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MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of the Mine	Adegaon Limestone and Dolomite Mine
2	Name of Inspecting officer,	A.K.Patel AMG ,
3	Date of inspection	26.6.2023
4	Year for which inspection done	2022-23
5	Inspection with	Mr.Dhirendra Kumar Singh,Mines Manager
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	9.97 Ha Govt. Revenue Non Forest Land
7	Minecode	38 MSH 26039
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/475/2011
9	Name of the lessee, Address, phone, email and fax number	M/s Eshan Minerals Pvt Lts (Mr.RajkumarAgrawal)
10	Village	Adegaon
11	Taluka/Mandal	ZariJamani
12	District	Yawatmal
13	Pincode	445304
14	State	Maharashtra
15	Post office	Mukutban
16	Nearest police station	Mukutban
17	Nearest Railway station	Kayar
18	Date of Grant of Mining Lease	02.01.2003
19	Date of Execution	Date of execution on 01/07/2003
20	Date of opening of Mine	10.12.2003
21	Date of first Renewal, if applicable and its period & expiry	07.05.2009
22	Date of second Renewal, if applicable and its period & expiry	31.10.2012
23	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
24	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	N.A.
25	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr.AbhayPundlik T-2,T-3, 4 th Floor, Ganesh Sagar Restaurant, Saraf Court, Dhantoli, Nagpur-12, Maharashtra E mail - abhay.pundlik@eshanminerals.com Mob. No.- 9325379764 Date of Appointment- 01/11/2020
26	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr.Dhirendra Kumar Singh Village-Adegaon, Tah. Zarijamni, Dist. Yawatmal, Maharashtra E mail-dkss24@yahoo.com Mob. No.-8770863461 Date of Appointment: 15/05/2019

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27	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr.Sailendra Kumar Singh B.E. in Mining Engineering Experience- 26 Years Village-Adegaon, Tah. Zarijamni, Dist. Yavatmal, Maharashtra. Date of Appointment- 05/08/2021 Mob. No-8788239164
28	Whether Geologist and Mining Engineer appointed in mines satisfy the rule	Mining Engineer and Geologist both appointed
29	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Date of approval of Modified MP- 22/04/2022 Approved Plan period 2019-20 to 2023-24 Date of approval 26/06/20
30	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	RMP approved vide this office letter No MCDR-YTL0LST/11/2023-NR-IBM RO NR for the period 2024-25 to 2028-29
31	Mineral(s) granted in lease and proved for mining	Limestone and Dolomite
32	Method of Mining(Open cast, Underground)	Open cast
33	Category (Fully Mechanised, Others or Manual)	Semi Mechanised
34	Captive/Non Captive	Non captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining.
(Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	No Backlog
1b	Exploration over lease area for Geological axis 1 or 2.	3 Borehole proposed In 2022-23	3 Borehole done In 2022-23	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	180000Rs	180000Rs	OK
1d	Balance area to be explored to bring Geological axis in 1 or 2	1	1	Entire mineralised area in G1
1e	Balance reserves as on 01.04.2023	602828 T (111) & (222)-10182T		As per RMP dated 29.12.23
1f	General remarks of inspecting officer on geology, exploration etc.			

Development

SN	Item	Proposals(2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	S-W of UPL	S-W of UPL	Deviated & RMP approved on 29.12.23
2b	Separate benches in topsoil, overburden and mineral	Overburden -1 Mineral (Dolomite) -4	Overburden -1 Mineral (Dolomite) -4	Limestone exists in small pockets only
2c	Stripping ratio or ore to OB ratio	Not proposed	9275Cum (1 : 2.57)	
2d	Quantity of topsoil generation in m3	Not proposed	1000 Cum	Utilised for plantation work in safety zone
2e	Quantity of overburden generation	Not proposed	9275Cum	

