

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/LST-175/HYD

**Mine code :** 38APR11120

- (i) Name of the Inspecting : **M029** ) **MADHU SUDHAN YADAV M**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri.Movva Prakash, QP & Sri. Shashank Srivatsava, Min  
Official with  
Designation
- (iv) Date of Inspection : 10-APR-21
- (v) Prev.inspection date : 25-JAN-18

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KOTAPADU(663.46 HA)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : kotapadu  
Taluka : KOLIMIGUNDLA  
Post office : PERUSOMULA  
Pin Code : 518166  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station : KOLIMIGUNDLA
- (g) First opening date : 06-APR-08
- (h) Weekly day of rest : SUN
2. Address for : PRISM CEMENTS  
correspondance : 305, LAKSHMI NIWAS, AMEERPET,  
HYDERABAD-500016.
3. (a) Lease Number : APR2071
- (b) Lease area : 663.46
- (c) Period of lease : 30
- (d) Date of Expiry : 10-MAR-33
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/S PRISM CEMENT LTD.  
 # 305, LAXMI APTS. AMEERPET  
 HYDERABAD HYDERABAD  
 TELANGANA  
 Phone:3413606,3413609  
 FAX :

Owner : PRISM CEMENTAS  
 305, LAXMI NIVAS APARTMENTS  
 AMEERPET HYDERABAD  
 TELANGANA  
 Phone:  
 FAX :

Agent : S.RAMNATH  
 PRISM CEMENTS LTD. RAHEJAS,  
 MAIN AVENUE, V.P.ROAD,  
 SANTACRUZ (W) MUMBAI  
 (SUBURBAN) MAHARASHTRA  
 Phone: 66754142  
 FAX : 26001304

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	31-OCT-01
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	01-JUN-09
	:	Mining Scheme rule 12 MCDR1988	04-SEP-13

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	
1e	Balance reserve as on 01/04/20		Proved Mineral Reserves as on 01-04-2021 - 104.09 million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc		Entire lease area has been explored in G2 scale. Additional exploration is required to comply rule 12(4) of MCDR, 2017	Entire mineralised has been explored in G1 scale. Additional exploration is proposed in the Modified Mining Plan to increase the confidence of estimates.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No such ratio is proposed.	Nil	

2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	No proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Financial years 2018-19, 2019-20 & 2020-21 is lapsed period. No approved mining plan during this period.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposals	Mining activity is yet to start as cement plant is not yet established	
3b	Quantity of ROM mineral production proposed	No proposal of production	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	No proposal	Nil	

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3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil
3j	Provision of drilling and blasting in mineral benches	No proposal	Nil
3k	Provision of mining machineries in mineral benches	No proposal	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil
3m	Total area covered under excavation/pits	Nil	Nil
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	Nil
3o	Total area put in use under different heads at the end of year	No proposal	Nil

3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 1,40,000 t 2016-17 - 32,12,500 T 2017-18 - 42,25,000 T 2018-19 - No Proposal 2019-20 - No proposal 2020-21 - No proposal	2015-16 - 1,40,000 t 2016-17 - 32,12,500 T 2017-18 - 42,25,000 T 2018-19 - Nil 2019-20 - Nil 2020-21 - Nil	Financial years 2018-19, 2019-20 & 2020-21 is lapsed period. No approved mining plan during this period.
3q	General remarks of inspecting officers on method of mining etc.			Financial years 2018-19, 2019-20 & 2020-21 is lapsed period. No approved mining plan during this period.

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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)	No proposal	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	One	One topsoil dump located in the nothern portion of the lease.	
4g	Number of dumps established.	None	Nil	

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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 dumps	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			One topsoil dump located in the northern portion of the lease.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Production is not yet started in the lease, hence backfilling or reclamation activity does not arise	No area in the mining lease is mined out upto its ultimate pit limit to start backfilling.

## 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).	To be submitted regularly	Submitted.	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	No proposal.	Nil	
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	----	5500 saplings planted till 2020-21.	
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year	No proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Not applicable.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly environmental monitoring of core and buffer zone.	Quarterly environmental monitoring carried out during 2019-20 and all the parameters are within the permissible limit.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No area of pit has mined out and reached its ultimate pit limit to start Reclamation and Rehabilitation and backfilling activities.	

## Mineral Conservation:



Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Production is yet to start, as plant is not yet established. Mineral conservation aspect does not arise at present.

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	5500 saplings has been planted in the lease area till 2020-21.	
8g	Survival rate	No proposal	----	
8h	Water sprinkling on roads to control airborne dust	-----	Water tanker is provided for dust suppression.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Thorn bushes found in the lease area. Bushes clearing work was in progress for starting the mining activities.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted	Submitted	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager - Sri. Movva Prakash Geologist in charge - Nil	Manager - Sri. Movva Prakash	Lessee has informed that Geologist has been appointed and yet to join the duty after easing of pandemic situation and notice of appointment will be sent after joining.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings- 5.0 Ha Waste disposal - 0.25 Ha	No activity is observed in the lease area except establishment of Magazine, Office, access road to office. In row 'Covered under working' is furnished for exploration activity carried out earlier in G2 scale. At present no mining activity is observed in the lease	
9d	Scrutiny of Annual return on afforestation	500 sapplings planted	Nil	Advised to correct the plantation details in the annual returns.
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	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Rs. 758089253/-	As reported by lessee	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	

**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 :**

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines