

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/YTL/LST- 43 /NGP

Mine code : 38MSH26013

- (i) Name of the Inspecting : **G002**) **OM PRAKASH GOPAL**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Mr. Suresh Wandhare, Head Mines, Gopinath Rangaswamy,
Official with
Designation
- (iv) Date of Inspection : 13-Jan-23
- (v) Prev.inspection date : 08-Sep-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GOVARI**
- (b) **Registration NO.** : **IBM/256/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : YEOTMAL
Village : GOVARI
Taluka : WANI
Post office : SINDOLA MINES 445 307
Pin Code : 445307
FAX No. : 07239 - 236272
E-mail : sindola_cd@accement.com
Phone : 07239 - 236272
- (f) Police Station :
- (g) First opening date : 28-Jan-88
- (h) Weekly day of rest : WED
2. Address for : P.O. CEMENT NAGAR
correspondance : DISTT. - CHANDRAPUR
442 502
3. (a) Lease Number : MSH0017
- (b) Lease area : 558.9
- (c) Period of lease : 50
- (d) Date of Expiry : 31-Mar-30
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S CHANDA CEMENT WORKS (ACC)
 CEMENT NAGAR, DISTT.
 CHANDRAPUR (MS) - 442 502
 CHANDRAPUR MAHARASHTRA
 Phone:07172 - 75026
 FAX :07172 - 75165

Owner : Neeraj Akhouri
 MD & CEO , ACC Ltd ACC Ltd,
 Cement House 121,MK Road
 Mumbai MUMBAI (SUBURBAN)
 MAHARASHTRA
 Phone: 02233024321
 FAX : 02266317407

Agent : K. Vamsidhar Reddy
 Director Plant, Chanda
 Cement Works CHANDRAPUR
 MAHARASHTRA
 Phone: 07172285026
 FAX : 07172285165

Mining Engineer

Name : SHRI M.K. MEHTA,Full Time
 Qualification : B.E. MINING
 Appointment/ : 16-Aug-02
 Termination date

Mining Engineer

Name : Kanchan Kumar,Full Time
 Qualification : B.E.Mining
 Appointment/ : 22-Nov-03
 Termination date

Geologist

Name : Gopinath Rengasamy,Full Time
 Qualification : Msc. Geology
 Appointment/ : 15-Oct-02
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	03-Oct-01
		Modif.approved Mining Scheme	02-Dec-03
		Modif.approved Mining Scheme	21-Oct-05
		Modif.of approved Mining Plan	21-Oct-05
		FMCP under 23C(1)	29-Oct-05
		Mining Scheme rule 12 MCDR1988	15-Dec-05
		Modif.approved Mining Scheme	06-Mar-09
		Mining Scheme rule 12 MCDR1988	11-Nov-11
		MP modif under MCR 1960	19-Aug-16
		MP review under 17(1) MCR 2016	17-Dec-20

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	There is no exploration proposal as potentially mineralised area is already explored under G1 level.	NIL	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	NIL
1e	Balance reserve as on 01/04/20	Balance Reserves as on 31/7/2020 : 23.76 million tonnes	NIL	NIL
1f	General remarks of inspecting officers on geology, exploration etc	NIL	NIL	Four limestone bands from top to bottom are named as Band I, Band II, Band III and Band IV seperated by Dolomitic limestone, Calcareous shale and Manganesia limestone respectively . Band IV is underlain by Magnesian shale. Entire potentially mineralised area is explored upto G1 level.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between ML5 to ML15.	Between ML5 to ML15.	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is proposal for development of separate benches in top soil, OB and minerals.	Separate benches for top soil, OB and minerals are being maintained	Bench parameters are as per approved proposal.
2c	Stripping ratio or ore to OB ratio	1:1	1:1.06	NIL
2d	Quantity of topsoil generation in m3	16500cum.	NA	NIL
2e	Quantity of overburden generation in m3	11,83,500 cum	12,22,344 cum	NIL
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	NIL	NIL

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	NIL
3b	Quantity of ROM mineral production proposed	2890000 tonnes	2876177 tonnes	NIL
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	NIL
3d	Quantity of mineral reject generation	No such proposal	NIL	NIL

3e	Grade of mineral rejects generation and threshold value declared.	No such proposal	NIL	NIL
3f	Quantity of sub grade mineral generation.	No such proposal	NIL	NIL
3g	Grade of sub grade mineral generation	Subgrade generation not reported	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting in mineral benches proposed.	Drilling by Epirock Smart Roc T40 drill-1 & Nonel blasting	NIL
3k	Provision of mining machineries in mineral benches	Deployment of mining machenaries proposed	Komatsu PC 1250-1, Volvo 750 LC-1, Hitachi ZX 650H-1, Komatsu PC600-1, HD 465-7 etc deployed	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of bench 8-10 mtrs and Width 15-20 mtrs.	Height of bench 8-10 mtrs and Width 15-20 mtrs.	NIL
3m	Total area covered under excavation/pits	NA	119 ha	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:1	1:1.06	NIL

3o	Total area put in use under different heads at the end of year	As per approved document total area put to use under different heads at the end of plan period are as under: Area under Mining-131.31 ha, storage for top soil- 1.19 ha, Waste dumps- 41 ha, Building/ Infrastructure and roads - 8.27 ha	Area under Mining-119 ha Waste dump-41 ha, Building/ Infrastructure-8.27 Others-7.79 ha	NIL
3p	Production of ROM mineral during the last five year period as applicable	2017-18 2786195 tonnes 2018-19 2784460 tonnes 2019-20 2781270 tonnes 2020-21 2787680 tonnes 2021-22 2890000 tonnes	2017-18 2688727 tonnes 2018-19 2705567 tonnes 2019-20 2731916 tonnes 2020-21 2476233 tonnes 2021-22 2876177 tonnes	NIL
3q	General remarks of inspecting officers on method of mining etc.	NIL	NIL	NIL

