

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Ranavav Limestone Mine
1 (b)	Name of Inspecting officer & Designation	G. Ram Sr.Assistant Controller of Mines
1(c)	Accomp.official	Sh. RC Sharma
1(d)	Date & Type of Inspection	03.1.2018 & RMP
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.14 Ha.Forest Land – Nil Non-Forest Land – 12.14 Ha.
3	Mine code	38GUJ21016
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8434/2011
5	Name of the lessee, Address, phone, email and fax number	Sh. Uday Singh Jethwa, Gatral Bhavan, Satyam Park, Rajiv Nagar, Porbandar
6	Village	Ranavav
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360 575
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	10/2/1975 for 50yr, 09/2/2025 as per MMDR Act 2015
15	Date of Execution	18/2/1975
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	05/07/1994
18	Date of second Renewal, if applicable and its period & expiry	24/01/2014
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Period extended as per MMDR amendment act 2015 section 8A(5)(6) up to 09/2/2025
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	---
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	---
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NIL
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 44.	Brajesh Sharma, MSc Geology-01.7.2017
25	Date of Approval of Mining Plan /Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23) 955/99 MCCM (N) UDP dated 22.3.2000 for 2000-01 to 2004-05.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23) (MS-362)/2006) MCCM (N) UDAI Date. 17.10.2006 for 2006-07 to 2010-11.
27	Mineral(s) granted in lease and proved for	Limestone

	mining	
28	Method of Mining(O/C, U/G)	Opencast
29	Category (FM, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2016-17)	Actual work	Remarks
1a	Backlog of previous year	N.A.	N.A.	
1b	Exploration over lease area for Geological axis 1 or 2.	No approved Review of mining plan for the year 2016-17, hence no proposal	NIL	Presently lessee has been carried out the 04 number of exploratory pit/ trenches & 06 No of core boreholes proposed in plan period.
1c	Exploration Agency & Expenditure in lakh Rupees during the year		NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2		NIL	
1e	Balance reserves as on 01.04.2017			
1f	General remarks of inspecting officer on geology, exploration etc.	Violation of provision of Rules 11(1), 45(5) (b) & 45(5) (c), 26(2), 33, 55 (1) (3) pointed out for rectification.		

2.0 Development

SN	Item	Proposals(2016-17)	Actual work	Remarks
2a	Location of development w.r.t. lease area	No approved Review of mining plan for the year 2016-17, hence no proposal	Pit No 2&3	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)		N.A.	
2c	Stripping ratio or ore to OB ratio		1:0	
2d	Quantity of topsoil generation in m3		0	
2e	Quantity of overburden generation in m3		N.A.	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

3.0 Exploitation

SN	Item	Proposals (2016-17)	Actual work	Remarks
3a	Number of pits proposed for production	No approved Review of mining plan for the year 2016-17, hence no proposal	Pit No 2&3	
3b	Quantity of ROM mineral production proposed		84350T ROM	
3c	Recovery of saleable/usable mineral from ROM production		NA	
3d	Quantity of mineral reject generation		Nil	
3e	Grade of mineral reject generation and threshold value declared		N.A.	
3f	Quantity of sub-grade mineral generation		NIL	
3g	Grade of sub-grade mineral generation		NIL	
3h	Manual / Mech.method adopted for segregating from ROM		NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject		NIL	
3j	Provision of drilling & blasting in mineral benches		NIL	
3k	Provision of mining machineries in mineral benches		Excavator /Pay loader-1M3 & tipper	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		3m & more bench height with irregular	
3m	Total area covered under excavation/pits		2.05 Ha.	
3n	Ore to OB ratio for the pit/mine during the year		1:0	
3o	Total area put in use under different heads at the end of year	Pit- 2.05 Ha. Stack - .01Ha Plantation- 0.13 ha		
3p	Production of ROM mineral during last five-year period, as applicable	2013-14 – 0T 2014-15 – 20540T 2015-16 – 5600T		

			2016-17 - 84350T 2017-18 – 174560T	
3q	General remarks of inspecting officer on method of mining etc.	Violation of provision of Rules 11(1), 45(5) (b) & (c), 26(2), 33, 55 (1) (3) pointed out for rectification. Further prosecution launched in court for non-compliance of rules.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2016-17)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No approved Review of mining plan for the year 2016-17, hence no proposal	NIL	
4b	Location of topsoil, OB & mineral reject dumps		NIL	
4c	Number of dumps within lease area and outside lease area		NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		NIL	
4e	Number of active & alive dumps		NIL	
4f	Number of dead dumps		NIL	
4g	Number of dumps stabilised		NIL	
4h	Whether Retaining wall or garland drain all along dumps are there		NIL	
4i	Length of Retaining wall or garland drain all along dump		NIL	
4j	Number of settling ponds		NIL	
4k	Specific comments of inspecting officer	No OB/Waste generated. Entire ROM is saleable & utilising by proper sizing & sorting as per buyers requirements.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2016-17)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No approved Review of mining plan for the year 2016-17, hence no proposal	NIL	
5b	Area under backfilling of mined out area		Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)		NIL	
5d	Total area fully reclaimed & rehabilitated		NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No OB/Waste generated. Entire ROM is saleable & utilising by proper sizing & sorting as per buyers requirements.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2016-17)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E (2) of MCDR.	No approved Review of mining plan for the year 2016-17, hence no proposal	Violation pointed out under provision of rule 26(2) of MCDR,17	
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		i)N.A. ii)0.13Ha. iii) 100Nos. iv)NA v)NA vi) Bund/ Fencing (50 m)	

6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No approved Review of mining plan for the year 2016-17, hence no proposal	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation		NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)		Ambient Air, water, noise quality monitoring is being done on half yearly basis.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	No OB/Waste generated. Entire ROM is saleable & utilising by proper sizing & sorting as per buyers requirements.		

7.0 Mineral Conservation

SN	Item	Proposals (2016-17)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved Review of mining plan for the year 2016-17, hence no proposal	84350 Mt	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical		Manual/Mech.	
7c	Different grade of mineral sorted out at mines		NIL	
7d	Any beneficiation process at mines		NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No OB/Waste generated. Entire ROM is saleable & utilising by proper sizing & sorting as per buyers requirements.		

8.0 Environment

SN	Item	Proposals (2016-17)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved Review of mining plan for the year 2016-17, hence no proposal	NIL	
8b	Concurrent use or storage of topsoil		NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)		100No, 0.13Ha.	
8g	Survival rate		About 60-70 %	
8h	Water sprinkling on roads to control airborne dust		Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Degraded mine out land area with mineral stack & irregular bench height.		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date – A.R. submitted up to till date-07.9.2017		
S.N.	Item	Details GIVEN in A.R.(2016-17)	Observation of I/Officer /Actual reported in Returns	Remarks

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details is not given in Annual Return	Party has not been submitted the online periodical return & accordingly violation under provision of rules 45(5)(b) & 45(5)(c) pointed out for rectification
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/c Working – 1.12 Ha. Afforestation-Not given	
9d	Scrutiny of Annual return on afforestation	Afforestation/ Plantation – Not given	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	O/s-5212.54T,ROM-84350 Mt, Dispatch-82.68.68T, C/s-7493.86T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex.Mine Price Rs./- tone 266.84, Cost of production-202.75	
9i	Scrutiny of Annual return on fixed assets	Industrial – 253690- Residential - 0	
9k	Scrutiny of Annual return on mining machineries	Excavator/Rock breaker ,tipper (details given incorrect)	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Presently mine was inspected under Review of mining plan inspection. Violations of provision of rules 11(1), 45(5) (b) & 45(5) (c), 26(2), 33, 55 (1) (3) pointed out for rectification. Further prosecution/court case has been filed for non-compliance of rules on 11.9.2017 & under process.