

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

Review and updation of Mining Plan REPORT

Ranchi regional office

Mine file No : BIH/GUM/BX/216/RRO

Mine code : 07BHR32014

- (i) Name of the Inspecting : **G004**) **OM PRAKASH GOPAL**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Sh. Arvind Ranjan, Geologist
Official with
Designation
- (iv) Date of Inspection : 13/12/2020
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NEW AMPTIPANI (49.27)**
- (b) **Registration NO.** : **IBM/5041/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **JHARKHAND**
- District : **GUMLA**
- Village : **AMPTIPANI**
- Taluka : **BISHUNPUR**
- Post office : **JOBHIPAT**
- Pin Code :
- FAX No. : **N.A.**
- E-mail : **N.A.**
- Phone : **06565-226016**
- (f) **Police Station** : **BISHUNPUR**
- (g) **First opening date** : **15/07/1985**
- (h) **Weekly day of rest** : **THU**
2. **Address for** : **VILL-KARKAPAT**
correspondance **BISHUNPUR**
DIST-GUMLA
3. (a) **Lease Number** : **BHR0252**
- (b) **Lease area** : **49.07**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **26/05/2035**
4. **Mineral worked** : **BAUXITE** **Main**

5. Name and Address of the

Lessee : AWADHESH KUMAR SINGH
 AT -CHANDWA LATEHAR
 JHARKHAND
 Phone:06565226016 & 9431390666
 FAX :

Owner : AWADHES KUMAR SINGH
 AT/PO-CHIRKUNDA DIST-
 DHANBAD JHARKHAND DHANBAD
 JHARKHAND
 Phone: 06552-23005,220
 FAX :

Mining Engineer

Name : DHANANJAY KUMAR SINGH,Full Time
 Qualification : AMIE(MINING), 1st Class manager Certific
 Appointment/ : 01/06/2018
 Termination date

Mining Engineer

Name : SRI G.D.TEWARY,Full Time
 Qualification : B.Tech (Min)
 Appointment/ :
 Termination date

Geologist

Name : ARBIND RANJAN,Full Time
 Qualification : M. Sc. (Applied Geolgy)
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	31/01/1997
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	22/03/2013
		Renewal under rule 24 MCR1960	22/03/2013
		MP review under 17(1) MCR 2016	12/09/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposals were envisaged in 2018-19 and 2019-20	No exploration were taken up in 2018-19 and 2019-20	-
1b	Exploration over lease area for geological axis 1 or 2	As per Mining Plan approved on 12/9/2016 total area explored upto G1 and G2 level are estimated at 5.8 ha and 11.5 ha respectively.	No exploration were taken up in 2019-20	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No such proposal	None	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No such proposal during reporting period	-	-
1e	Balance reserve as on 01/04/20	Balance Reserves as on 1/4/2016 : 507939 tonnes (111) and 993571 tonnes (122)	-	-

1f	General remarks of inspecting officers on geology, exploration etc	-	-	Bauxite bearing areas in and around the mine under reference belongs to Indian Peninsula consisting mainly of Chota Nagpur Granite gneiss associated with intrusions of quartzite and Deccan traps. Bauxitisation are the result of silica leaching from alumina rich rocks and bauxite deposits occurs in form of extensive blanket below the laterite cover. Almost entire lease area is under active cultivation covered with soil. The mine remain closed at the time of inspection.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Quarry 2 and4	No development in 2019-20 as mine remain closed.	Mine remain closed during reporting period due to ban imposed under common cause by State Govt.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	No production and development was reported during reporting period ie 2019-20	-
2c	Stripping ratio or ore to OB ratio	1:0.68	-	Mine remain closed during reporting period
2d	Quantity of topsoil generation in m3	30927 m3	NIL	Mine remain closed during reporting period

2e	Quantity of overburden generation in m3	67803 m3	NIL	Mine remain closed during reporting period due to ban imposed under common cause by State Govt.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Mine remain closed during reporting period due to ban imposed under common cause by State Govt.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two	None	Mine remain closed during reporting period due to ban imposed under common cause by State Govt.
3b	Quantity of ROM mineral production proposed	272042 tonnes	NIL	Mine remain closed during reporting period
3c	Recovery of sailable/usable mineral from ROM production	80%	-	Mine remain closed
3d	Quantity of mineral reject generation	Reject generation not envisaged	NIL	Mine remain closed
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable as Reject generation not envisaged.	-	-
3f	Quantity of sub grade mineral generation.	Not envisaged	NIL	-
3g	Grade of sub grade mineral generation	Not applicable as subgrade generation not envisaged.	-	-
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	-	Mine remain closed during reporting period