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is proposal for seperate dumping of top soil and OB	Separate dumps for top soil & OB are being maintained	NIL

4b	Location of topsoil, OB and mineral reject dumps	Soil- ML 5 to ML15 Backfill - ML11 to ML15	As per proposal	NIL
4c	Number of dumps within lease area and outside of lease area	Within lease - 3	Within lease - 3	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There is no proposal for external dumping. It is proposed that generated waste will be backfilled in exhausted pit.	Generated waste are being backfilled in exhausted pit.	NIL
4e	Number of active and alive dumps.	NIL	NIL	NIL
4f	Number of dead dumps.	NA	NA	NIL
4g	Number of dumps established.	NA	NA	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposal	NA	NIL
4i	Length of Retaining wall or garland drain all along dumps	Construction of 300 m of retaining wall during entire plan period.	100 m	NIL
4j	Number of settling ponds	NIL	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	NIL	NIL	NIL

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full extraction of the mineral before starting backfilling	As per proposal	NIL
5b	Area under backfilling of mined out area	7.5 ha	7.5 ha	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Concurrent use	As per proposal	NIL
5d	Total area fully reclaimed and rehabilitated	There is no such proposal. . However there is proposal for plantation of 3000 saplings on backfilled/ mature dumps.	Planation over dump area	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NIL	NIL	NIL

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).	Report of PMCP implemented should be submitted before 31st of july every year in respect of work done in previous year.	PMCP Report submitted	NIL
6b	Area available for rehabilitation (ha) .	NA	NA	NIL

6c	afforestation done (ha).	1.2 ha	1.2 ha	NIL
6d	No. of saplings planted during the year	3000	3000	NIL
6e	Cumulative no .of plants	NA	NA	NIL
6f	Any other method of rehabilitation	NIL	NIL	NIL
6g	Cost incurred on watch and care during the year	NA	Rs. 5 lakh	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	7.5 ha	7.5 ha	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	31.5 ha at the end of plan period ie 2025-26	NA	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	6 ha at the end of plan period ie 2025-26	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	NIL

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	There is no such proposal	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	There is no such proposal	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	There is no such proposal	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring in core zone and buffer zone	Environmental monitoring are being done in core zone and buffer zone	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NIL	NIL	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatched to cement plant after rushing and sizing	As per proposal	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	NIL

7c	Different grade of mineral sorted out at mines.	No such proposal	NIL	NIL
7d	Any beneficiation process at mines .	No such proposal	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	NIL	NIL

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil will be removed and utilized for spreading over on backfilled and dump area which is matured .	Spraeding over mature dumps.	NIL
8b	Concurrent use or storage of topsoil	Concurrent use	Concurrent use	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Backfilling of OB proposed.	Backfilling are being doe as per proposal	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	For restoring land to its original profile, Backfilling of mined out area is proposed.	Backfilling as per proposal	NIL

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Phased restoration of pit by backfilling.	As per proposal	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Plantation of 3000 saplings	Plantation of 3000 saplings	NIL
8g	Survival rate	NA	82%	NIL
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NIL	NIL	NIL

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	A monthly return shall be submitted to IBM on or before 10th of every month in respect of preceding month. Annual Returns shall be submitted	Monthly Returns and Annual Returns are being submitted in online mode .	NIL

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri Amit Dhote, Geologist: Shri Gopinath Rangaswamy, Manager: Shri S.M. Wandhare.	Mining Engineer, Geologist and Manager are in place.	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area covered under O/C working : 119 ha, Area reclaimed/rehabilitated 21.8 ha, Area used for waste disposal 41 ha Area occupied by plant, buildings roads 8.27 ha and Other purposes 7.79 ha. 8.7	Reported details appear to be in order.	NIL
9d	Scrutiny of Annual return on afforestation	(i) Number of trees planted inside the lease are during the year: 3000 nos. (ii) Survival rate: 82%	Afforestation details apperas to be in order.	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral Rejects generated with grades (tonnes) a. Quantity 0 b. Grade 0 4.3 Underground Mineral Rejects generated with grades (tonnes) a. Quantity 0 b. Grade 0	There is no reject generation thsu reported details are in order	NIL

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: Opening Stocks: NIL, Closing Stocks: NIL; Graded Ore: Opening Stocks: NIL, Closing Stocks: NIL	Details appear to be in order	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Captive onsumption. Sale Value: 0.0; Cost of production: 288.92/ tonnes	Entire dispatch of limestone is to captive cemet plant. Reported details regarding sale value, EMP and production cost appear to be in order.	
9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets: Rs. 366024906	Financial aspects may not be commented upon.	NIL
9k	Scrutiny of Annual return on mining machineries	SHOVEL (HYDRAULIC) 4 CUM- 2 no., SHOVEL (HYDRAULIC) 7.2 CUM- 1 no., BACK HOE 2 nos., DUMPER 60 TONNE -5 no., ROCK DRILL (NONELEC.) 102 MM- 2 nos., DOZER 320 HP - 2 nos., WATER TANKER - 2 no. MOTOR GRADER 244 HP- 1 no., EXPLOSIVE VAN 10.0 TONNE- 1 no., PUMPS 1 nos. EXPLOSIVE VAN 10.020 TONNE- 1 no. JEEP/TRACTOR 70 HP- 2 no. WHEEL LOADER 5 CUM -1no. BACK HOE 0.9 CUM- 2 no.	A Category fully mechanised mine. Mining Machineries details appear to be in order.	

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

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

Date :

(OM PRAKASH GOPAL)

Indian Bureau of Mines