

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/MB/MCDR-12/BBS

Mine code : 30ORI10012

- (i) Name of the Inspecting : **VPD**) **VIKRAM DESHPANDE**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Manoj Kumar Pal, Lessee's representative
Official with
Designation
- (iv) Date of Inspection : 05/04/2024
- (v) Prev.inspection date : 09/11/2019

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NANGALSHILA**
- (b) **Registration NO.** : **IBM/5853/2011**
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
State : ORISSA
District : MAYURBHANJ
Village : NANGALSHILA
Taluka : RAIRANGPUR
Post office : UKAM
Pin Code :
FAX No. :
E-mail : bikashchoubey7@gmail.com
Phone : 9437239426
- (f) **Police Station** :
- (g) **First opening date** : 02/02/1992
- (h) **Weekly day of rest** : SAT
2. **Address for** : VILL..NANGALSHILA
correspondance PO.UKAM
DIST: MAYURBHANJ, ORISSA,PIN 757 054
3. (a) **Lease Number** : ORI0114
(b) **Lease area** : ~~184.76~~ **45.333 Ha**
(c) **Period of lease** : 30
(d) **Date of Expiry** : ~~28/07/2001~~ **18.04.2035**
4. **Mineral worked** : IRON ORE Main

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5. Name and Address of the

Lessee : GAURISHANKAR CHOUBEY
C/O D.C.DAS AT/PO.BALDA
ROAD MAYURBHANJ ORISSA
Phone:
FAX :

Owner : G.S.CHOUBEY
C/O D.C DAS AT/PO.BALDA
ROAD MAYURBHANJ ORISSA
Phone:
FAX :

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	25/08/2006
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	03/12/2019
	:	MP review under 17(1) MCR 2016	11/06/2020

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	None	
1b	Exploration over lease area for geological axis 1 or 2	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable	
1e	Balance reserve as on 01/04/20	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	As per document approved on 11/06/2020, the proved iron reserves are under UNFC category 122: 95,868 tonnes and resources under 222: 2940 tonnes.	

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1f	General remarks of inspecting officers on geology, exploration etc	The mine arlisation observed in the lease area during field inspection is float type of iron ore deposit in nature and is found to be associated with lateritic soil.	The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable	

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	No mine developement carried out as the mine is not in working since 2009 as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances.further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015.
2c	Stripping ratio or ore to OB ratio	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable
2d	Quantity of topsoil generation in m3	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable
2e	Quantity of overburden generation in m3	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable

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2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.	

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3b	Quantity of ROM mineral production proposed	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Not Applicable
3c	Recovery of sailable/usable mineral from ROM production	Not Applicable	Nil
3d	Quantity of mineral reject generation	Not Applicable	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Nil
3f	Quantity of sub grade mineral generation.	Not Applicable	Nil
3g	Grade of sub grade mineral generation	Not Applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Applicable	Nil
3j	Provision of drilling and blasting in mineral benches	Not Applicable	Nil
3k	Provision of mining machineries in mineral benches	Not Applicable	Nil

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3l Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM Not Applicable Nil

3m Total area covered under excavation/pits Not Applicable Nil

3n Ore to OB ratio for the pit/mine during the year. Not Applicable Nil

3o Total area put in use under different heads at the end of year Not Applicable Nil

3p	Production of ROM mineral during the last five year period as applicable	2020-21-90043 t	2020-21-Nil 2021-22-Nil 2022-23-Nil 2023-24-Nil 2024-25-Nil
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3q General remarks of inspecting officers on method of mining etc.

The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.

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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)	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.	
4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	Nil	
4c	Number of dumps within lease area and outside of lease area	Not Applicable	Nil	Two Dumps viz Dump 1 and Dump-2 in the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	Beyond UPL	
4e	Number of active and alive dumps.	Not Applicable	Nil	
4f	Number of dead dumps.	Not Applicable	Nil	
4g	Number of dumps established.	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	

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4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Nil	
4j	Number of settling ponds	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	
4k	Specific comments of inspecting officer on waste dump management			The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil
5b	Area under backfilling of mined out area	Not Applicable	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil
5d	Total area fully reclaimed and rehabilitated	Not Applicable	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	<p>The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.</p>	

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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).		The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015.However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.	
6b	Area available for rehabilitation (ha) .	Not Applicable	Nil	
6c	afforestation done (ha).	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	
6d	No. of saplings planted during the year	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	
6e	Cumulative no .of plants	Not Applicable	Nil	
6f	Any other method of rehabilitation	Not Applicable	Nil	
6g	Cost incurred on watch and care during the year	Not Applicable	Nil	

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6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Applicable Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Applicable Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Applicable Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not Applicable Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Applicable Nil

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6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Applicable Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Not Applicable Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However , mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil	

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7b	Method of grade- wise mineral sorting i.e. manual or mechanical.	Not Applicable Nil	
7c	Different grade of mineral sorted out at mines.	Not Applicable Nil	
7d	Any beneficiation process at mines .	Not Applicable Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non- availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015.However , mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil
8b	Concurrent use or storage of topsoil	No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2024-25.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not Applicable	Nil
8g	Survival rate	Not Applicable	Nil

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8h Water sprinkling Not Applicable Nil
on roads to
control airborne
dust

8i General remarks
of inspecting
officer on
aesthetic beauty
in and around
mines area

The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	The mine is not in working condition as the mine operations were suspended by mining officer, Baripada circle since the year 2009 due to non-availability of statutory clearances. Further state Government of Odisha had lapsed the lease w.e.f. 18.11.2011 vide their letter dated 25.06.2015. However, mining officer, Baripada circle vide letter dated 12/01/2024 revoked suspension and allowed mining operations. The Annual Return for 23-24 is due for submission and the lessee has submitted MR of Apr 24.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Applicable Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR not due for Nil submission.
9d	Scrutiny of Annual return on afforestation	Not Applicable Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Applicable Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Applicable Nil

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Applicable Nil
9h	Scrutiny of Annual return on fixed assets	Not Applicable Nil
9k	Scrutiny of Annual return on mining machineries	Not Applicable

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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 :**(VIKRAM DESHPANDE)**

Indian Bureau of Mines