

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Vadvala Limestone Mine, Survey No-613(P)
1(b)	Name of Inspecting Officer & Designation	Sanjay M. Girhe, Sr. Mining Geologist
1(c)	Accompanying Mines Representatives	Sh. Anil Lessee Representative
1(d)	Type of Inspection	Review of Mining Plan/MCDR
1(e)	Date of Inspection	29.01.2019
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.0 Ha. (Govt. Waste Land) Forest- Nil
3	Mine code	Not available as lessee not registered on IBM website. Violation pointed out for the same.
4	IBM Registration Number under rule 45 of MCDR, 1988	Not available as lessee not registered on IBM website. Violation pointed out for the same.
5	Name of the lessee, Address, phone, email and fax number	M/s. Gatrai Minerals (Proprietor : Hardasbhai Bapodara), Near Gayatri Temple, Gopalpara, Taluka-Ranavav, Dist-Porbandar-360575, Gujarat, Mobile No-09227672599, Fax No-Not Available, Email: gatraiaiminerals@gmail.com
6	Village	Vadvala
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360575
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Porbandar
14	Date of Grant of Mining Lease	16.09.2002
15	Date of Execution	17.02.2003
16	Date of opening of Mine	17.02.2003
17	Date of first Renewal, if applicable and its period & expiry	Not applicable as mining lease executed on 17.02.2003 for 20 years
18	Date of second Renewal, if applicable and its period & expiry	Not applicable as mining lease executed on 17.02.2003 for 20 years
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable as mining lease executed on 17.02.2003 for 20 years
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	M/s. Gatrai Minerals (Proprietor : Hardasbhai Bapodara), Near Gayatri Temple, Gopalpara, Taluka-Ranavav, Dist-Porbandar-360575, Gujarat, Mobile No-09227672599, Fax No-Not Available, Email: gatraiaiminerals@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
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	NA
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	NA
25	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 Mining Plan :- 28.06.2002 Mining plan was approved under rule 22 of MCR, 1960 by RCOM, Udaipur Period :- From 2002-03 to 2006-07
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
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)	Semi Mechanised
30	Captive/Non Captive	Non-Captive

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

Exploration

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
1a	Backlog of previous year	No Proposals	NA	No production carried out during approved plan period
1b	Exploration over lease area for Geological axis 1 or 2.	NA	NA	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	2.0 Ha	2.0Ha	
1e	Balance reserves as on 01.04.2017	Proved(111)-142934MT Resources(211)-72652MT	Proved(111)-142934MT Resources(211)-72652MT	
1f	General remarks of inspecting officer on geology, exploration etc.	No detailed exploration carried out during plan period except few exploratory trial pits & trenches		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	No proposals	NA	Mine was non-operating since 2002-03
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No	Proposals	No Top soil & Overburden encountered in ML area
2c	Stripping ratio or ore to OB ratio	No Proposals	NA	No Overburden encountered in ML area
2d	Quantity of topsoil generation in m3	Not Proposed	Nil	No top encountered
2e	Quantity of overburden generation in m3	Not Proposed	Nil	No OB encountered in ML area
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No overburden, top soil encountered in the lease area.		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	No Proposals	Nil	Mine was non-operational since 2002-03, only marginal 4, 5,7 tonnes were reported to keep revival of mine
3b	Quantity of ROM mineral production proposed	No Proposals	Nil	
3c	Recovery of salable/usable mineral from ROM production	No Proposals	NA	
3d	Quantity of mineral reject generation	No Proposals	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposals	NA	
3f	Quantity of sub-grade mineral generation	No Proposals	Nil	
3g	Grade of sub-grade mineral generation	No Proposals	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposals	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposals	Nil	
3j	Provision of drilling & blasting in mineral benches	No Proposals as the mine was non operational	Drilling & blasting not proposed in submitted draft ROMP	

