

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LIMESTONE-345

Mine code : 38MPR35318

- (i) Name of the Inspecting : C004) ROBERT SIMON C
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with : S.P.Sharma (Mines Head)
Designation
- (iv) Date of Inspection : 03-DEC-21
- (v) Prev.inspection date : 12-JAN-18

PART-I : GENERAL INFORMATION

1. (a) Mine Name : CHORMARI DEGARAHAAT
- (b) Registration NO. :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village : CHORMARI & DEARHAT
Taluka : RAMPUR BAGHELAN
Post office : CHORMARI
Pin Code : 485115
FAX No. : -
E-mail : -
Phone : -
- (f) Police Station : -
- (g) First opening date : 14-AUG-07
- (h) Weekly day of rest : SUN
2. Address for : JAYPEENAGAR
correspondance : DISTRICT-REWA
M.P.
3. (a) Lease Number : MPR2253
- (b) Lease area : 102.98
- (c) Period of lease : 30
- (d) Date of Expiry : 13-AUG-37
4. Mineral worked : LIMESTONE Main

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5. Name and Address of the

Lessee : JAIPRAKASH ASSOCIATES LIMITED
JAYPEE SIDHI CEMENT PLANT,
P.O. BHARATPUR, DIST. SIDHI
(M.P.) SIDHI MADHYA PRADESH
Phone:276701, 276714
FAX :07802-276715

Owner : JAIPRAKASH ASSOCIATES LIMITED
JAYPEE SIDHI CEMENT PLANT,
P.O. BHARATPUR, DIST. SIDHI
(M.P.) SIDHI MADHYA PRADESH
Phone: 07802- 276701,
FAX : 07802-276715

Agent : NONE
UNIDENTIFIED MADHYA
PRADESH
Phone:
FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	12-JUN-15
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	15-FEB-18

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	not proposed	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	
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	G 2 (Ha)- 49.0 HA G3 (Ha)-53.983	
1e	Balance reserve as on 01/04/20		122- 3.35 MT	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	2719050 to 2719365 N 512750 to 513050 E	2719050 to 2719365 N 512750 to 513050 E	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	OBS-1, UMS-1, UGL-1	OBS-1, UMS-1, UGL-1	
2c	Stripping ratio or ore to OB ratio	1:0.4	1:0.61	
2d	Quantity of topsoil generation in m3	22500	3537	
2e	Quantity of overburden generation in m3	84000	44237	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	01	01
3b	Quantity of ROM mineral production proposed	210000 MT	71634 MT
3c	Recovery of sailable/usable mineral from ROM production	100%	100%
3d	Quantity of mineral reject generation	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA
3f	Quantity of sub grade mineral generation.	Nil	Nil
3g	Grade of sub grade mineral generation	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA
3j	Provision of drilling and blasting in mineral benches	Yes	As per proposal
3k	Provision of mining machineries in mineral benches	Yes	mining machineries in mineral benches deployed
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	yes

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3m	Total area covered under excavation/pits	22500 sq. m	20100 sq. m
3n	Ore to OB ratio for the pit/mine during the year.	1:0.4	1:0.61
3o	Total area put in use under different heads at the end of year	13.12 ha	3.8586 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18 0 2018-19 0 2019-20 0 2020-21 210000 MT	2017-18 0 2018-19 0 2019-20 0 2020-21 71634 MT

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	
4b	Location of topsoil, OB and mineral reject dumps	in the southern part of the lease	in the southern part of the lease	
4c	Number of dumps within lease area and outside of lease area	03	03	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within upl	within upl	
4e	Number of active and alive dumps.	03	03	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	

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4i	Length of Retaining wall or garland drain all along dumps	NA	NA
4j	Number of settling ponds	Nil	Nil

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.	Not proposed	NA	
5b	Area under backfilling of mined out area	0.5 ha	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	For backfilling	Nil	
5d	Total area fully reclaimed and rehabilitated	0.5 ha	Nil	

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).	yes	Submitted online	
6b	Area available for rehabilitation (ha) .	Not proposed	Nil	
6c	afforestation done (ha).	0.5 ha	Nil	
6d	No. of saplings planted during the year	Not proposed	Nil	
6e	Cumulative no .of plants	Not proposed	Details not available	

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6g	Cost incurred on watch and care during the year	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA

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6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	Not proposed	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch proposed	ROM mineral dispatch done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	NA	NA	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	utilization of topsoil not proposed	Nil	
8b	Concurrent use or storage of topsoil	Not proposed	storage of topsoil done	

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Separate dumps for overburden maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling proposed	Area not mature enough to carryout backfilling.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Phased restoration, reclamation and rehabilitation of lands by backfilling proposed	Area not mature enough to carryout backfilling.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Nil	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Yes	Water sprinkling on roads to control airborne dust done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mine area is moderate.

Compliance of Rule 45:

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

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Mining Engineer- Satish Kumar Verma Geologist- Vipin Gautam Manager- M.K.Singh
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Covered under mine workings-2.01 ha Waste disposal-0.26 ha
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	Given	Exmine price-Rs.295.98
9h	Scrutiny of Annual return on fixed assets	Given	Rs.652895893.
9k	Scrutiny of Annual return on mining machineries	Given	Shovel- 1 No Dumper-4 Nos.

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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 :

(ROBERT SIMON C)

Indian Bureau of Mines