

Regional office: Gandhinagar

File no: GUJ/KUTCH/ BXT-005

MCDR INSPECTION REPORT

Inspecting officer: Dr. N K Mathur, AMG, Gandhinagar

Inspection date: 04.08.2018, Type of Inspection: Review of Mining Plan

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Wandh-II Bauxite Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	8.09.00 Ha (NON-FOREST LAND)
3	Mine code	07GUJ10013
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/727/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Gujarat Mineral Development Corporation Ltd. Khanij Bhavan, 132 Ft. Ring Road, Near University Ground, Vastrapur, Ahmedabad-380052 Ph.No:-079-27912747 Fax No.:- 079-27912164 Email:-geo@gmdcltd.com, csr@gmdcltd.com, gadhsisa@gmdcltd.com
6	Village	Wandh
7	Taluka/Mandal	Mandvi
8	District	Kutch
9	Pin code	370445
10	State	Gujarat
11	Post office	Wandh
12	Nearest police station	Gadhsisa
13	Nearest Railway station	Bhuj
14	Date of Grant of Mining Lease	26.12.1975
15	Date of Execution	11.02.1976
16	Date of opening of Mine	01.04.1976 (Form C2)
17	Date of first Renewal, if applicable and its period & expiry	Form J-10.03.1993 period 20 year
18	Date of second Renewal, if applicable and its period & expiry	From J- 29.05.2013 for 20 years
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	From J- 29.05.2013 for 20 years
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Arun Kumar M Solanki,(IAS) Managing Director (GMDC) Khanij Bhavan, 132 Ft. Ring Road, Near University Ground, Vastrapur, Ahmedabad-380052. Ph. No. -079-27912747, Fax No: 079-27912164 Email: geo@gmdcltd.com,csr@gmdcltd.com.

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	S.G.Patel Calcined Bauxite Project, Gadhsisa Tal: Mandvi, Dist: Kutch, Pin code 370445 Phone No: 02834-282289/282026 Fax: 02834-282310
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mining operation is temporarily discontinued.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mining operation is temporarily discontinued
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Mining operation is temporarily discontinued
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining plan was approved on 15/07/2003.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Mining operation is temporarily discontinued
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining (Opencast, Underground)	Opencast Working
29	Category (Fully Mechanised, Others or Manual)	Other than fully mechanised (OTFM)
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	One trial pit	NIL	Mining operation is temporarily suspended.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Lessee has dug an exploratory Nine trial pits	Apart from that lessee has drill Five no of exploratory drill hole in the year 2013-14
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee & Nil	Lessee & Rs.55000	
1d	Balance area to be explored to bring Geological axis in 1 or 2	3.9575 Ha	Five trial pit	

1e	Balance reserves as on 01.04.2016	84079 MT/(111)		
1f	General remarks of inspecting officer on geology, exploration etc.	Mining operation is temporarily suspended.		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	Nil	Nil	Nil
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Nil	Nil	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining operation is temporarily suspended.		

3.0 Exploitation

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	Nil	NIL	Mining operation is temporarily discontinued
3b	Quantity of ROM mineral production proposed	Nil	NIL	
3c	Recovery of salable/usable mineral from ROM production	Not Applicable as there is no Proposal	NIL	
3d	Quantity of mineral reject generation	No Proposal	NIL	
3e	Grade of mineral reject generation and threshold value declared	Threshold value= $Al_2O_3 \geq 30\%$ and $SiO_2 \leq 5\%$	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	No Proposal	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not applicable	
3j	Provision of drilling & blasting in mineral benches	Nil	NIL	Mining operation is temporarily discontinued
3k	Provision of mining machineries in mineral benches	Nil	NIL	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	NIL
3m	Total area covered under excavation/pits		NIL
3n	Ore to OB ratio for the pit/mine during the year	Nil	NIL
3o	Total area put in use under different heads at the end of year	Nil	NIL
3p	Production of ROM mineral during last five-year period, as applicable	Nil	NIL
3q	General remarks of inspecting officer on method of mining etc.	Mining operation is temporarily suspended.	

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)	Nil	Nil	Mining operation is temporarily discontinued
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	NA	
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	No Proposal	Nil	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Nil	
4j	Number of settling ponds	No Proposal	NA	
4k	Specific comments of inspecting officer	Mining operation is temporarily suspended.		

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	NIL	NIL	Mining operation is temporarily discontinued.
5b	Area under backfilling of mined out area	NIL	NIL	

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NIL.	NIL	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No violation is point out as mine temporarily discontinued.		

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.	NIL	NIL	
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	NIL	NIL	Mining operation is temporarily discontinued.
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 (Fencing)	NIL	Nil	Working temporarily discontinued
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	No Proposal	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NIL	NIL	
6f	General remarks of inspecting officer on PMCP compliance & progressive	No violation is point out as mine temporarily discontinued.		

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	NIL.	NIL	Mining operation is temporarily discontinued
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	NIL	
7c	Different grade of mineral sorted out at mines	NIL.	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No violation is point out as mine temporarily discontinued.		

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	Mining operation is temporarily discontinued
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)	NIL	NIL	
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	No violation is point out as mine temporarily discontinued.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. is submitted up to July-2018 A.R. is submitted up to year 2017-18		Nil
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	Nil	Check & found in order	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Check & found in order	Nil
9d	Scrutiny of Annual return on afforestation	Nil	Check & found in order	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Check & found in order	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Check & found in order	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Check & found in order	Nil
9i	Scrutiny of Annual return on fixed assets	Nil	Check & found in order	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Check & found in order	

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

The violation is pointed for Rule 11(4) of MCDR 2017 by Sr. ACOM on dt. 07.09.2017 regarding not submitting the mining plan. Owner has already submitted the reply by letter no. GMDC/CBPG/203/2018-19 dt. 04.05.2018.

Place Gandhinagarr

Name: Dr N. K. Mathur

Signature

Date 20-08-2018

Designation: AMG