

INSPECTION DATASHEETGeneral

S.N.	Particulars	Details
1	Name of the Mine	Kubri Limestone,Bauxite & Clay Mine
	Date of Inspection:	69.301hect
	Name of Inspecting Officer	16.03.2023 Robert Simon C (ACOM)
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 and fax number	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	Pin code	
10	State	Madhya Pradesh
11	Post Office	Maihar
12	Nearest Police Station	Kymore
13	Nearest Railway Station	Jhukehi
14	Date of Grant of Mining Lease	15.05.2003
15	Date of Execution	19.08.2014
16	Date of opening of Mine	16.04.2021
17	Date of First Renewal, if applicable and its period & expiry	Nill
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
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 Mine Manager with Address, phone, email, fax number and date of appointment in mines	Kripa Shankar Gautam. Bhawan Station Road Katni Katni.
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Kripa Shankar Gautam. Bhawan Station Road Katni Katni.
	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr.Vinod Kushwaha M.S.C. Geologist Bhopal , M.p.,8770386490,20.05.2021

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24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	MP/Satna/Limestone/RMP-20/2020- 21,3313,Date-04.12.2020
26	Date of Approval of Scheme of	04.12.2020

1/14122/2023	Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	
27	Mineral(s) granted in lease and approved for Mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	A
30	Captive/Non-Captive	Non-Captive
31	Date of Previous Inspection: VL issued	05-11-2020(N.K. Katariya, DCOM) 11(1),26(2),33,45(5).

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	05 boreholes	04 boreholes	Violation pointed out under Rule 11(1).
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	-	G2-69.301 Ha to be explored in G-1.	-
1e	Balance reserves as on 01.04.2022	-	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. All the 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	In northern part of the lease	In northern part of the lease	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes	Maintained	
2c	Stripping ratio or ore to OB ratio (2021-22)	1:0:02	1:0:01	
2d	Quantity of topsoil generation in m ³ (2021-22)	NA	NA	
2e	Quantity of overburden generation in	12648	2253 m ³	Violation pointed out

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1/14122/2023 m (2021-22)	intercalated waste proposed	under Rule 11(1).
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Only 2253 m ³ & 2253 m ³ of intercalated waste is generated against the proposal of 12648 m ³ & 16722 m ³ of intercalated waste proposed for the years 2021-22 & 2022-23 respectively. Hence, Violation pointed out under Rule 11(1).

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed (2021-22)	600780.00	121283.00	Violation pointed out under Rule 11(1).
3c	Recovery of Salable/usable mineral from ROM production	100	100	
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral reject generation and threshold value declared	Not specified	Cement Grade Limestone	
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	Mechanized	
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	Proposed	As per proposal	
3k	Provision of mining machineries in mineral benches	Proposed	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	Not specified	6.410 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0:02	1:0:01	
3o	Total area put in use under different heads at the end of year	Not specified	8.9 ha approx..	
		2019-20	Nil	Nil
		2020-21	22965	Nil
		2021-22	600780	121283

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I/14122/2023	2022-23	794295	142325	
3q	General remarks of inspecting officer on method of mining etc	Only 121283 tonnes of Limestone is produced against the proposal of 600708 tonnes for the year 2021-22. Only 142325 tonnes of Limestone is produced against the proposal of 794295 tonnes for the year 2022-23. Violation pointed out under Rule 11(1).		

**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 done	
4b	Location of topsoil, OB & mineral reject dumps	02 OB dumps in Northwestern part of the pit	02 OB dumps in Northwestern part of the pit	
4c	Number of Dumps within lease area and outside lease area	02	02	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	
4e	Number of Active & Alive dumps	02	02	
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	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	01	01	
4k	Specific comments of inspecting officer on waste dump management			

**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 backfilling	Not proposed	Not done	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not done	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area not mature enough to start backfilling & reclamation etc		

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	PMCP report for the year 2021-22 is not furnished	Violation pointed out under Rule 11(1).
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	1.2	PMCP report not submitted	Violation pointed out under Rule 11(1).
	ii) Afforestation done (ha)	1.2	PMCP report not submitted	Violation pointed out under Rule 11(1).

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I/14122/2023	iii) No.of saplings planted during the year	1000	250	Violation pointed out under Rule 11(1).
	iv) Cumulative no. of plants	Not specified	NA	
	v) Any other specific method of rehabilitation	NA	NA	
	vi) Cost incurred on watch & care during the year	NA	NA	

1/14/2023	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	Not proposed	Nil	
	6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not proposed	Nil	
	6e	Compliance of Environment monitoring (core zone & buffer zone)	proposed	Carried out	
	6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Only 250 nos of saplings planted against the proposal of 1000 plants. Also PMCP report for the year 2021-22 is not furnished. Hence, Violation pointed out under Rule 11(1) & 26(2).		

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	Not proposed	Nil	-
7c	Different grade of mineral sort out at mine	Not specified	Cement Grade Limestone	-
7d	Any beneficiation process at mines	Not proposed	Nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No beneficiation process at mines adopted.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	Nil	-
8b	Concurrent use or storage of topsoil	NA	NA	-

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I/14/2023	8c Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Separate dumping of OB proposed	Separate dumping of OB done	-
	8d Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling not yet proposed	Not done	-

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1/14/2023	8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	-
	8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	1000 plantation proposed	250 plantation done	Violation pointed out under Rule 11(1).
	8g	Survival rate	Not proposed	NA	-
	8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust proposed	Water sprinkling on roads to control airborne dust carried out.	-
	8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area needs improvement.		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Submitted online	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Geologist - Vinod Kushwaha	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Already exploited & abandoned by opencast (O/C) 0.00 (ii) Covered under current (O/C) Workings 6.410 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 2.250 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.220 (vi) Other Purpose (0) 0.000 (vii) Work done under progressive mine closure plan during the 0.021	-
9d	Scrutiny of Annual return on afforestation	(i) Number of trees planted during the year 75 & 25 (ii) Survival rate in percentage 30.00	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	NA	-
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Opening stock-0.00 Production-121283.100 Closing stock-0.00	-
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Ex-Mine price-292.00 Production cost-286	-
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets (in ₹) 15258130	-

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1/14/2023	9k Scrutiny of Machinerie s	Annual return on mining	Nil	-
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Name: Robert Simon C

Designation: Assistant Controller of Mines.