3k	Provision of mining machineries in mineral benches	No proposals	- JCB-110 Horse Power - Rock Breaker-110 HP - Dumper-10 Tonne	Details on capacity of machineries were not furnished.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposals	No overburden encountered in the lease area hence it is not applicable	
3m	Total area covered under excavation/pits	0.2887Ha.	0.2887Ha as on date as per draft ROMP	Mine was non-operational since 2002-03.
3n	Ore to OB ratio for the pit/mine during the year	No proposals	NA	No OB in the lease area
3o	Total area put in use under different heads at the end of year	No proposals	Area under mining- 0.2887 ha. Road-0.002 ha Others-Nil	Lease area was not surveyed properly & it was pointed out in scrutiny.
3p	Production of ROM mineral during last five-year period, as applicable	No production proposals during last 5yrs as mine was non-operational	Nil	Mine was non-operational since 2002-03, only marginal 4, 5,7 tonnes were reported to keep revival of mine
3q	General remarks of inspecting officer on method of mining etc.	Mine is non-operational since 2002-03 and only 2 working pits of dimensions 825M ² x 6m depth & 1531M ² x 4m depth and one tranche of 531M ² x 4m depth were noticed.		

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)	No Proposals	NA	
4b	Location of topsoil, OB & mineral reject dumps	No Proposals	NA	No top soil, OB, mineral reject encountered during mining operation
4c	Number of dumps within lease area and outside lease area	NA	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Nil	
4e	Number of active & alive dumps	NA	Nil	
4f	Number of dead dumps	NA	Nil	
4g	Number of dumps stabilised	NA	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	Nil	
4i	Length of Retaining wall or garland drain all along dump	NA	Nil	
4j	Number of settling ponds	NA	Nil	
4k	Specific comments of inspecting officer	No top soil, OB, mineral reject encountered during mining operation hence most items are indicate as “not applicable”		

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 proposals	Mine is non-operational since 2002 and very limited excavation carried out in the lease area.	
5b	Area under backfilling of mined out area	No proposals	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposals	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposals	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mine is non-operational since 2002 and very limited excavation carried out in the lease area and hence scope of backfilling doesn't exist at present.		

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 26(2). Details should be given in the format as given in Annexure-20.	Yes	Report not submitted within time limit as per prescribed format.	Violation of Rule 28(1) pointed out.
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	Mine is non-operational since 2002-03 and no valid approved MP/MMP/ROMP found.
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		
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method 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 is non-operational since 2002 and No PMCP proposals envisaged as no approved document found after temporary closure of mine.		

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	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposals	NA	
7c	Different grade of mineral sorted out at mines	No Proposals	NA	
7d	Any beneficiation process at mines	No Proposals	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine is non-operational since 2002 and No PMCP proposals envisaged as no approved document found after temporary closure of mine.		

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposals	Nil	Mine is non-operational since 2002-03 and no valid approved
8b	Concurrent use or storage of topsoil	No Proposals	NA	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposals	NA	MP/MMP/ROMP found.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No Proposals	50 Saplings planted	
8g	Survival rate	No Proposals	50%	
8h	Water sprinkling on roads to control airborne dust	Yes		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Mine is non-operational since 2002-03 and no significant work carried out for environment protection as observed.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Not submitted upto – December- 2018 A.R. not submitted upto-2017-18	

S.N	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not submitted	Nil	Violations for rules Rule 45(1) & 45(5)(b)(c) were pointed out for non-applying for registration in prescribed Form-K and non-submission of monthly as well as annual returns in prescribed forms. During the inspection it was also advised to Mine representative to submit the AR & MR regularly for correct cost of production & Ex mine price as per the given guidelines in future.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted	Nil	
9d	Scrutiny of Annual return on afforestation	Not submitted	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not submitted	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not submitted	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Not submitted	Nil	
9i	Scrutiny of Annual return on fixed assets	Not submitted	Nil	
9k	Scrutiny of Annual return on mining machineries	Not submitted	Nil	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -The last inspection details not found as per the office records. This inspection was carried out in connection with examination of Review of Mining Plan and during inspection violation of rules 28(1), 45(1) & 45(5)(b)(c) were pointed out and accordingly violation letter was issued.
