

## MCDR INSPECTION INFORMATION SHEET

### 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	<b>Bhod Limestone Mine</b>
1(b)	Name of Inspecting Officer & Designation	Naman Ekka Senior Mining Geologist
1(c)	Accompanying Mines Representatives	Mr. Bharat Kunti
1(d)	Type of Inspection	Star Rating
1(e)	Date of Inspection	24/06/2021
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	11.2935 hectare area of non-forest
3	Mine code	38GUJ08027
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6634/2011
5	Name of the lessee, Address, phone, email and fax number	Ashok BabulalSindhav (legal heir of Babulal Vejibhai Sindhav) Hari Bhawan, S.T.Road, DISTRICT - porbandar, State - Gujarat. Email-ID : sham_bapodra@yahoo.co.in, Mobile No : +91-9825230728, 99795 52641
6	Village	Bhod
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360550
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	MCR-1572(S-161)/6169-CHH dated 22/10/1973
15	Date of Execution	18/04/1974
16	Date of opening of Mine	18/04/1974
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Ashok Babulal Sindhav (legal heir of Babulal Vejibhai Sindhav) Hari Bhawan, S.T.Road, DISTRICT - porbandar, State - Gujarat. Email-ID : sham_bapodra@yahoo.co.in, Mobile No : +91-9825230728, 99795 52641
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	Jaideep B. Karena, B. Tech (Mining)

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56&57.	No, Geologist not appointed and violation issued.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	NA
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	No. 684(4)(1)/MP-306/2020-21 Dated 27.01.2021
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open Cast
29	Category (Fully Mechanised, Others or Manual)	A
30	Captive/Non Captive	Non captive

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

### **Exploration**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
1a	Backlog of previous year	No Proposal	No work done.	Part of lease area is explored under G-1
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	No work done.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	
1e	Balance reserves as on 03.01.2021	The estimated reserves are – 111 – 3116862 tonnes 221 - 372468 tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Part of lease area is explored under G-1		

### **2.0 Development**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	Production of planning is proposed in for pit-1& pit-2	Mining has been confined to PIT 1 & PIT 2 only till August 2020	Mining operations has been suspended by GPCB for want of EC
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	NA	No overburden, topsoil and Mineral reject was proposed in last approved Review of Mining Plan with PMCP/
2c	Stripping ratio or ore to OB ratio	NA	NA	As above
2d	Quantity of topsoil generation in m <sup>3</sup>	NA	NA	As above

2e	Quantity of overburden generation in m3	NA	NA	As above
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No overburden and mineral reject in the mine.		

### **3.0 Exploitation**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	Production of planning is proposed in for pit-1, pit-2 and	Worked in Pit – 1, Pit-2 till August 2020	
3b	Quantity of ROM mineral production proposed	Proposed production during year 2020-21 was 150002 ton.	Actual production during year 2020-21 was 163500.00 ton.	Violation of Rule 11(1) was issued by Sr. ACoM on 02/02/2020
3c	Recovery of salable/usable mineral from ROM production	NO Proposal	Nearly 100% material is recovered as usable mineral from ROM production.	--
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral reject generation and threshold value declared	NA	NA	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised (crusher & screening plant)	Mechanised (crusher & screening plant)	It was fixed plant no more change in plant or sorting and screening in material.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	No work done	
3j	Provision of drilling & blasting in mineral benches	No Proposal	No work done	
3k	Provision of mining machineries in mineral benches	No Proposal	No work done	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	No work done	
3m	Total area covered under excavation/pits	12.7249 Ha.	12.7249 ha	
3n	Ore to OB ratio for the pit/mine during the year	NO Overburden	NO work done.	
3o	Total area put in use under different heads at the end of year	NA	12.7249 ha	
3p	Production of ROM mineral during last five-year period, as applicable	150002	1635000	Violation issued by Sr. AcoM for deviation in production on 02/02/2020
3q	General remarks of inspecting officer on method of mining etc.	The area is devoid of OB and Violation issued for deviation in production		

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	The area is devoid of OB
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer	There are no dump in the lease area.		

#### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	No work done	No backfilling is proposed
5b	Area under backfilling of mined out area	No Proposal	No work done	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	No work done	
5d	Total area fully reclaimed & rehabilitated	No Proposal	No work done	By plantation in the green belt area
5e	General remarks of inspecting officer on backfilling, reclamation etc	The area is not yet matured for backfilling		

#### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	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.	PMCP returns not submitted and violation pointed out for the same.		Violation sent by Sr. ACoM on 02/02/2020
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	No Proposal for mined out benches.	No work done	

	method of rehabilitation vi) Cost incurred on watch & care during the year			
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 Proposal for reclamation and rehabilitation by backfilling	No work done	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal for Rehabilitation of waste land within lease	No work done	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Nil	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP returns not submitted and violation pointed out for the same.		

### **7.0 Mineral Conservation**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting within the lease area	Grade wise sorting within the lease area	Sorting and sizing by crusher & screening shall be carried out to segregate sized and undersized material.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanized	Mechanized	
7c	Different grade of mineral sorted out at mines	Chemical Grade	Chemical Grade	-
7d	Any beneficiation process at mines	No such proposal	No beneficiation carried out	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Sorted a minerals grade wise by Sorting and sizing by crusher & screening shall be carried out to segregate sized and undersized material		

### **8.0 Environment**

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No OB Exist in the lease area.
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Additional 100 plantation was in proposal	As reported nearly 100 plantation were done in 2020-21	
8g	Survival rate	Nil	As reported survival rate is only 50 %	
8h	Water sprinkling on roads to control airborne dust	Water to be sprinkled on the haul road to suppress the dust being getting airborne	Mobile water tankers have been deployed for the purpose.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The area is having beautiful aesthetic environment in and around lease area.		

#### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	M.R. Submitted upto May 2021 A.R. submitted upto year 2019-20	

S.N	Item	Details GIVEN in A.R.	Observation of I/c Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	ROHIT R. JADAV – Mining Engineer.  Geologist - NIL	Geologist not appointed and violation sent by Sr. ACoM.	At the time of inspection Mining operations were not carried out it was suspended by GPCB for want of EC
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Scrutiny of Annual return on afforestation	Yes	Found in order	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Yes	Found in order	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes	Found in order	
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order	
9k	Scrutiny of Annual return on mining machineries	Yes	Found in order	

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

Rule 11(1), 26(2), 33, 34(1), 55(1)(c)(i) of MCDR 2017 on 30/07/2021

Naman Ekka  
Sr. Mining Geologist.