

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

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : UP/SONEBHADRA/LST-5

Mine code : 38UPR56001

- (i) Name of the Inspecting : **K006**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sh Atul Gahrana (Geologist & QP), Surveryor
Official with
Designation
- (iv) Date of Inspection : 27-OCT-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DALLA (KAJRAHAT) (751.0HA)**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : UTTAR PRADESH
District : SONBHADRA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date : 01-FEB-07
- (h) Weekly day of rest : SUN
2. Address for : M/S JAIPRAKASH ASSOCIATES LIMITED
correspondance : DALLA CEMENT FACTORY, VILL. KOTA, P.O. DALLA,
DISTT. SONEBHADRA (U.P.)
3. (a) Lease Number : UPR0007
- (b) Lease area : 751
- (c) Period of lease : 20
- (d) Date of Expiry : 30-APR-16
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : JAIPRAKASH ASSOCIATES LIMITED
P.O.DALLA, DISTT.
SONEBHADRA (U.P.) 231207
SONBHADRA UTTAR PRADESH
Phone:
FAX :

Owner : JAIPRAKASH ASSOCIATES LIMITED
P.O.DALLA, DISTT.
SONEBHADRA (U.P.) 231207
SONBHADRA UTTAR PRADESH
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 28-AUG-07
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	NA	No approved document for the RY.
1b	Exploration over lease area for geological axis 1 or 2	NA	NA	No approved document for the RY.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	No approved document for the RY.
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	No approved document for the RY.
1e	Balance reserve as on 01/04/20	NA	NA	No approved document for the RY.
1f	General remarks of inspecting officers on geology, exploration etc			Dip of litho units varies from 35o to 85o and area is undergone to extensive Folding and Faulting. Bedded, Stratiform and Tabular Deposits of Irregular Habit.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	NA	NA	No approved document for the RY.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	No approved document for the RY.

2c	Stripping ratio or ore to OB ratio	NA	NA	No approved document for the RY.
2d	Quantity of topsoil generation in m3	NA	NA	No approved document for the RY.
2e	Quantity of overburden generation in m3	NA	NA	No approved document for the RY.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	No approved document for the RY.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	NA	No approved document for the RY.
3b	Quantity of ROM mineral production proposed	NA	NA	No approved document for the RY.
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	No approved document for the RY.
3d	Quantity of mineral reject generation	NA	NA	No approved document for the RY.
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	No approved document for the RY.
3f	Quantity of sub grade mineral generation.	NA	NA	No approved document for the RY.
3g	Grade of sub grade mineral generation	NA	NA	No approved document for the RY.

3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	No approved document for the RY.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	No approved document for the RY.
3j	Provision of drilling and blasting in mineral benches	NA	NA	No approved document for the RY.
3k	Provision of mining machineries in mineral benches	NA	NA	No approved document for the RY.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	No approved document for the RY.
3m	Total area covered under excavation/pits	NA	NA	No approved document for the RY.
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	No approved document for the RY.
3o	Total area put in use under different heads at the end of year	NA	NA	No approved document for the RY.
3p	Production of ROM mineral during the last five year period as applicable	NA	NA	No approved document for the RY.
3q	General remarks of inspecting officers on method of mining etc.			No approved document for the RY.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NA	No approved document for the RY.
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	No approved document for the RY.
4c	Number of dumps within lease area and outside of lease area	NA	NA	No approved document for the RY.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	No approved document for the RY.
4e	Number of active and alive dumps.	NA	NA	No approved document for the RY.
4f	Number of dead dumps.	NA	NA	No approved document for the RY.
4g	Number of dumps established.	NA	NA	No approved document for the RY.
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA	No approved document for the RY.
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	No approved document for the RY.
4j	Number of settling ponds	NA	NA	No approved document for the RY.
4k	Specific comments of inspecting officer on waste dump management			No approved document for the RY.

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.	NA	NA	No approved document for the RY.
5b	Area under backfilling of mined out area	NA	NA	No approved document for the RY.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	No approved document for the RY.
5d	Total area fully reclaimed and rehabilitated	NA	NA	No approved document for the RY.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	No approved document for the RY.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NA	NA	No approved document for the RY.
6b	Area available for rehabilitation (ha) .	NA	NA	No approved document for the RY.
6c	afforestation done (ha) .	NA	NA	No approved document for the RY.
6d	No. of saplings planted during the year	NA	NA	No approved document for the RY.

6e	Cumulative no .of plants	NA	NA	No approved document for the RY.
6f	Any other method of rehabilitation	NA	NA	No approved document for the RY.
6g	Cost incurred on watch and care during the year	NA	NA	No approved document for the RY.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	No approved document for the RY.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	No approved document for the RY.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	NA	NA	No approved document for the RY.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	No approved document for the RY.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	No approved document for the RY.

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	No approved document for the RY.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	No approved document for the RY.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	No approved document for the RY.
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	No approved document for the RY.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No approved document for the RY.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	No approved document for the RY.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	No approved document for the RY.
7c	Different grade of mineral sorted out at mines.	NA	NA	No approved document for the RY.

7d	Any beneficiation process at mines .	NA	NA	No approved document for the RY.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No approved document for the RY.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	No approved document for the RY.
8b	Concurrent use or storage of topsoil	NA	NA	No approved document for the RY.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	No approved document for the RY.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	No approved document for the RY.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	No approved document for the RY.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	No approved document for the RY.
8g	Survival rate	NA	NA	No approved document for the RY.
8h	Water sprinkling on roads to control airborne dust	NA	NA	No approved document for the RY.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No approved document for the RY. No mining or allied activities observed in the lease area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		As per office records, no Annual Returns submitted for the mine	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	NA	No annual returns submitted for RY
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	No annual returns submitted for RY
9d	Scrutiny of Annual return on afforestation	NA	NA	No annual returns submitted for RY

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	No annual returns submitted for RY
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	No annual returns submitted for RY
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	No annual returns submitted for RY
9h	Scrutiny of Annual return on fixed assets	NA	NA	No annual returns submitted for RY
9k	Scrutiny of Annual return on mining machineries	NA	NA	No annual returns submitted for RY

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 :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines