

MCDR INSPECTION REPORT

S. N.	Particulars	Details
1	Name of the Mine	Ramapuram limestone Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.145 Ha
3	Minecode	38APR11143
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/7321/2011
5	Name of the lessee, Address, phone, email and fax number	N.Siva Rami Reddy
6	Village	Ramapuram
7	Taluk/Mandal	Owk
8	District	Nndyal
9	Pincode	518123
10	State	Andhra Pradesh
11	Post office	Kolimigundla
12	Nearest police station	Kolimigundla
13	Nearest Railway station	Bethamcherla
14	Date of Grant of Mining Lease	24.05.2006
15	Date of Execution	24.05.2006
16	Date of opening of Mine	24.05.2006
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	17.01.2022 (50 Years) Deemed Extension
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	N.SIVA RAMI REDDY 9490552704
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not Applicable
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	K.Nagendra Babu Banaganpalli, 9515967628
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	B.Chaithanya Kumar Reddy, 21.06.2021
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	B.V.Bhargav Reddy 21.06.2021
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	20.05.2021 (2021-22 to 2025-26)
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 proved for mining	Limestone others
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Others
30	Captive/ Non captive	Non- Captive
31	Date of inspection	20.12.2024

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

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None in the present plan period.	None	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	None in the present plan period.	None	Drilled CBH -11 BH -12 were drilled in the lease area and most of the

				area is covered under working pits. So, no exploration was proposed in the present plan period.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	No exploration was proposed in the present plan period.
1e	Balance reserves as on 01.04.2024		386465 t	Nil
1f	General remarks of inspecting officer on geology, exploration etc.		The formation belongs to the Vempalli formation of Papaphni group in kadapa basin. Strike of the formation is E-W and dip varies from 12 to 20 degree towards South. Total CBH -11 BH -12 were drilled in the entire lease area and most of the lease area is covered by working pits. so, no exploration was proposed in the present plan period.	The formation belongs to the Vempalli formation of Papaphni group in kadapa basin. Strike of the formation is E-W and dip varies from 12 to 20 degree towards South. Total CBH -11 BH -12 were drilled in the entire lease area and most of the lease area is covered by working pits. so, no exploration was proposed in the present plan period.

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	North – east area of lease area	The excavation of the limestone being done from the site as proposed.	No deviation noticed.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not applicable	Not applicable	Nil
2c	Stripping ratio or ore to OB ratio	Not applicable	Not applicable	Nil
2d	Quantity of topsoil generation in m3	Not applicable	Not applicable	Nil
2e	Quantity of overburden	Not applicable	Not applicable	Nil

	generation in m3			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.		Development is carried out by opencast mining method as proposed.	Development is carried out by opencast mining method as proposed.

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	01	01	No deviation noticed.
3b	Quantity of ROM mineral production proposed	It was proposed during 2023-24=120000 ton of limestone	97780 ton	Nil
3c	Recovery of salable/usable mineral from ROM production	120000 T	97780 T	Nil
3d	Quantity of mineral reject generation	No proposal	Nil	Nil
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	Nil
3f	Quantity of sub-grade mineral generation	Not applicable	Not applicable	Nil
3g	Grade of sub-grade mineral generation	Not applicable	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Not applicable	Not applicable	Nil
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None	None	Nil
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	Nil
3k	Provision of mining machineries in mineral benches	It was proposed to use Back hoe and tippers for excavating the mineral and transporting the same.	Same was noticed during the inspection	No deviation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain a height of 4 m (mineral bench).	Same was noticed during the inspection	Nil
3m	Total area covered under excavation/pits	5.320 Ha	5.320 Ha	Nil
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	Nil
3o	Total area put in use under different heads at the end of year	7.426 ha.	Same was noticed during the inspection	Nil
3p	Production of ROM mineral during last five-year period, as applicable	2019-20 -120000 t 2020-21- 120000 t 2021-22 -120000 t	2019-20 -28500 t 2020-21-104400 t 2021-22 – 60210 t	Nil

		2022-23 -120000 t 2023-24 – 120000 t	2022-23- 58070 t 2023-24- 97780 t	
3q	General remarks of inspecting officer on method of mining etc.		The Production is carried out by opencast mining method as proposed.	The Production is carried out by opencast mining method as proposed.

