

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST/372

Mine code : 38MPR35346

- (i) Name of the Inspecting : **G004**) **OM PRAKASH GOPAL**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Ramjash Patel, Lessee's representative
Official with
Designation
- (iv) Date of Inspection : 31-MAY-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LAKHANWAH**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village : LAKHANWAH
Taluka : KOTAR
Post office : LAKHANWAH
Pin Code : 485228
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date : 31-JAN-19
- (h) Weekly day of rest :
2. Address for :
correspondance :
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the
Lessee : SANJEEV KUMAR PATHAK
CHANAKY PURI SEMARIA CHOWK,
SANTA (M.P.) 485001 SATNA
MADHYA PRADESH
Phone:N. A.
FAX :N. A.
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid document for the previous year	NIL	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal	-	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	-	-
1e	Balance reserve as on 01/04/20	Reserves as on 1/4/2012 : 173564 tonnes	Reserves as on 1/12/2018 : 146394 tonnes	-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Limestone deposit of the are belongs to Bhandar Group of Vindhyan System. Deposit is of stratified stratabound tabular deposit of irregular habit.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid and approved document for reporting period	Mine remain closed for want of EC and valid document	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid and approved document for reporting period.	Mine remain closed for want of EC and valid document	-

2c	Stripping ratio or ore to OB ratio	No valid and approved document for reporting period.	Mine remain closed for want of EC and valid document	-
2d	Quantity of topsoil generation in m3	No valid and approved document for reporting period	Mine remain closed for want of EC and valid document	-
2e	Quantity of overburden generation in m3	No valid and approved document for reporting period	Mine remain closed for want of EC and valid document	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	There is no valid and approved proposal for the reporting period and mine remain closed for want of EC and valid document.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid and approved document for reporting period.	Mine remain closed for want of EC and valid document.	-
3b	Quantity of ROM mineral production proposed	No valid and approved document for reporting period	Mine remain closed for want of EC and valid document.	-
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Mine remain closed	-
3d	Quantity of mineral reject generation	No proposal	Mine remain closed	-

3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Mine remain closed	-
3f	Quantity of sub grade mineral generation.	No proposal	MIne remain closed	-
3g	Grade of sub grade mineral generation	No proposal	Mine remain closed	-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	MIne remain closed	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Mine remain closed	-
3j	Provision of drilling and blasting in mineral benches	No proposal	Mine remain closed	-
3k	Provision of mining machineries in mineral benches	No proposal	MIne remain closed	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid and approved document for reporting period	MIne remain closed	-
3m	Total area covered under excavation/pits	No valid and approved document for reporting period	1.0 ha (approx)	-
3n	Ore to OB ratio for the pit/mine during the year.	No valid and approved document for reporting period	MIne remain closed	-

3o	Total area put in use under different heads at the end of year	No valid and approved document for reporting period	1.20 ha (approx)	-
3p	Production of ROM mineral during the last five year period as applicable	2014-15 - 16875 tonnes 2015-16 - 14625 tonnes 2016-17 - 20306 tonnes 2017-18 - No proposal 2018-19 - No proposal	2014-15 - 16870 tonnes 2015-16 - 10300 tonnes 2016-17 - NIL 2017-18 - NIL 2018-19 - NIL	-
3q	General remarks of inspecting officers on method of mining etc.	-	-	There is no valid and approved proposal for reporting period and mine remain closed .

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no valid and approved proposal for reporting period .	-	-
4b	Location of topsoil, OB and mineral reject dumps	There is no valid and approved proposal for reporting period .	-	-
4c	Number of dumps within lease area and outside of lease area	There is no valid and approved proposal for reporting period . .	None	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There is no valid and approved proposal for reporting period ..	-	-

4e	Number of active and alive dumps.	There is no valid and approved proposal for reporting period .	-	-
4f	Number of dead dumps.	There is no valid and approved proposal for reporting period .	-	-
4g	Number of dumps established.	There is no valid and approved proposal for reporting period .	-	-
4h	Whether Retaining wall or garland drain all along dumps are there.	There is no valid and approved proposal for reporting period .	-	-
4i	Length of Retaining wall or garland drain all along dumps	There is no valid and approved proposal for reporting period .	-	-
4j	Number of settling ponds	There is no valid and approved proposal for reporting period .	-	-
4k	Specific comments of inspecting officer on waste dump management	-	-	There is no valid and approved proposal for reporting period and mine remain closed.

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.	There is no valid and approved proposal for reporting period .	Mine remain closed	-
5b	Area under backfilling of mined out area	There is no valid and approved proposal for reporting period .	Mine remain closed	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There is no valid and approved proposal for reporting period .	Mine remain closed	-
5d	Total area fully reclaimed and rehabilitated	There is no valid and approved proposal for reporting period .	Mine remain closed	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	There is no valid and approved proposal for reporting period and mine remain closed.

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).	There is no valid and approved proposal for reporting period .	Mine remain closed	-
6b	Area available for rehabilitation (ha) .	There is no valid and approved proposal for reporting period .	Mine remain closed	-

6c	afforestation done (ha).	There is no valid and approved proposal for reporting period .	There is no valid and approved proposal for reporting period .	-
6d	No. of saplings planted during the year	There is no valid and approved proposal for reporting period .	Mine remain closed	-
6e	Cumulative no .of plants	There is no valid and approved proposal for reporting period .	Mine remain closed	-
6f	Any other method of rehabilitation	There is no valid and approved proposal for reporting period .	-	-
6g	Cost incurred on watch and care during the year	There is no valid and approved proposal for reporting period .	-	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	There is no valid and approved proposal for reporting period .	-	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	There is no valid and approved proposal for reporting period .	-	-

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	There is no valid and approved proposal for reporting period .	-	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	There is no valid and approved proposal for reporting period .	-	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	There is no valid and approved proposal for reporting period .	-	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	There is no valid and approved proposal for reporting period .	-	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	There is no valid and approved proposal for reporting period .	-	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	There is no valid and approved proposal for reporting period .	-	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	There is no valid and approved proposal for reporting period .	Mine remain closed	-

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	There is no valid and approved proposal for reporting period and mine remain closed.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There is no valid and approved proposal for reporting period .	MIne remain closed	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There is no valid and approved proposal for reporting period .	-	-
7c	Different grade of mineral sorted out at mines.	There is no valid and approved proposal for reporting period .	MIne remain closed	-
7d	Any beneficiation process at mines .	There is no valid and approved proposal for reporting period .	None	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	There is no valid and approved proposal for reporting period and mine remain closed

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8b	Concurrent use or storage of topsoil	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There is no valid and approved proposal for reporting period .	-	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8g	Survival rate	There is no valid and approved proposal for reporting period .	-	-

8h	Water sprinkling on roads to control airborne dust	There is no valid and approved proposal for reporting period .	Mine remain closed	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	There is no valid and approved proposal for reporting period and mine remain closed.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Non working mine. AR not submitted for reporting period.	Mine remain closed for want of EC and valid document	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Non working mine. AR not submitted for reporting period.	-	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR not submitted for reporting period.	-	-
9d	Scrutiny of Annual return on afforestation	AR not submitted for reporting period.	-	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AR not submitted for reporting period.	-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR not submitted for reporting period.	-	-

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR not submitted for reporting period.	-	-
9h	Scrutiny of Annual return on fixed assets	AR not submitted for reporting period.	-	-
9k	Scrutiny of Annual return on mining machineries	AR not submitted for reporting period.	-	-

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