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**General**

S.N.	Particulars	Details
1	Name of the Mine	Pondi Limestone Mine
	Date of Inspection:	25.04.2022
	Name of Inspecting Officer	Madhavrao Sabre
2	Total Lease Area (Ha) with breakup of non-forest and forest land	38.84(HA.) Previous inspection on 01 June 2019
3	Mine code	38MPR47097
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15253/2013
5	Name of the Lease, Address, Phone, email and fax number	SHRI SHYAMLAL KOL R/O VILLAGE KUTHLA, KATNI(M.P.) PIN 483501 9300512088, newminerals1@yahoo.com
6	Village	PONDI
7	Taluka/Mandal	DHEEMARKHARRA
8	District	KATNI
9	Pin code	483501
10	State	MP
11	Post Office	BICHUA
12	Nearest Police Station	NIWAR
13	Nearest Railway Station	NIWAR
14	Date of Grant of Mining Lease	20/03/2002
15	Date of Execution	05/04/2002
16	Date of opening of Mine	05/04/2002
17	Date of First Renewal, if applicable and its period & expiry	09/06/2015-16 TO 2016-17
18	Date of Second Renewal, if applicable and its period & expiry	02/072019,2019-20 TO 2021-22
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	MP/KATNI/LST/RMP-16/22-23/07/06/22
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	SHRI SHYAMLAL KOL R/O VILLAGE KUTHLA, TESHIL,DISTRICT- KATNI (M.P.), KATNI(M.P.) PIN 483501 newminerals1@yahoo.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	M.M. GOSAVI , GARHA RAILWAY CROSS HOUSE NO.6, KACHHAPURA JABALPUR
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	SHIVDHAN VISHWAKARMA (B.TECH) WARD NO. 13 GRAM KARITLAI /POST KARITLAI TEHSHIL VIJAYRAGHAVGARH KATNI (MP)
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes appointed.
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	07/06/2022,(2022-23 TO 2026-27) MP/KATNI/LST/RMP-16/22-23/07/06/22
26	Date of Approval of Scheme of 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 & DOLOMITE MINE
28	Method of Mining (Opencast, Underground)	OPENCAST
29	Category (Fully Mechanized, Others or Manual)	A
30	Captive/Non-Captive	NON-CAPTIVE

**Exploration**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	16 Boreholes proposed	Nil	Violation pointed
1b	Exploration over lease area for Geological axis 1 or 2.	Over entire lease	Nil	Violation Pointed
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	38.84	Nil	
1e	Balance reserves as on 01.04.2023	515905	515905	
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration work was not taken up as per proposal so violation pointed.		

**Development**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2616440 to N 2616480, E 441100 TO E441350	Done as per proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	NIL	1	
2c	Stripping ratio or ore to OB ratio	1:0.20	1:0.20	
2d	Quantity of topsoil generation in m <sup>3</sup>	4800 m <sup>3</sup>	2500 m <sup>3</sup>	
2e	Quantity of overburden generation in m <sup>3</sup>	5688 m <sup>3</sup>	3560 m <sup>3</sup>	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development is done as per proposal		

**Exploitation**

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	PIT – A,B & C	PIT – A,B & C	
3b	Quantity of ROM mineral production proposed (2021-22)	63990 T	9250 T	Violation pointed for Short fall
3c	Recovery of Salable/usable mineral from ROM production	90% (45 % for Limestone and 45 % for Dolomite)	As per proposal	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
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	-	-	
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	
3k	Provision of mining machineries in mineral benches	Yes	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, benches of 6 m height proposed.	Yes	
3m	Total area covered under excavation /pits	2.1 Ha	1.9 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.20	1:0.20	
3o	Total area put in use under different heads at the end of year		Pits :1.9 Ha OB Dump :0.21 Ha	

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3p	Production of ROM mineral during last five-years period, as Applicable	2018-19			
		2019-20	110275	NIL	
		2020-21	70632	NIL	
		2021-22	63990	9250	
		2022-23	94595	12450	
3q	General remarks of inspecting officer on method of mining etc	Very less Production and dispatches were done , for which violations were pointed.			

#### Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Not done	Violation pointed out.
4b	Location of topsoil, OB & mineral reject dumps	N -23 <sup>0</sup> 39'31.09'' E - 80 <sup>0</sup> 25'18.82''	N -23 <sup>0</sup> 39'31.09'' E - 80 <sup>0</sup> 25'18.82''	
4c	Number of Dumps within lease area and outside lease area	14	14	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	3	3	
4e	Number of Active & Alive dumps	1	1	
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps established	1	1	
4h	Whether Retaining wall or garland drain all along dumps are there	-	-	
4i	Length of Retaining wall or garland drain all along dump	Garland Drain 893 m	Garland Drain 750 m	
4j	Number of settling ponds	1	1	
4k	Specific commends of inspecting officer on waste dump management	At some places dumping of OB and top soil was done at same place. For which violation pointed.		

#### 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	-	Mining is in very nascent stage.	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	-	Used in plantation work	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	At present no pit was fully exploited so backfilling not taken up.		

#### 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	Yes	
6b	Management of worked/mined out benches	-	-	
	i) Area available for rehabilitation (Ha)	Nil	0.10	
	ii) Afforestation done (ha)	540	Nil	Violation pointed.

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	iii) No .of saplings planted during the year			
	iv) Cumulative no. of plants	-	50	
	v) Any other specific method of rehabilitation	-	-	
	vi) Cost incurred on watch & care during the year	-	-	
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	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	560 Saplings proposed for plantations.	Nil plantation done	
6e	Compliance of Environment monitoring (core zone & buffer zone)	core zone & buffer zone is safe	Yes done regularly	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Environmental monitoring carried out on quarterly basis. Plantation of 560 sapling were proposed in 2021-22 which was not done so violation pointed.		

### 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	Cement grade Limestone	Cement grade Limestone	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Cement Grade limestone is being mined from the lease area. Beside this dolomite is also present in the lease area.		

### Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Yes	Stored in 7.5 m barrier and used in plantation.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Yes	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Overburden	Yes	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-	-	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	-	Yes	
8g	Survival rate	80%	20%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Sprinkling of water by water tanker is done regularly on haul roads.		

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Yes, have submitted in time.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes. Geologist : Abhineesh Kumar Patel, Mining Engineer : Rishabh Edward.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes furnished. Pits :1.9 Ha OB Dump :0.21 Ha Mineral Stack: 1.3 Ha	Nil
9d	Scrutiny of Annual return on afforestation	Yes furnished.	Nil
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	Yes furnished , 13545 tonnes of limestone stock was there.	Nil
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Yes furnished	Nil
9i	Scrutiny of Annual return on Fixed assets	Yes furnished.	Nil
9k	Scrutiny of Annual return on mining Machineries	Yes furnished.	Nil