

## MCDR INSPECTION REPORT

### 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Naredi-I Bauxite Mines (62.36Ha)
1(b)	Name of Inspecting officer & Designation	G. Ram, Sr.Assistant Controller of Mines
1(c)	Accomp.official	Shri SR Rathore & Brijesh Sandhyal, Tech. Person Rep.
1(d)	Date & Type of Inspection	16.03.2018 & RMP
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	62.36Hect. ( Non-Forest) Survey No. 307-10,303-14,445
3	Mine code	07GUJ10015
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/727/2011
5	Name of the lessee, Address, phone, email and fax number	Gujarat Mineral Development Ltd., Khanij Bhavan, 132 Ft Ring Road-Vastrapur, Ahemdabad-380052; Ph-(02834) 282289 Email:gadhsisa_2@gmdcltd.com
6	Village	Naredi
7	Taluka/Mandal	Abadasa
8	District	Kutch
9	Pin code	370465
10	State	Gujarat
11	Post office	Naredi
12	Nearest police station	Naliya
13	Nearest Railway station	Mothala
14	Date of Grant of Mining Lease	31-01-1977, MCR/1574(G-18)/208/CHH FOR 20 YEAR
15	Date of Execution	30-07-1977,20 year
16	Date of opening of Mine	--
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 & appointment	Shri Arunkumar Solanki, GMDC Ltd. "Khanij bhavan", 132 FT Ring Road, Vastrapur, Ahmadabad., Appointment- 24-06-2016
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri S G Patel, Bauxite Project-Gadhsisa, Ta-Mandvi, Dis-Kutch, 370445, Mobile- 9727792510 Email: gadhsisa@gmdcltd.com Appointment- 01-11-2015
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri J B Pandya, GMDC Ltd., Bauxite Project-Gadhsisa, Ta-Mandvi, Dis-Kutch, 370445, Appointment- 28.08.2015
23	Name of the Mining Engineer, Qualification and total Exp. with Address, phone, email, fax number and date of appointment in mine	NA Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Letter No. 682(23)(282)/2003-MCCM(N) UDP-09.9.2003 for 2003-04 to 2004-05
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 ML proved for mining	Bauxite
28	Method of Mining(Opencast, Underground)	Opencast.
29	Category (Fully Mechanised, Others or Manual)	A-Category
30	Captive/Non Captive	Non Captive & Joint venture with Gujarat Credo Minerals Ltd

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

**1.0 Exploration**

SN	Item	Proposals (2016-17)& 2017-18	Actual work	Remarks
1a	Backlog of previous year	Not Proposed Not Proposed	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
1b	Exploration over lease area for Geological axis 1 or 2.	Not Proposed	NIL	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Proposed	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	The part of lease area is still remains for exploration. Lessee has been proposed boreholes in next plan period.		
1e	Balance reserves as on 01.3.2018	The reserves & resources estimated as on 01.04.2018 is 1.118MT		
1f	General remarks of inspecting officer on geology, exploration etc.	NIL		

**2.0 Development**

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
2a	Location of development w.r.t. lease area	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
2b	Separate benches in topsoil, overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m <sup>3</sup>			
2e	Quantity of overburden generation in m <sup>3</sup>			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	NIL		

**3.0 Exploitation**

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
3a	Number of pits proposed for production	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
3b	Quantity of ROM mineral production proposed			
3c	Recovery of saleable/usable mineral from ROM production			
3d	Quantity of mineral reject generation			
3e	Grade of mineral reject generation and threshold value declared			
3f	Quantity of sub-grade mineral generation			
3g	Grade of sub-grade mineral generation			
3h	Manual / Mechanised method adopted for segregating from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches			
3k	Provision of mining machineries in mineral benches			
3l	Whether height of benches in OB and mineral suitable for method of mining proposed in MP/SOM			
3m	Total area covered under excavation/pits			

3n	Ore to OB ratio for the pit/mine during the year	No approved Review of mining plan for the period, hence no proposal	NIL	
3o	Total area put in use under different heads at the end of year			
3p	Production of ROM mineral during last five-year period, as applicable			
3q	General remarks of inspecting officer on method of mining etc.	NIL		

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

SN	Item	Proposals (2016-17) & (2017-18)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11 -12/1503 dated 12.03.2012 to till date
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	NIL		

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

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11 -12/1503 dated 12.03.2012 to till date
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc	NIL		

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

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	No approved Review of mining plan for the period, hence no proposal	0.2 Ha 500 Plants  Manual with Drip system	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11 -12/1503 dated 12.03.2012 to till date
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			

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 approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive			

### 7.0 Mineral Conservation

SN	Item	Proposals (2016-17) & 2017-18	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			
7c	Different grade of mineral sorted out at mines			
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

### 8.0 Environment

SN	Item	Proposals (2016-17) & 2017-18		
8a	Separate removal and utilization of topsoil (Rule 32)	No approved Review of mining plan for the period, hence no proposal	NIL	Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done			
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NIL		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date A.R. for year 2016-17 is submitted on 09.4.2018	
S.N	Item	Details given in A.R.2016-17	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer,	Not appointed since mine is not working presently.	NIL

	Geologist and Manager				
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<i>Mine is temporary discontinuance vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012 to till date, Party has submitted the online NIL return on IBM.</i>	NIL		
9d	Scrutiny of Annual return on forestation				
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)				
9f	Scrutiny of Annual return on ROM stock and/or graded ore				
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost				NIL
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:-Mine was inspected for examination of Review of Mining Plan & Mine was not working during inspection & further lessee has been submitted the temporary discontinuance notice vide letter No GMDC /CBPG/IBM/UDP/11-12/1503 dated 12.03.2012. Lessee has been submitted the online periodical return. Presently no significant violation observed & pointed out.