

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

Review and updation of Mining Plan REPORT

Bangalore regional office

Mine file No : KNT/GLB/LST/ 4/BNG

Mine code : 38KAR10015

- (i) Name of the Inspecting : **A101**) **ARUN KUMAR**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri. Rajeev Goel-Agent and K.L.Sen- Senior Mines Man
Official with
Designation
- (iv) Date of Inspection : 22/10/2019
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANKUR ML 2092 328.34HA**
- (b) **Registration NO.** : **IBM/4601/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **GULBARGA**
- Village : **BANKUR**
- Taluka : **CHITTAPUR**
- Post office : **SHAHABAD**
- Pin Code : **585229**
- FAX No. : **08474-204079 (F)**
- E-mail : **sbd.mines@jalindia.co.in**
- Phone : **08474-204010 (O),9449871650**
- (f) **Police Station** : **SHAHABAD**
- (g) **First opening date** :
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **SRI.NAVEEN KUMAR SINGH , DIRECTOR IN CHARGE ,
JAYPEE CEMENT WORKS, SHAHABAD CEMENT WORKS
P.O SHAHABAD GULBARGA DIST 585229**
3. (a) **Lease Number** : **KAR1279**
- (b) **Lease area** : **328.14**
- (c) **Period of lease** : **10**
- (d) **Date of Expiry** : **30/09/1995**
4. **Mineral worked** : **LIMESTONE** Main
- CLAY (OTHERS)** Main
- SHALE** Associated

5. Name and Address of the

Lessee : JAYPEE CEMENT CORPORATION LTD
 SHAHABAD CEMENT WORKS P.O
 SHAHABAD GULBARGA DIST
 KARNATAKA GULBARGA
 KARNATAKA
 Phone:
 FAX :

Owner : JAYPEE CEMENT CORPORATION LTD
 SHAHABAD CEMENT WORKS P.O
 SHAHABAD GULBARGA DIST
 KARNATAKA GULBARGA
 KARNATAKA
 Phone:
 FAX :

Mining Engineer

Name : N.R.PATTABHIRAMAIAH, Full Time
 Qualification :
 Appointment/ : 01/04/2010
 Termination date

Manager

Name : K.L.SEN
 Qualification : DIP.IN MINING & FCC
 Appointment/ : 01/04/2010
 Termination date

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	18/12/2008
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	21/05/2014
		Mining Scheme rule 12 MCDR1988	18/12/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	20 Core bore holes ,total meterage of 1000 mts proposed in 2016-17	No exploration carried out	Mines is not working due to want of Environmental Clearance.
1b	Exploration over lease area for geological axis 1 or 2	G1& G2	G-1-123.9 Ha. G-2-98.55 Ha. G-3-105.89 Ha.	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Exploration not carried out	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	105.89 Ha. area to be explored	Nil
1e	Balance reserve as on 01/04/20		103.218 Million Tons of Resereves & 49.197 Million Tons of resources	As per AR 2018-19
1f	General remarks of inspecting officers on geology, exploration etc			The mine is not working for want of Environmental Clearance

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Western Side N-1900303 to 1900486, E-708515 to 709023 Eastern side N-1899318 to 1899660 , E709722 to 709954	Nil	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB & mineral proposed	Nil	Nil
2c	Stripping ratio or ore to OB ratio	1:0.04	Nil	Nil
2d	Quantity of topsoil generation in m3	No proposal	Nil	Nil
2e	Quantity of overburden generation in m3	No proposal	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mine is not working for want of Environmental Clearance.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit proposed	Nil	Nil
3b	Quantity of ROM mineral production proposed	3599588 tons	Nil	Nil
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	Nil
3d	Quantity of mineral reject generation	No proposal	Nil	Nil

3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil	Nil
3f	Quantity of sub grade mineral generation.	No proposal	Nil	Nil
3g	Grade of sub grade mineral generation	No proposal	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	All blasted ROM proposed to be sent to crusher for sizing & crushing	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Drilling & blasting proposed in mineral benches	Nil	Nil
3k	Provision of mining machineries in mineral benches	Provision made for use of mining machineries in mineral benches	Nil	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height 9-10 mts, Width 25-30mts	Nil	Nil
3m	Total area covered under excavation/pits	105.58 Ha at the end of plan period	Nil	Nil
3n	Ore to OB ratio for the pit/mine during the year.	01:0.04	Nil	Nil

3o	Total area put in use under different heads at the end of year	Mining-105.58 Ha, Storage of top soil-17.40 Ha, St Buildings-1.10Ha. Roads-0.50 Ha, At the end of the plan period	Already exploited & abandoned by opencast(O/C) working-48.75 Ha, Covered under current workings-279.770 Ha	As per AR 2018-19
3p	Production of ROM mineral during the last five year period as applicable	2014-15: Nil 2015-16: -Nil 2016-17-3150665 2017-18-3150040 2018-19: -3599588 (in tonnes)	2014-15: -- 2015-16: 00 2016-17:00 2017-18:00 2018-19:00 (in tonnes)	The mine is not working for want of Environmental Clearance
3q	General remarks of inspecting officers on method of mining etc.			

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	Nil	Nil
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Nil	Nil
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	Nil
4e	Number of active and alive dumps.	No proposal	Nil	Nil
4f	Number of dead dumps.	No proposal	Nil	Nil
4g	Number of dumps established.	No proposal	Nil	Nil

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil	Nil
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management			The mine is not working for want of Environmental Clearance

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	Nil	Nil
5b	Area under backfilling of mined out area	No proposal	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mine is not working for want of Environmental Clearance.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July every year	PMCP report not submitted	No PMCP work carried out as the mine is non working
6b	Area available for rehabilitation (ha) .	No proposal	Nil	Nil
6c	afforestation done (ha).	No proposal	Nil	Nil
6d	No. of saplings planted during the year	No proposal	Nil	Nil
6e	Cumulative no .of plants	Not specified	Nil	Nil
6f	Any other method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch and care during the year	75000 Rs	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	1.00 Ha	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Afforestation proposed	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Env. monitoring proposed in core & buffer Zone	Nil	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mines is not operated due to EC issues.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	All the blasted material were proposed to be sent to crusher	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No grade wise sorting proposed	Nil	Nil

7c	Different grade of mineral sorted out at mines.	Not applicable	Nil	Nil
7d	Any beneficiation process at mines	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The mine is not working for want of Environmental Clearance.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil generated was proposed to be put at the boundary of lease & nallas passing through the lease	Nil	Nil
8b	Concurrent use or storage of topsoil	Storage in form of bund was proposed	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	Nil	Nil
8g	Survival rate	Not specified	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed	Nil	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The mine is not working for want of Environmental Clearance.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to Sep.2019 A.R. Submitted up to 2018-2019	AR submitted on 06.06.2019	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Agent- Rajiv Goel Manager Mines- K L Sen	Same mine officials were present during the course of inspection.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited & abandoned by opencast(O/C) working-48.75 Ha, Covered under current workings- 279.770 Ha	Appears to be correct	

9d	Scrutiny of Annual return on afforestation	Nil	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Rs. 45580824/-	Appears to be correct including land, Industrial & plant, machinery including transport equipment
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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 :

(ARUN KUMAR)

Indian Bureau of Mines