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposals	Nil	Nil
4b	Location of topsoil, OB & mineral reject dumps	No proposals	Nil	Nil
4c	Number of dumps within lease area and outside lease area	01 small old dump existed in the lease area	01 small old dump existed in the lease area	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	West side of the lease area	West side of the lease area	Nil
4e	Number of active & alive dumps	01 small old dump existed in the lease area	01 small old dump existed in the lease area	Nil
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps stabilized	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	No proposals	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	No proposals	Nil	Nil
4j	Number of settling ponds	No proposals	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management.		During the inspection it is observed that one small old dump existed in the lease area.	During the inspection it is observed that one small old dump existed in the 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 backfilling	There is no proposal for reclamation during the year 2023-24.	No area mature for reclamation purpose during the year 2023-24	No deviation.
5b	Area under backfilling of mined out area	None	None	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	Nil
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc		No area matured for reclamation purpose during the year 2023-24.	No area matured for reclamation purpose during the year 2023-24.

Progressive Mine Closure 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.	PMCP report to submitted before 1 st July	Submitted	No deviation
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No proposal	Nil	Nil
	ii) Afforestation done (ha)	No proposal	Nil	Nil
	iii) No. of saplings planted during the year	No proposal	Nil	Nil
	iv) Cumulative no. of plants	No proposal	Nil	Nil
	v) Any other specific method of rehabilitation	No proposal	Nil	Nil
	vi) Cost incurred on watch & care during the year	No proposal	Nil	Nil
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No proposal	Nil	Nil
	ii) Void filled by waste/tailings	Nil	Nil	
	iii) Afforestation on the backfilled area	No proposal	Nil	Nil
	iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil
	v) Any other specific means	Nil	Nil	Nil
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation			
	ii) Area rehabilitated (ha)	Nil	Nil	Nil
	iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)	It was proposed to carry out quarterly monitoring of the environmental parameters	Regular quarterly monitoring of environmental parameters being carried out and the all the parameters are within permissible limits	No deviation.
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations		The lessee is implementing all the proposals as made in the approved document related to Progressive Mine closure.	No deviation.

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not applicable	Not applicable	Nil
7c	Different grade of mineral sorted out at mines	No proposals	Nil	Nil
7d	Any beneficiation process at mines	There is no proposal for any beneficiation at mines.	No beneficiation practice was noticed at the mines.	No deviation noticed.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There was no proposal for grade wise sorting or any other type of beneficiation at mines.	No such activities noticed during the inspection.	No deviation noticed.

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	Nil
8b	Concurrent use or storage of topsoil	No proposal	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100 nos . of saplings	250 nos. of saplings	No deviation.
8g	Survival rate	50 %	50 %	Nil
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Lessee is implementing all the measures related to maintaining environmental balance.	Aesthetic beauty in and around the mines area is maintained.

Compliance of Rule 45

S.N.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017.	Submitted in time.	No deviation.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : B.Chaitanya kumar reddy Geologist : B.V. Bhargav Reddy	Same was confirmed during the inspection.	No deviation.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O-C workings : 5.320 Ha Waste Disposal : 1.878 Ha Buildings & Plants : 0.218 Ha PMCP : 0.010 H	Same was confirmed during the inspection	No deviation.
9d	Scrutiny of Annual return on afforestation	100 nos. of saplings within the lease area, 150 nos. of saplings out side the area.	Same was confirmed during the inspection	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	35477 t	Same was confirmed during the inspection	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price:248.75 COP : 243	Same was confirmed during the inspection	Nil
9i	Scrutiny of Annual return on fixed assets	Rs 100000	Rs. 100000	Nil
9k	Scrutiny of Annual return on mining machineries	1) Hydraulic shovel =01 2) Tipper = 02 3) Water Tanker=1 4) Air Compressor =1	Same was confirmed during the inspection	Nil

Details of violations observed during current inspection and compliance position of earlier violation pointed out:					
Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Nil					

Date: 30.12.2024

(D.P.RAVILUMAR)
Junior Mining Geologist

(Name of inspecting officer with designation and date)