

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

Mining Plan inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-271/HYD

Mine code : 38APR11181

- (i) Name of the Inspecting : K007) SHAIVAL KARTIKEYA
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Venkata Ramana Putlur, DGM (Mines)
Official with
Designation
- (iv) Date of Inspection : 07-AUG-23
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) Mine Name : NANDAVARAM(9.526 HA)
- (b) Registration NO. :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : KURNOOL
Village : NANDAVARAM
Taluka : BANAGANAPALLI MANDAL
Post office : NANDAVARAM
Pin Code : 518343
FAX No. :
E-mail :
Phone :
- (f) Police Station : BANGANAPALLI
- (g) First opening date : 01-JUN-72
- (h) Weekly day of rest : SUN
2. Address for : M/s Panyam minerala & cement industries limited
correspondance : Nandyal District
3. (a) Lease Number :
(b) Lease area : 9.522 Ha.
(c) Period of lease : 50 Years
(d) Date of Expiry : 31-March-2030
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : PANYAM CEMENTS&MINERALINDUSTRIESLTD
BUGGANIPALLI CEMENTNAGAR
R.S.(SCR) KURNOOL DIST.
KURNOOL ANDHRA PRADESH
Phone:08516 - 74838.
FAX :74644

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	2023-24: 05 nos. of trial pits with cumulative depth of 25.0 meters have been made.	No previous exploration has been done in the lease area. The mine is non-operation since beginning. Mining operations not started after execution of the mining lease. Exploration proposal for detailed exploration under G1 level has been given in the draft Mining Plan.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil.	Based on the 05 nos. of trial pits 1.226 Ha. Ha. area has been converted into G1 level and remaining 8.296 Ha. area has been considered under G3 level of exploration.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil.	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil.	-do-
1e	Balance reserve as on 01/04/20	No previous estimation has been done.	Could not be ascertained as no previous approved document is available.	-do-

1f	General remarks of inspecting officers on geology, exploration etc	As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.	The mining lease area is a part of the well-known Cuddapah Basin comprising Proterozoic rocks of the Cuddapah Supergroup. Rocks of this Supergroup are overlain by a younger group of rocks, known as the Kurnool Group comprising the following formations: Kurnool Group Lithology Nandyal Formation (100 - 300 m) Shale & limestone Koilkuntla Formation (0 - 100 m) Limestone and calcareous flag Panyam Quartzite (0 - 60 m) Shale, quartzite with basal conglomerate. Auk Shale (0 - 20 m) Shale (Ocherous)	Narji Formation (0 - 200 m) Calcareous flags Massive limestone Flaggy and massive limestone Banaganapalli Formation (0 - 30m) quartzite with basal conglomerate The regional geology is dominated by the different formations of the Kurnool Group. The Narji Limestone Formation is economically significant from the point of view of the contained cement grade limestone.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	02 nos. of old working pits with different dimensions were found in between UTM co-ordinates Pit No. 1: N1701900 to N1702000 and E207000 to E207100 Pit No. 2: N1701800 to N1701900 and E207100 to E207200	Mining operations not started so far after execution on the mining lease deed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil.	-do-

2c	Stripping ratio or ore to OB ratio	No proposal.	Nil.	-do-
2d	Quantity of topsoil generation in m3	No proposal.	Nil.	-do-
2e	Quantity of overburden generation in m3	No proposal.	Nil.	-do-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal.	02 nos. of old working pits with different dimensions were found in between UTM co-ordinates Pit No. 1: N1701900 to N1702000 and E207000 to E207100 Pit No. 2: N1701800 to N1701900 and E207100 to E207200	Mining operations not started so far after execution on the mining lease deed.
3b	Quantity of ROM mineral production proposed	No proposal.	Nil.	-do-

3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Nil.	-do-
3d	Quantity of mineral reject generation	No proposal.	Nil.	-do-
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil.	-do-
3f	Quantity of sub grade mineral generation.	No proposal.	Nil.	-do-
3g	Grade of sub grade mineral generation	No proposal.	Nil.	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	Nil.	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil.	-do-
3j	Provision of drilling and blasting in mineral benches	No proposal.	Nil.	-do-
3k	Provision of mining machineries in mineral benches	No proposal.	Nil.	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal.	Nil.	-do-
3m	Total area covered under excavation/pits	No proposal.	Could not be ascertained as no approved document is present.	-do-
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil.	-do-

