

MCDR INSPECTION REPORT

Date of Inspection: 16.04.2018

Type of Inspection: Mining Plan Inspection

Name of Inspection officer: Darshan Deep Bhardwaj Designation: Senior Asst. Controller of Mines

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Dharmendra Bauxite Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	10.12 ha. Non Forest
3	Minecode	07-GUJ-14004
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8470/2012
5	Name of the lessee, Address, phone, email and fax number	M/s. Vimalben Somnath Patel 61,Swipark Society, Ghatlodia, P.O. Ahmedabad – 380061 Mo. 8989078887
6	Village	Ambaliyara
7	Taluka/Mandal	Bayad
8	District	Aravalli
9	Pincode	380061
10	State	Gujarat
11	Post office	Ambaliyara Around 1 Km
12	Nearest police station	Ambaliyara Around 1 Km
13	Nearest Railway station	Ahemadabad Around 65.2 Kms
14	Date of Grant of Mining Lease	16.12.1974
15	Date of Execution	31.03.1975
16	Date of opening of Mine	01.04.1975
17	Date of first Renewal, if applicable and its period & expiry	Lease period up to 30.03.2025(50 years)
18	Date of second Renewal, if applicable and its period & expiry	Lease period up to 30.03.2025(50 years)
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	M/s. Vimalben Somnath Patel 61,Swipark Society, Ghatlodia, P.O. Ahmedabad - 380061
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	None
22	Name of the Mines Manager with Address, phone, email, fax number and date of	None

appointment in mines	
----------------------	--

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	None
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	None
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	22.05.2018 From 2018-19 to 2022-23
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	None
27	Mineral(s) granted in lease and proved for mining	Bauxite
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	NA, As there was no mining plan approved for the period	N/A, During inspection the mine was suspended under Rule 11(2) of MCDR 2017	
		NA	As per the Mining Plan submitted, there is no production done in the year 2017-18	
1b	Exploration over lease area for Geological axis 1 or 2.	NA	Area is explored by Prospecting pits	

1e	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	NA	NA	
1e	Balance reserves as on 01.04.2017	N/A	89467	
1f	General remarks of inspecting officer on geology, exploration etc.	In the lease bauxite is occurring and top portion of bauxite is bouldery followed by clay bauxite at the bottom. The area is explored by means of the pits/trenches		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	NA	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	Nil	
2c	Stripping ratio or ore to OB ratio	NA	Nil	
2d	Quantity of topsoil generation in m ³	NA	Nil	
2e	Quantity of overburden generation in m ³	NA	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	As per the Mining plan submitted, there is no production done by the lessee during the last three years.		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	NA	Nil	
3b	Quantity of ROM mineral production proposed	NA	Nil	
3c	Recovery of salable/usable mineral from ROM production	NA	Nil	
3d	Quantity of mineral reject generation	NA	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	Nil	
3f	Quantity of sub-grade mineral generation	NA	Nil	
3g	Grade of sub-grade mineral generation	NA	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	Nil	

3j	Provision of drilling & blasting in mineral benches	NA	Nil	
3k	Provision of mining machineries in mineral benches	NA	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	Nil	
3m	Total area covered under excavation/pits	NA	3.5 Ha	
3n	Ore to OB ratio for the pit/mine during the year	NA	NA	
3o	Total area put in use under different heads at the end of year	NA	Pit- 3.5428 Waste/reject 0.1047 Others- 6.4725	
3p	Production of ROM mineral during last five-year period, as applicable	N/A	Yr-2013-14 40933 Yr-2014-15 94023 Yr-2015-16- Nil Yr-2016-17- Nil Yr-2017-18- Nil	
3q	General remarks of inspecting officer on method of mining etc.	As per the Mining plan submitted, there is no production done by the lessee during the last three years.		

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)	NA		
4b	Location of topsoil, OB & mineral reject dumps	NA		
4c	Number of dumps within lease area and outside lease area	NA	2	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Central part of lease	
4e	Number of active & alive dumps	NA.	2 Nos	
4f	Number of dead dumps	NA		
4g	Number of dumps established	NA		
4h	Whether Retaining wall or garland drain all along dumps are there	NA		
4i	Length of Retaining wall or garland drain all along dump	NA		
4j	Number of settling ponds	NA		

4k	Specific comments of inspecting officer	As per the Mining plan submitted, there is no production done by the lessee during the last three years.
----	---	--

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	NA	Nil	
5b	Area under backfilling of mined out area	NA	About 0.7 Ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The area of about 0.7 Ha is backfilled.		

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.	NA	NA	
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	NA	NA	
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	NA	NA	

	v) Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive	As per the Mining plan submitted, there is no production done by the lessee during the last three years		

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	NA	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	Nil	
7c	Different grade of mineral sorted out at mines	NA	Nil	
7d	Any beneficiation process at mines	NA	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	As per the Mining plan submitted, there is no production done by the lessee during the last three years.		

8.0 Environment

SN	Item	Proposals 2017-18	Actual work 2017-18	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	Nil	
8b	Concurrent use or storage of		Nil	

	topsoil	NA		
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	NA	Nil	
8g	Survival rate	NA	Nil	
8h	Water sprinkling on roads to control airborne dust	NA	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	As per the Mining plan submitted, there is no production done by the lessee during the last three years		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted upto till date - A.R. submitted for the year -		Online returns are not submitted.
S. N.	Item	Details GIVEN in A.R.2017-18	Observation of Inspecting officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA		
9d	Scrutiny of Annual return on afforestation	NA		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA		
9f	Scrutiny of Annual return on ROM stock	NA		

	and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA		
9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	NA		

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

This mines is already suspended under Rule 11(2) of MCDR vide letter No. 686(5)/Violation/2017-Gandhinagar/1450, dated 06.11.2017 for violation of Rule 11(4) as there was no approved mining plan of the lease and hence no further violation are being issued. As on date the above suspension order exist as the suspension order is not revoked.

Date: 8.06.2018


 Darshan Deep Bhardwaj
 Senior Asst. Controller of Mines