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	in m3			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	3600 mt (Limestone)	3600 mt (Limestone)	RMP approved on 29.12.23
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not proposed	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Nil	
3f	Quantity of sub-grade mineral generation	Not proposed	Nil	OK
3g	Grade of sub-grade mineral generation	Not proposed	Nil	OK
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	OK
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Other mineral is Dolomite	OK
3j	Provision of drilling & blasting in mineral benches	Proposed	Done as per proposal	OK
3k	Provision of mining machineries in mineral benches	Proposed	Done as per proposal	OK
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed Bench height- 6 mtrs.	Maintained Bench height- 6 mtrs.	OK
3m	Total area covered under excavation/pits	----	About 4.50 Ha	OK
3n	Ore to OB ratio for the pit/mine during the year	Not Proposed	NA	OK
3o	Total area put in use under different heads at the end of year	----	Pit-4.55 Ha, OB-1.28Ha, Stack-0.11hha Infra-0.24Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20-16297T 2020-21-16584T 2021-22-14596T 2022-23-16497T 2023-24-14780T	2019-20-75 T. 2020-21-115 T. 2021-22-9440 T. 2022-23-3600 T. 2023-24-3600 T	Legging in ROM production.
3q	General remarks of inspecting officer on method of mining etc.	In this mine 97% reserve is for dolomite and only 3% reserved for Limestone due to financial problem actual achievement is less		

Solid Waste Management-Dumping

SN	Item	Proposals(2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB& mineral reject	Not Proposed	9275Cum(Waste) 1000 Cum(Top soil)	
4b	Location of topsoil, OB & mineral reject dumps	N-W corner of pit (OB dump)	N-W corner of pit (OB dump)	OK
4c	Number of dumps within lease area	One	One	OK

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	and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N-W of ultimate pit limit (Waste dump)	N-W of ultimate pit limit (Waste dump)	OK
4e	Number of active & alive dumps	One	One	OK
4f	Number of dead dumps	Not Proposed	Nil	OK
4g	Number of dumps stabilised	One	One	OK
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	No	OK
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	No	OK
4j	Number of settling ponds	One	One	OK
4k	Specific comments of inspecting officer on waste dump management			

Solid Waste Management-Backfilling

SN	Item	Proposals(2022-23)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No backfilling proposal	No backfilling	-
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)	Nil	Nil	-
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	-	-	-

Progressive Mine Closure Plan

SN	Item	Proposals(2022-23)	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.	Proposed	Done as per proposal	OK
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	Not proposed	Not proposed	Not proposed
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings	No backfilling proposal Nil Nil Nil	Nil Nil Nil Nil	No reclamation and backfilling in the area was

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	iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Nil Nil Nil	Nil Nil Nil	proposed . .
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of of rehabilitation	Not Proposed	Nil	No reclamation and backfilling in the area was proposed.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Submitted	OK
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

SN	Item	Proposals(2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed	Done as per proposal	Done as per proposal
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manually done	Manually done
7c	Different grade of mineral sorted out at mines	Proposed	Done as per proposal	Done as per proposal
7d	Any beneficiation process at mines	Crushing and Screening for Dolomite	Crushing and Screening for Dolomite	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

SN	Item	Proposals(2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Not Proposed	1000 Cum	Utilised for plantation work in safety zone
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	Done as per proposal	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	
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	Proposed	Done as per proposal	
8g	Survival rate	100	About 75%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Done as per proposal	Done as per proposal
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

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Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to May- 2024 within stipulated time. A.R. submitted up to F.Y.2022-2023 within stipulated time.	Submitted

SN	Item	Details given in A.R. 2022-23	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer Shri. S. K. Singh, w.e.f. 05/08/2021 Geologist- Shri Mohan Rahngade w.e.f. 10/12/2021		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per Given in AR	Found in order	
9d	Scrutiny of Annual return on a forestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9j	Scrutiny of Annual return on mining machineries			
9k	Scrutiny of Annual return on mining machineries			

A.

A.K. Patel (Asstt. Mining Geologist)**Date-12/06/2024****(Name of inspecting officer with designation and date)**