

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Kubri Limestone,Bauxite & Clay Mine 69.301hect 03.08.2024 Robert Simon C - Assistant Controller of Mines ,Jabalpur Region,IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	69.301 Hect. Revenue Land
3	Mine code	38MPR35217
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/9206/2012
5	Name of the Lease, Address, Phone, email.	M/S Sukhdeo Prasad Goenka Prop. Mr. Anand Goenka, Goenka Bhawan, Station Road Katni.Ph. No. 7389896380
6	Village	Kubri
7	Taluka/Mandal	Maihar
8	District	Satna
9	State	Madhya Pradesh
10	Post Office	Maihar
11	Nearest Police Station	Kymore
12	Nearest Railway Station	Jhukehi
13	Date of Grant of Mining Lease	15.05.2003
14	Date of Execution	19.08.2014
15	Date of opening of Mine	16.04.2021
17	Date of First Renewal, if applicable and its period & expiry	NA
18	Date of Second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Anand Goenka, Goenka Bhawan Station Road Katni.Ph. no. 7389896380
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Gunjan Goenka Goenka Bhawan Station Road Katni Katni, M.p.9425152024,10.07.2021
22	Name of the Mining Engineer, Qualification and total experience with address, phone, email and date of appointment in the mine	Naveen Soni (B.Tech Mining), IInd Class Certificate of Competency; DOA: 01.07.2024
23	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr.Anuj Katiyar(M.Sc Geologist.) DOA:05.04.2024
24	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	No. E 10269 MCDR-MPC0LST/7/2024-JBP-IBM_RO_JBP. Dt.10/05/2024.
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	NA
26	Mineral(s) granted in lease and approved for Mining	Limestone
27	Method of Mining (Opencast, Underground)	Opencast
28	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
29	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
02	Exploration over lease area for Geological axis 1 or 2.	07 boreholes	13 boreholes	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	40.96 Ha to be explored in G-1	G-1: 28.34 ha; 40.96 Ha to be explored in G-1	
1e	Balance reserves as on 01.04.2023	Not specified	122-25796723.9Ton(Limestone)	
1f	General remarks of Inspecting officer on geology, exploration etc.	Geology of the lease area predominantly occupied by Top soil, Lateritic soil, shale and limestone if one move from top to bottom. The entire litho unit belongs to Bhandar limestone. The top soil horizon varying from 1.5 meter 3.5 meter from the ground level.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Northern part of lease	Northern part of lease	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in overburden and mineral proposed	Separate benches in overburden and mineral maintained	
2c	Stripping ratio or ore to OB ratio	1:0.021	1:0.02	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	19144	3990	Production was done basis of EC and CTO approved quantity . Hence waste quantity is generated less.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Lesser development due to non-enhancement of EC and CTO as per approved proposals. Further the development for the year 2023-24 were carry forwarded to the year 2024-25 in the recently approved Mining Plan dt. 10/05/2024.		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed (2023-24)	909341 tones	190566 tones	Approved EC is for 210803 T. Further the development for the year 2023-24 were carry forwarded to the year 2024-25 in the recently approved Mining Plan dt. 10/05/2024.

3c	Recovery of Salable/usable mineral from ROM production	100 %	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	NA	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanized method	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Yes	As per proposal	
3k	Provision of mining machineries in mineral benches	Yes	As per proposal	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Found suitable	
3m	Total area covered under excavation /pits	4.53 ha	0.65 ha	Delay in EC enhancement.
3n	Ore to OB ratio for the pit/mine during the year	1:0.021	1:0.02	
3o	Total area put in use under different heads at the end of year	10.974 ha	1.47 ha	Delay in EC enhancement.
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	Nil	Nil
		2020-21	22965	Nil
		2021-22	600780	121283
		2022-23	794295	142325
		2023-24	909341	190566
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using HEMM with deep-hole drilling with combination of loaders and tippers.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of OB proposed.	Separate dumping of OB maintained.	
4b	Location of topsoil, OB & mineral reject dumps	North western part of lease	North western part of lease	
4c	Number of Dumps within lease area and outside lease area	01	01	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	North western part of lease	North western part of lease	
4e	Number of Active & Alive dumps	01	01	
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	Not proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management	OB generated is being dumped in the North western part of lease area.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting back filling	Nil	Nil	
5b	Area under back filling of mined out area	NA	NA	No mined out area is available for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No mined out area is available for backfilling & reclamation.		

Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	Yes	Submitted on Time.	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Nil	Nil	

	ii) Afforestation done (ha)	0.01	0.01	
	iii) No.of saplings planted during the year		130	
	iv) Cumulative no. of plants	Not specified	200(approx.)	
	v) Any other specific method of rehabilitation	Nil	Nil	
	vi) Cost incurred on watch & care during the year	NA	NA	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	NA	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Periodical Environment monitoring proposed.	Carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Backfilling, reclamation, and rehabilitation are not currently applicable as there are no mined-out areas available at present. Only plantation proposals are given.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatch	ROM mineral dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7c	Different grade of mineral sort out at mine	Nil	Nil	
7d	Any beneficiation process at mines	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Beneficiation process not adopted at mines. ROM mineral dispatch being done.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Separate dumps for overburden proposed	Separate dumps for overburden maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Separate dumps for overburden proposed	Separate dumps for overburden maintained	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Yes	130 saplings	
8g	Survival rate	Not specified	60%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling on roads to control airborne dust done.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is fair.		

Compliance of rule 45

Sl.N	Item	Proposals	Actual Work	Remarks
9a	Status of submission of monthly and Annual returns	Returns are submitted on time.	Returns are submitted on time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager & Mining Engineer in charge: Neeraj Mishra Geologist in charge : Moin Khan	Mining Engineer Neeraj Mishra replaced by Naveen Soni (B.Tech Mining), IInd Class Certificate of Competency; since 01.07.2024 and Geologist in charge : Moin Khan replaced by Mr.Anuj Katiyar(M.Sc Geologist.) since 05.04.2024.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	(i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000 (ii) Covered under current (O-C) Workings 0.000 0.650 0.650 (iii) Reclaimed-rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.000 0.000 (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.010 0.010 (vi) Used for any other purpose (specify) Mineral stack and dump area 0.000 0.810 0.810	
9d	Scrutiny of Annual return on afforestation	Given	i) Number of trees planted during the year 100 30 ii) Survival rate in percentage 60 40 iii) Total no. of trees at the end of the year 60 12	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Given	Cement grade limestone Opening stock : 108487.23; Production : 190566.01 Cement Grade Lst.Despatch:203618.11; Closing stock : 95435.13	
9g	Scrutiny of Annual return on sale value, Ex Mine price & production costs	Given	Cost of production & Ex mine price – Rs. 311.77	
9i	Scrutiny of Annual return on Fixed assets	Given	The Value of Fixed Asset is mentioned as Rs. 15162320.	
9k	Scrutiny of Annual return on mining Machineries	Nil	Nil	Most of the excavation works are outsourced.

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- No significant violation observed as the shortage in excavation/production & development were due to non-enhancement of EC and land acquisition related issues. Further the said backlog for the year 2023-24 were carry forwarded to the year 2024-25 in the recently approved Mining Plan dt. 10/05/2024.

Date:

Robert Simon C

Assistant Controller of Mines