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Mine remain closed	-
3m	Total area covered under excavation/pits	15.026 ha	9.404 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	1:0.68	Mine remain closed	-
3o	Total area put in use under different heads at the end of year	Area under Mining: 15.026 ha, Dumps:0.136 ha, Infrastructure s: 0.005 ha, Roads: 1.048 ha, others: 0.5 ha	As per submitted Annual Return total area put to use at the end of 2019-20 are reported as: Already exploited and abandoned by O/C Working:9.204 ha, Current O/C Working: 0.2 ha, Dumps:0.02 ha, Infrastructures: and roads: 1.102	-
3p	Production of ROM mineral during the last five year period as applicable	2015-16- Lapse period 2016-17 - 219191 tonnes 2017-18 - 238998 tonnes 2018-19 - 257089 tonnes 2019-20 - 272042 tonnes	2015-16- 49741 tonnes 2016-17 - NIL 2017-18 - 118145 tonnes 2018-19 - 54095 tonnes 2019-20 - NIL	-
3q	General remarks of inspecting officers on method of mining etc.	-	-	Mine remain closed during reporting period due to state govt order under common cause.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal for external dumping . Concurrent backfilling followed by leveling and carpetting of top soil envisaged .	Mine remain closed and there is no generation of waste.	-
4b	Location of topsoil, OB and mineral reject dumps	Proposal for external dumping not envisaged	Mine remain closed and there is no generation of waste.	-
4c	Number of dumps within lease area and outside of lease area	There are six old dumps. Proposal for external dumping not envisaged.	Mine remain closed and no generation of waste.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	External dumping not envisaged	Mine remain closed and no generation of waste.	-
4e	Number of active and alive dumps.	None	None	-
4f	Number of dead dumps.	None	None	-
4g	Number of dumps established.	None	None	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposal	Mine remain closed	-
4i	Length of Retaining wall or garland drain all along dumps	No such proposal	-	-
4j	Number of settling ponds	None	None	-
4k	Specific comments of inspecting officer on waste dump management	Rehandling and backfilling of D3 envisaged during 2019-20.	Mine remain closed and Rehandling and backfilling not done as proposed.	-

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.	Backfilling after Full extraction of mineral	Mine remain closed during reporting period.	-
5b	Area under backfilling of mined out area	1.76 ha	NIL	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Concurrent use	Mine remain closed during reporting period.	-
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	-

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	Mine remain closed during reporing period	-
6b	Area available for rehabilitation (ha) .	1.76 ha	NIL	Mine remain closed during reporing period
6c	afforestation done (ha).	0.1 ha	NIL	Mine remain closed during reporing period
6d	No. of saplings planted during the year	250	NIL	Mine remain closed during reporing period
6e	Cumulative no .of plants	No such proposal	-	-
6f	Any other method of rehabilitation	None	None	-
6g	Cost incurred on watch and care during the year	905000/-	-	-

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	230mx90mx8m	NIL	Mine remain closed during reporing period
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposal	-	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NIL	NIL	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No such proposal	-	-

6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	-	Mine remain closed during reporting period
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	Mine remain closed during reporting period

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting	Mine remain closed	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Mine remain closed	-
7c	Different grade of mineral sorted out at mines.	Yes	Mine remain closed	-
7d	Any beneficiation process at mines	None	None	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	-

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Mine remain closed no development work	-

8b	Concurrent use or storage of topsoil	Concurrent use	Mine remain closed during reporing period	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal for dumping	Mine remain closed during reporing period	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Concurrent backfilling and restoration of land	Mine remain closed during reporing period	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Mine remain closed during reporing period	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	Mine remain closed additional plantation not seen	-
8g	Survival rate	No such proposal	-	-
8h	Water sprinkling on roads to control airborne dust	Yes	Mine remain closed during reporing period	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Annual Returns submitted	-

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sh. Gangadhar Tiwari, Mining Engineer and Arvind Ranjan Geologist	Sh. Arvind Ranjan Geologist was present at the time of inspection	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details on land use pattern for the area is furnished	Details appears to be more or less in order	-
9d	Scrutiny of Annual return on afforestation	100 saplings were planted in 2019-20	Reported saplings not seen at the time of inspection.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Reject generation is reported as NIL	Mine remain closed	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Graded ore(40 to below 45% Al2O3) closing stocks at the end of 2019-20 is reported at 12309.554 tonnes	Stocks not verified on ground as arera under stocks not shown in surface plan updated on 15/7/2020.	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale valkue is reported as NIL	NIL dispatch in reporting year	-
9h	Scrutiny of Annual return on fixed assets	Fixed assests reported as NIL	-	-
9k	Scrutiny of Annual return on mining machineries	NIL expenditure towards plant and macheneries and fuel consumption.	No macheneries were at the site at the time of inspection	-

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(OM PRAKASH GOPAL)

Indian Bureau of Mines