3o	Total area put in use under different heads at the end of year	No proposal.	Could not be ascertained as no approved document is present.	-do-
3p	Production of ROM mineral during the last five year period as applicable	F.Y. 2018-19: No proposal. F.Y. 2019-20: No proposal. F.Y. 2020-21: No proposal. F.Y. 2021-22: No proposal. F.Y. 2022-23: No proposal.	F.Y. 2018-19: Nil production. F.Y. 2019-20: Nil production. F.Y. 2020-21: Nil production. F.Y. 2021-22: Nil production. F.Y. 2022-23: Nil production.	-do-
3q	General remarks of inspecting officers on method of mining etc.			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

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.	Mining operations not started so far after execution on the mining lease deed.
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil.	-do-

4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil.	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil.	-do-
4e	Number of active and alive dumps.	No proposal.	Nil.	-do-
4f	Number of dead dumps.	No proposal.	Nil.	-do-
4g	Number of dumps established.	No proposal.	Nil.	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil.	-do-
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil.	-do-
4j	Number of settling ponds	No proposal.	One check dam was found in between UTM co-ordinates N1701600 to N1701700 and E207300 to E207400	-do-
4k	Specific comments of inspecting officer on waste dump management			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	Nil.	Mining operations not started so far after execution on the mining lease deed.
5b	Area under backfilling of mined out area	No proposal.	Nil.	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil.	-do-
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil.	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	As per rule 26(2), lessee has to submit the annual report before 1st day of July of every year.	Not submitted.	Mining operations not started so far after execution on the mining lease deed.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil.	-do-
6c	afforestation done (ha).	No proposal.	Nil.	-do-
6d	No. of saplings planted during the year	No proposal.	Nil.	-do-
6e	Cumulative no .of plants	No proposal.	Nil.	-do-
6f	Any other method of rehabilitation	No proposal.	Nil.	-do-
6g	Cost incurred on watch and care during the year	No proposal.	Nil.	-do-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil.	-do-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil.	-do-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	Nil.	-do-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil.	-do-

6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	Nil.	-do-
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	Nil.	-do-
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal.	Nil.	-do-
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal.	Nil.	-do-
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil.	-do-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	Nil.	Mining operations not started so far after execution on the mining lease deed.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	Nil.	-do-
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil.	-do-
7d	Any beneficiation process at mines .	No proposal.	Nil.	-do-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil.	Mining operations not started so far after execution on the mining lease deed.
8b	Concurrent use or storage of topsoil	No proposal.	Nil.	-do-

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil.	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil.	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil.	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	Nil.	-do-
8g	Survival rate	No proposal.	Nil.	-do-
8h	Water sprinkling on roads to control airborne dust	No proposal.	Nil.	-do-

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	As per the judgment of the Honb'le National Company Law Tribunal dated 25/06/2021, Amravati Bench, resolution plan for M/s Panyam Cements and Mineral Industries Limited (Sick Unit) given by M/s RV Consulting Services Private Limited and M/s Sagar Power Limited has been accepted. In accordance with the judgment, Mining plan has been submitted for its approval.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to November 2018 A.R. Submitted F.Y. 2019-20.	M.R. Submitted up to November 2018 A.R. Submitted F.Y. 2019-20.	Mining operations not started so far after execution on the mining lease deed.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not submitted.	Could not be ascertained as no updated returns have been submitted.	-do-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	-do-	-do-	-do-
9d	Scrutiny of Annual return on afforestation	-do-	-do-	-do-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	-do-	-do-	-do-

9f	Scrutiny of Annual return on ROM stock and/or graded ore	-do-	-do-	-do-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	-do-	-do-	-do-
9h	Scrutiny of Annual return on fixed assets	-do-	-do-	-do-
9k	Scrutiny of Annual return on mining machineries	-do-	-do-	-do-

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 :

(SHAIVAL KARTIKEYA)

Indian Bureau of Mines