

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-171/HYD

Mine code : 38APR11157

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Rambabu,qualified person
Official with
Designation
- (iv) Date of Inspection : 09/02/2023
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GADIGAREVULA(25.88 HA)**
- (b) **Registration NO.** : **IBM/607/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : **ANDHRA PRADESH**
District : **KURNOOL**
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : **PCMIL@PANYAMCEMENTS.COM**
Phone : **08516-274623**
- (f) Police Station : **PANYAM**
- (g) First opening date : **01/04/1972**
- (h) Weekly day of rest : **SUN**
2. Address for : **PANYAM CEMENT & MINERAL INDUSTRIES LIMITED**
correspondance : **CEMENT NAGAR - 518206**
KURNOOL DISTRICT,ANDHRA PRADESH STATE.
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : PANYAM CEMENT INDUSTRIES LTD.
CEMENTNAGAR KURNOOL
DSITRICT KURNOOL ANDHRA
PRADESH
Phone:08516-274638
FAX :08516-274644

Owner : NARAYANASWAMY ELAMARAN
PANYAM CEMENT INDUSTRIES
LIMITED CEMENT NAGAR
NANDYAL DISTRICT KURNOOL
ANDHRA PRADESH
Phone: 08516-293622
FAX :

6. Date of approval of Mining : Renewal under rule 24 MCR1960 01/08/2008
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There was no proposal for exploration during the year 2021-22.	No exploration was carried out during the year 2021-22 & 2022-23.	The Mine was not working since 2099 onwards. Subsequently the mine was suspended 10.12.2019.
1b	Exploration over lease area for geological axis 1 or 2	None	Area under G-2 level was 11.59 ha and rest 14.29 ha is under G-3 level.	No remarks to offer.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	----	It was proposed in the draft RMP to carry out 12 drill holes in the year 2023-24 for upgrading the areas under G-2 & G-3 level.	No remarks to offer.
1e	Balance reserve as on 01/04/20	---	As per the draft review of Mining Plan the reserves under 122 are 4,20,900 tonnes	No remarks to offer.
1f	General remarks of inspecting officers on geology, exploration etc	---	No exploration carried out. It was proposed in the RMP that the area under G-2 & G-3 level will be upgaraded to G-1 level in the year 2023-24.	No remarks to offer.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	There is no approved mining plan since 2014 onwards, hence no proposal was there for the year 2021-22.	There was no working in the mining lease. However, three old pits were noticed in the lease area during the inspection.	The mining operations were under suspension since 10.12.2019.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	None	No remarks to offer.

2c	Stripping ratio or ore to OB ratio	Nil	None	None
2d	Quantity of topsoil generation in m3	Nil	None	None
2e	Quantity of overburden generation in m3	Nil	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	None	None

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	None	None
3b	Quantity of ROM mineral production proposed	Nil	None	None
3c	Recovery of sailable/usable mineral from ROM production	Nil	None	None
3d	Quantity of mineral reject generation	Nil	None	None
3e	Grade of mineral rejects generation and threshold value declared.	Nil	None	None
3f	Quantity of sub grade mineral generation.	Nil	None	None
3g	Grade of sub grade mineral generation	Nil	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	None	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	None	None
3j	Provision of drilling and blasting in mineral benches	Nil	None	None
3k	Provision of mining machineries in mineral benches	Nil	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	None	None
3m	Total area covered under excavation/pits	Nil	2.89 ha	No remarks to offer.
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	None
3o	Total area put in use under different heads at the end of year	Nil	2.89 ha under old pits	No remarks to offer.
3p	Production of ROM mineral during the last five year period as applicable	As there was approved document for the last eight years, no production proposal were there.	No production was reported during the last three years.	The mining operations are under suspension since 2019.
3q	General remarks of inspecting officers on method of mining etc.	---	---	No remarks to offer.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	None	None
4b	Location of topsoil, OB and mineral reject dumps	Nil	None	None
4c	Number of dumps within lease area and outside of lease area	Nil	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	None	None
4e	Number of active and alive dumps.	Nil	None	None
4f	Number of dead dumps.	Nil	None	None
4g	Number of dumps established.	Nil	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	None	None
4i	Length of Retaining wall or garland drain all along dumps	Nil	None	None
4j	Number of settling ponds	Nil	None	None
4k	Specific comments of inspecting officer on waste dump management	Nil	None	None

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.	---	No backfilling was carried out duirng the year 2021-22.	None

5b	Area under backfilling of mined out area	None	Nil	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	Nil	None
5d	Total area fully reclaimed and rehabilitated	Nil	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	No remarks to offer.

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).	---	None	No remarks to offer. The mine is under suspension since December 2019.
6b	Area available for rehabilitation (ha) .	Nil	None	None
6c	afforestation done (ha).	Nil	None	None
6d	No. of saplings planted during the year	Nil	None	None
6e	Cumulative no .of plants	Nil	None	None
6f	Any other method of rehabilitation	Nil	None	None
6g	Cost incurred on watch and care during the year	Nil	None	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	None	None

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Nil	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Nil	None	None
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Nil	None	None
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	None	None
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	None	None

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	None	None
----	---	-----	------	------

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	None	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	None	None
7c	Different grade of mineral sorted out at mines.	Nil	None	None
7d	Any beneficiation process at mines	Nil	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	None	No remarks to offer.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	None	None
8b	Concurrent use or storage of topsoil	Nil	None	None

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	None	None
8g	Survival rate	Nil	None	None
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	---	No remarks to offer.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Nil	None	The mining operations are suspended since December 2019.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	None	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	None	None
9d	Scrutiny of Annual return on afforestation	Nil	None	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	None	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	None	None
9h	Scrutiny of Annual return on fixed assets	---	None	None
9k	Scrutiny of Annual return on mining machineries	Nil	None	The mining operations are under suspension since December 2019.

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 :**(A.V.Ramesh Kumar)**

Indian Bureau of Mines