploration i.e. pitting, drilling	TOTAL LEASE AREA (14.394 HA) EXPLORED AS PER UNFC NORMS IS AS FOLLOWS: UNDER G1 LEVEL: 0.975 HA UNDER G2 LEVEL : 0.249 HA UNDER G3 LEVEL: 0.243 HA UNEXPLORED AREA : 12.927 HA	NO EXPLORATION WORK HAS BEEN CARRIED OUT SINCE 19.03.2010 AS THE MINE IS CLOSED DUE TO LACK OF E. C
b.Total area covered :	1.457 HA	

B. Working (Rule 13)

a.Number and size of : each pit (LxWxH)	ONE PIT SIZE :150 M X 32 M X 10 M	MINE IS CLOSED SINCE 19.03.2010 DUE TO LACK OF E C.
d.Total area covered : under excavation/pits	0.750 HA	MINE IS CLOSED SINCE 19.03.2010 DUE TO LACK OF E C.

C. Waste disposal (Rule 13)

a.Location of dumps :	NORTH - WEST SIDE OF THE LEASE AREA.
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D. Production

b.Year wise : production of last five year.	MINE IS CLOSED SINCE LAST FIVE YEARS i.e. 19.03.2010 DUE TO LACK OF ENVIRONMENT CLEARANCE.
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D. Reserve

a.Reserve position as : per latest MP/MS and at the time of inspection.	RESERVE POSITION AS PER LATEST SCHEME OF MINING APPROVED ON 03.11.2014 FOR THE PERIOD 2014-15 TO 2018-19 AND AT THE TIME OF INSPECTION IS AS FOLLOWS: AS PER UNFC 121 : 0.682 MT 122 : 0.525 MT 221 : 0.170 MT	MINE IS CLOSED SINCE 19.03.2010 DUE TO LACK OF ENVIRONMENT CLEARANCE.
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333 : 0.791 MT (
 0.633 GRADE + 0.158 SG)

 TOTAL : 2.299 MT

RESERVE POSITION AS ON 01/04/2015

IOLITE

Category	Quantity in Tonnes	Grade
Proved	0	
Probable	1	121: 0.682 MT + 122: 0.525 MT = 1.207 MT AS PER
Possible	1	221: 0.170 MT + 222: 0.131 + 333: 0.791 MT= 1.192
Total	2	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
IOLITE	0	KG

6. Conservation of Mineral - both quantitative and qualitative**Minearl Rule 15**

Number of benches in ore and : THREE NUMBER OF BENCHES INCLUDING ORE AND WATE waste.

<u>Exploration data as on 31/03/ 2015</u>
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No. of Boreholes	No. of Pits	No. of Trenches
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<u>OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015</u>

Overbuden/waste removed (in m3) :

<u>Utilisation of Sub Grade Mineral and Mineral Rejects</u>
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Generated	Utilised	Stacked	(In Ton.)
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7. Environment Management - both quantitative and qualitativ**A. Land environment**

- a. Landscape. : PLAIN AREA
- b. Aesthetic environment : THE LEASE BOUNDARY WAS DEVELOPED WITH A GREEN COVER OF PLANTATION.
- d. Agriculture : THERE IS NO AGRICULTURE IS GOING ON INSIDE THE LEASE AREA.
- e. Forest(flora and fauna) : THE LEASE AREA IS TATALLY NON- FOREST.
- f. Vegetation : NO VEGETATION INSIDE LEASE EXCEPT THE PLANTATION DONE BY THE LESSEE .
- h. Public building, places and monuments (protected, historical), place of worship and places of tourist : NO MONUMENTS ETC.

B Water environment.

- a. Surface water : AS OBSERVED NO CONTAMINATION OF SURFACE WATER
- c. Quality of water : PORTABLE.
- b. Ground water : ONE BORE-WELL HAS BEEN DUG FOR DRINKING WATER

C. Air environment

- a. Noise : NO MINING OPERATION SINCE LAT 5 YEARS HENCE NO ADVERSE IMPACT.
- b. Air : NO MINING OPERATION SINCE LAST 5 YEARS HENCE NO ADVERSE IMPACT.
- c. Climatic condition : SUB-TROPICAL

D. Socio economic environment

- a. Social and demographic profile. : MOSTLY TRIBAL AND BACKWARD CLASSES.
- c. Human settlement : NO HUMAN SETTLEMENT INSIDE THE LEASE AREA.

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

<u>Water Management</u>				
Season	Station type	Station name	Parameter	Value Actual Excess

<u>Air data for excess parameters</u>				
Season	Station name	Type of area	Parameter	Value Actual Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>	<u>2014 - 2015</u>
Area in Hect.	

<u>TOP SOIL MANAGEMENT</u>
Quantity as on 31/03/2015

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

ANNUAL RETURN FORTHE YEAR 2014-15 HAS BEEN RECEIVED.

MINE IS CLOSED SINCE LAST 5 YEARS i.e. 19.03.2010 DUE TO LACK OF ENVIRONMENT CLEARANCE

PRODUCTION : NIL

COST OF OPERATION: NIL

PIT MOUTH VALUE : NIL

FIXED ASSETS : Rs.6905769 /-

PART - III : PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years - as per guidelines)

a. Compliance of terms and conditions of lease deed.

DATE OF EXECUTION OF MINING LEASE DEED 12.01.2005 FOR 20 YEARS. UPTO 11.01.2025.

DGPS MAP HAS NOT BEEN PREPARED BY OSAC OR ANY OTHER AGENCY.

BOUNDARY PILLARS ARE NOT CONSTRUCTED AND MAINTAINED AS PER CCOM CIRCULAR NO.2/2010 AND ITS SUBSEQUENT ADDENDUM DATED 21.09.2011.

SCHEME OF MINING APPROVED ON 03.11.2014 FOR THE PERIOD 2014-15 TO 2018-19.

MINING OPERATION HAS BEEN CLOSED SINCE 19.03.2010 DUE TO ENVIRONMENT CLEARANCE.

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

THE MINERALISATION WILL NOT EXHAUST WITHIN THE PRESENT PERIOD, HENCE CLOSING OPERATION IN PHASES DOES NOT ARISE.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines