

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** MAH/RTG/BX-8/GOA

**Mine code :** 07MSH20004

- (i) Name of the Inspecting : P01 ) PREM PRAKASH  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/SHRI.SANGRAM PATIL, AGENT AND G.K.HEGDE, HEAD MININ  
Official with  
Designation
- (iv) Date of Inspection : 26-JUN-21
- (v) Prev.inspection date : 14-MAY-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : ROVLE BAUXITE MINE
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : MAHARASHTRA
- District : RATNAGIRI
- Village : ROVAL
- Taluka : DAPOLI
- Post office : KELSHI
- Pin Code : 415717
- FAX No. : rbp@ashapura.com
- E-mail : 022-22074452
- Phone : 022-66651700, +91982091170
- (f) **Police Station** : Dapoli
- (g) **First opening date** : 01-JUL-05
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : 986,Annab Villa, Khonda Area,  
Mandangad Road, Dapoli, Tal:Dapoli  
DISTRICT - RATNAGIRI, 415712
3. (a) **Lease Number** : MSH0314
- (b) **Lease area** : 218.28
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 14-FEB-55
4. **Mineral worked** : BAUXITE Main

## 5. Name and Address of the

Lessee : ASHAPURA MINECHEM LIMITED  
 278, 3rd FLOOR, JEEVAN  
 UDYOG BUILDING, D.N. ROAD,  
 FORT, MUMBAI (SUBURBAN)  
 MAHARASHTRA  
 Phone:022-66651700, +919820911703  
 FAX :022-22074452

Owner : CHETAN N. SHAH  
 JEEVAN UDYOG BUILDING, 278,  
 D.N. ROAD, FORT, MUMBAI -  
 400 001. GREATER BOMBAY  
 MAHARASHTRA  
 Phone: 022- 66651700  
 FAX : 022-22074452

Agent : Rajnikant B. Pajwani  
 Ashapura Minechem Ltd.  
 Jeevan Udyog Building, 3rd  
 Floor, 278, D.N. Road,  
 Fort, Mumbai MUMBAI  
 (SUBURBAN) MAHARASHTRA  
 Phone: 022-66651700, +919820911703  
 FAX : 022-22074452

## Mining Engineer

Name : BHALCHANDRA TONG, Full Time  
 Qualification : B.E., MINING & 18 years experience  
 Appointment/ : 12-OCT-09 07-OCT-15  
 Termination date

## Geologist

Name : Digvijay Ghodake, Full Time  
 Qualification : Msc. Geology and 4 years experience  
 Appointment/ : 07-SEP-13  
 Termination date

## Manager

Name : P Purandhara Verma  
 Qualification : Diplom In Mining  
 Appointment/ : 06-OCT-16  
 Termination date

## Manager

Name : SANJAI KUMAR SINGH  
 Qualification : AMIE IN MINING  
 Appointment/ : 07-OCT-15  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	02-FEB-05
Plan/Scheme of Mining		Modif.of approved Mining Plan	26-JUL-06
		Mining Scheme rule 12 MCDR1988	01-JUL-11
		Mining Scheme rule 12 MCDR1988	20-JUL-15
		Modif.approved Mining Scheme	22-NOV-18
		MP review under 17(1) MCR 2016	31-MAR-20
		MP review under 17(1) MCR 2016	30-JUL-20

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	15 Trial pits Proposed in earlier Plan period	Nil	Exploration proposal got ratified and updated in Review of Mining Plan approved Dated 30.07.2020 from FY 2020-21 to 2024-25.
1b	Exploration over lease area for geological axis 1 or 2	15 Trial pits Proposed for year 2020-21	Nil	Exploration/Mining operation was not carried out in this mine reportedly due to outbreak of Covid - 19 pandemic and recession in the Bauxite ore-based industries
1c	Exploration Agencies and Expenditure in lakh rupees during the year		NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	19.823 hect	NIL	
1e	Balance reserve as on 01/04/20		(111 & 121) 7.53 mill.Te	As per Review of Mining Plan approved Dated 30.07.2020
1f	General remarks of inspecting officers on geology, exploration etc		Exploration/Mining operation was reported not carried out in the mine in year 2020-21 since outbreak of Covid - 19 pandemic due to Covid - 19 induced lockdowns and recession in the Bauxite ore-based industries. The same reason of nil Production/ non-working is mentioned in the Annual return submitted for FY 2020-21.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	N 1981052.11 to N 1981161.88 E 299321.16 To E 299503.96	Nil	No Production/ development was reported carried out in 2020-21
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Mixed Bench of Top soil, OB and Mineral	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.07	Nil	
2d	Quantity of topsoil generation in m3	Negligible	Nil	
2e	Quantity of overburden generation in m3	15000 M3	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mining operation was reported not carried out in the mine in year 2020-21 since outbreak of Covid - 19 due to Covid induced lockdowns and recession in the Bauxite ore-based industries; the reason of nil Production/ non-working is mentioned in the Annual return submitted for FY 2020-21.

