

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Gurgadh Limestone Mine, Survey No-404/P, Area-24.2813Ha
1(b)	Name of Inspecting Officer & Designation	Sanjay M. Girhe, Sr. Mining Geologist
1(c)	Accompanying Mines Representatives	Shri N. Gandhi, Mines Manager & Technical Person of KS Nagori, QP
1(d)	Type of Inspection	Modified Mining Plan with PMCP
1(e)	Date of Inspection	24.10.18
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	24.2813Ha, Non-forest.
3	Mine Code	38GUJ07055
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/993/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Gokaldas Jamnadas, Post Lamba Bandar, Taluka-Kalyanpur, District-Devbhumi Dwarka, Gujarat-361315, Contact-02891-233166, 9979679212, Email Id-scabalindia.com
6	Village	Gurgadh
7	Taluka/Mandal	Kalyanpur
8	District	Jamnagar
9	Pin code	361315
10	State	Gujarat
11	Post office	Kalyanpur
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Kalyanpur
14	Date of Grant of Mining Lease	12.02.1965
15	Date of Execution	12.04.1965 for period of 20 years from Date of execution
16	Date of opening of Mine	01.11.1991
17	Date of first Renewal, if applicable and its period & expiry	24.10.1985 & 11.03.1986 for the period of 10 years
18	Date of second Renewal, if applicable and its period & expiry	26.02.2004 & 13.05.2004 for the period of 20 years w.e.f. 11.03.1996 to 10.03.2016
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Expiry of lease on 31.03.2020 as per MMDR Amendment Act,2015 for Non Captive use.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Dwarkadas Raichura Harshad Road, P.O.-Bhatia, Taluka-Kalyanpur, DistDevbhumi-dwarka Phone No-02891-233199
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Gulabbhai Pabari Harshad road /P.O.-Bhatia,taluka-Kalyanpur,DistDevbhumidwarka,Ph no- 02891-233199
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri. N. Gandhi, Mines Manager M/s Gokaldas Jamnadas, Post Lamba Bandar, Taluka-Kalyanpur, District-Devbhumi Dwarka, Gujarat-361315 Contact-9979887507
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Nainesh Gandhi is working as Mining Engineer 24
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA - Mine is non-operational since long back
25	Date of Approval of Mining Plan/Modified	Mining Plan was approved vide letter No-

	Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(159)/2001 MCCM (N)UDP 08.05.2002, No any specific conditions.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Scheme of Mining: 682(23)-MS-(475)/2008 MCCM(N)/UDP, Dated-13.05.2015 for the period 2015-16.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	OTFM
30	Captive/Non Captive	Non-Captive

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

1.0 Exploration

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
1a	Backlog of previous year	Exploration was proposed by single trial pit in 2015-16	03 exploratory trial pits were made in each (A,B, C blocks in the lease area	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposals	Not done	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee himself	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposals	NA	
1e	Balance reserves as on 01.04.2018	Proved(111) -: 1.105 Million Tonnes Probable(122) -: 0.599 Million Tonnes Resource (211)-:0.259 Million Tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Lessee has proposed exploratory trial pits in the plan period. Further, as per the provision of Rule 12(4A) & 24 of MCDR,2018, directed to lessee to carry out exploratory work/FMCP as per MCDR,2018 & submit report to IBM/CGM within stipulated time.		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	No Proposal	Not Applicable	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	No OB encountered in ML area Bench height-3-4mts in mineral	
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	
2d	Quantity of topsoil generation in m ³	No Proposal	Nil	
2e	Quantity of overburden generation in m ³	No Proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine previously worked in different small pits where maximum mineralization of about 6mts were established in Pit-3		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	No Proposal	Nil. Six old working pits of different dimensions were observed.	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
3b	Quantity of ROM mineral production proposed	No Proposal	Nil	
3c	Recovery of salable/usable mineral from ROM production	No Proposal	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Semi-Mechanized	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	NA	
3j	Provision of drilling & blasting in mineral benches	No Proposal	NA	
3k	Provision of mining machineries in mineral benches	No Proposal		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	NA	
3m	Total area covered under excavation/pits	No Proposal	2.30 Ha	
3n	Ore to OB ratio for the pit/mine during the year	No Proposal	NA	
3o	Total area put in use under different heads at the end of year		Pit-2.23 Ha Roads-0.020Ha Mineral storage-0.050	
3p	Production of ROM mineral during last five-year period, as applicable	2013-14: Nil 2014-15: Nil 2015-16: 104540T 2016-17: Nil 2017-18: Nil	2013-14: Nil 2014-15: Nil 2015-16: Nil 2016-17: Nil 2017-18: Nil till date	
3q	General remarks of inspecting officer on method of mining etc.	Mine workings were discontinued w.e.f. about 2012 onwards but earlier mine working was carried out by semi mechanized open cast mining method.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	Nil	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Nil	
4c	Number of dumps within lease area and outside lease area	Not Proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Nil	
4e	Number of active & alive dumps	Not Proposed	Nil	

4f	Number of dead dumps	Not Proposed	Nil	
4g	Number of dumps stabilized	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer	This is elevated area and no OB encountered in the lease area except 0.5 to 1.0mts top soil. At maximum places limestone outcrops were noticed.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	As of now no mineral is exhausted in any working pits	
5b	Area under backfilling of mined out area	No Proposal	As of now no mineral is exhausted in any working pits.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Thin layer of about 0.5 to 1.0mts of thickness of top soil encountered which proposed to be scraped & used for plantation.	
5d	Total area fully reclaimed & rehabilitated	No Proposal	As of now no mineral is exhausted in any working pits. Hence it is not applicable.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	As of now, mineral is not exhausted in any working hence backfilling or reclamation is not applicable.		

6.0 Progressive Mine Closure Plan-

SN	Item	Proposals (2017-18)	Actual work (2017-18)	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.	To be submitted every year in stipulated time	Not submitted	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
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	No Proposals	Nil	
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 Proposals	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Metho of rehabilitation	No Proposals	Nil	

6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposals	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mine workings were discontinued w.e.f. about 2012 onwards. No PMCP working carried out by the lessee in the past.		

7.0 Mineral Conservation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals	Nil	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposals	Nil	
7c	Different grade of mineral sorted out at mines	Chemical Grade	Nil	
7d	Any beneficiation process at mines	No beneficiation.	Nil	

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Very thin layer of top soil encountered which proposed to be scraped & used for plantation.	
8b	Concurrent use or storage of topsoil	No proposal	Very thin layer of top soil encountered which proposed to be scraped & used for plantation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	As of now no mineral is exhausted in any working pits. Hence it is not applicable.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal.	NA	
8g	Survival rate		NA	
8h	Water sprinkling on roads to control airborne dust	No proposal.	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	M.R. not submitted upto -NA A.R. not submitted for year -NA.	

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer/Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Lessee has not been submitted online periodical returns to this office & violation under provision of Rule 45(5)(b) & 45(5)(c), 33, 55(1)(c) pointed out for rectification	NA	Mine workings were discontinued w.e.f. about 2012 onwards to till date due to Statutory CRZ/ESZ clearances
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil	
9i	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -

The last inspection of mine was carried out on dtd 12/01/2018 and violations of rules 45(5)(b) & 45(5)(c), 33, 55(1)(c) were observed and these violations are to be rectified yet. This inspection was carried out for examination of Modified Mining plan. No violations were pointed out during the said inspection. Based on the office record mine suspended on 06.11.2017 for the non-compliance of violations of rule 11(4) of MCDR,2017