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	3 PITs	Nil	
3b	Quantity of ROM mineral production proposed	0.30 mill. Te in FY 2020-21	Nil	
3d	Quantity of mineral reject generation	0.03 mill. Te in FY 2020-21	Nil	
3f	Quantity of sub grade mineral generation.	Nil	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	NA	
3j	Provision of drilling and blasting in mineral benches	Drilling and Blasting is proposed using 115 mm DTH Drill and Class II explosive	Nil	
3k	Provision of mining machineries in mineral benches	yes HEMMs	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height proposed is 5 to 6 M	No work in 2020-21	
3m	Total area covered under excavation/pits	71.815 Ha for 05 years plan period	Nil	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.07	Nil	
3o	Total area put in use under different heads at the end of year	72.845 Ha for 05 years plan period	Nil	
3p	Production of ROM mineral during the last five year period as applicable	FY 16-17= 891041 T FY 17-18= 946005 T FY 18-19= 480722 T FY 19-20 =798780 T FY 20-21= 300000 T	FY 16-17= 302960 T FY 17-18= 248972 T FY 18-19= 141640 T FY 19-20 = 122035 T FY 20-21= Nil	ROM production fig. is given as per approved Mining Plan/RMP and Annual Returns submitted.

3q	General remarks of inspecting officers on method of mining etc.	Mining operation was reported not carried out in the mine in year 2020-21 due to outbreak of Covid - 19 & Covid induced lockdowns and due to less demand for Bauxite in Domestic and International Market i.e. recession in the Bauxite ore-based industries; the same reason of non-working is also mentioned in the Annual return submitted for FY 2020-21.
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## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	yes	nil	
4b	Location of topsoil, OB and mineral reject dumps	Top soil to be used for plantation and OB to be used for Back filling	Nil in 2020-21	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active and alive dumps.	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Not Applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	

4k	Specific comments of inspecting officer on waste dump management	OB/Intercalated waste generated is proposed for concurrent Back filling and top soil for use in plantation. However, No Mining operations reported carried out in the mine in year 2020-21 due to outbreak of Covid - 19 and recession in the Bauxite ore-based industries
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full extraction of Mineral to be carried out before starting backfilling	Nil	
5b	Area under backfilling of mined out area	2.75 Ha.	Nil	
5d	Total area fully reclaimed and rehabilitated		Nil in 2020-21	So far, total about 26.20 Ha is reported Back filled and out of which 9.26 is reported fully reclaimed and rehabilitated
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No Mining operations reported carried out in the mine in year 2020-21 due to outbreak of Covid - 19 and recession in the Bauxite ore-based industries	

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		yes	

6b	Area available for rehabilitation (ha) .	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	2.75 Ha * 0.5 to 1 M	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	3140 saplings	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not proposed	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not proposed	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring to be carried out in core zone & buffer zone on quarterly basis	being carried out



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No any Mining operations reported carried out in the mine in year 2020-21 due to outbreak of Covid - 19 and recession in the Bauxite ore-based industries
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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise sorting within lease area	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Nil	
7d	Any beneficiation process at mines .	No wet beneficiation is proposed but dry processing proposed to be carried out by Crushing and screening	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No any Mining operations reported carried out in the mine in year 2020-21 due to outbreak of Covid - 19 and recession in the Bauxite ore-based industries	

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	yes	Nil	
8b	Concurrent use or storage of topsoil	Top soil to be concurrently used for plantation	Nil	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	proposed	Nil	So far, total about 26.20 Ha is reported Back filled and out of which 9.26 is reported fully reclaimed and rehabilitated
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	3140 nos. plantation proposed in 2020-21	No afforestation work done in 2020-21	So far, total about 26.20 Ha is reported Back filled and out of which 9.26 is reported fully reclaimed and rehabilitated
8g	Survival rate		NA	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling to be done by tankers.	being carried out	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		No any Mining operations reported carried out in the mine in year 2020-21 due to outbreak of Covid - 19 and recession in the Bauxite ore-based industries; However, aesthetic beauty/greenery in and around the mines area appears to be good.	

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		MR being Submitted ; AR Submitted for FY 2020-21	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager- Mr. Sanjay Kumar Singh Mining Engineer- Mr. Sanjay Kumar Singh Mr. Digvijay Ghodake - Geologist	Manager- Mr. Sanjay Kumar Singh Mining Engineer- Mr. Sanjay Kumar Singh Mr. Digvijay Ghodake - Geologist	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Reclaimed/Rehabilitated Area=26.20 Ha; Under Current O/C Working- 1.21Ha	Reclaimed/Rehabilitated Area=26.20 Ha; Under Current O/C Working- 1.21Ha	As per AR Submitted for FY 2020-21
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock = 112887.230 te	ROM closing stock = 112887.230 te	During FY 2020-21
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine for Cement grade 601.79/- per Tonne , Production Cost-558.56/- Per Tonne	Ex mine for Cement grade 601.79/- per Tonne , Production Cost-558.56/- Per Tonne	As per AR Submitted for FY 2020-21
9h	Scrutiny of Annual return on fixed assets	Rs. 2198611 /-	Rs. 2198611 /-	As per AR Submitted for FY 2020-21
9k	Scrutiny of Annual return on mining machineries	HEMMs	furnished	

**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

**(PREM PRAKASH)**

Indian Bureau of Mines