

**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-122/HYD

Mine code : 38APR11162

- (i) Name of the Inspecting : K007) SHAIVAL KARTIKEYA
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri B. Guru Prasad, Partner
Official with
Designation
- (iv) Date of Inspection : 15/12/2022
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : CHANDRAPALLI (3.289 HA)
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : Chandrapalli
- Taluka : Peapally
- Post office : Peapally
- Pin Code : 518221
- FAX No. : -
- E-mail : guruprasad.yadav999@gmail.com
- Phone : 9908138964
- (f) Police Station : PEAPALLY
- (g) First opening date : -
- (h) Weekly day of rest : SUN
2. Address for : D.NO. 8/491
correspondance GOOTY RAILWAY STATION
GOOTY MANDAL, KURNOOL DISTRICT
3. (a) Lease Number : -
- (b) Lease area : 3.289 Ha.
- (c) Period of lease : 20 Years
- (d) Date of Expiry : 05/03/2023
4. Mineral worked : LIMESTONE Main
WHITE SHALE Associated
DOLOMITE Associated

5. Name and Address of the

Lessee : M/S NARIVENI MINERALS
PEAPALLY MANDAL KURNOOL
DISTRICT KURNOOL ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 26/06/2002
Plan/Scheme of Mining : MP review under 17(1) MCR 2016 16/12/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	F.Y. 2022-23: 07 nos. of DTH boreholes with cumulative depth of 178.0 meters have been drilled.	The entire lease area has been explored under G1 level of exploration. The mine is non operational from more than 5 years due to no environment clearance. The mine does not have the valid approved document from F.Y. 2018-19.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	The entire lease area has been explored under G1 level of exploration with 07 nos. of DTH boreholes.	-do-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	M/s Nariveni Minerals	-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	As on 01/04/2022 Under (121): 0.0408 Million Tonnes	As on 01/04/2022 Under (121): 0.0408 Million Tonnes	Nil production has been done and no mining activity has been done during last 5 years. CaO: 50.96% SiO2: 0.80%

1f	General remarks of inspecting officers on geology, exploration etc	The lessee does not have the valid approved document from F.Y. 2018-19 to till date. The rock formation of lease form part of Vempalli stage (Papagni) Cuddapah system. Vempalli formation is constituted of Purple shale, Dolomite, Limestone and igneous intrusives in the lower part. Dolomite in the immediate adjoining vicinity is partially altered due to igneous activity and resulted in mineralisation of embedded Serpentine and Steatite.	Tuffaceous limestone deposition has occurred in the dipressions of water courses at a number of places and of significant thickness of a few meters and quantities of viable exploitation due to its higher CaO content. Southern part of the leasehold is covered with thin soil/debris cover to the tune of 0.50m Thickness. It is interpreted that below the soil cover, the Tuffaceous limestone occurs.	The lease area is constituted of calc-tufa, which is a secondary deposition due water solution and capillary action, overlying the country rock in the west and southeast parts of the lease hold and the rest is constituted of Dolomite. Serpentinised Dolomites and Shale. The borehole data revealed occurrence of alternating Dolomite and Shale beds. Alternating Dolomite Steatite beds and Dolomite in order of superimposition.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	Nil, four old Pit No. 1 (0.10 Ha), Pit No. 2 (0.84 Ha.), Pit No. 3 (0.20 Ha.) and Pit No. 4 (0.55 Ha.) are present within lease area with the depth of 2.0 m to 18 meters.	Mining operations are closed from more than 5 years due to no environment clearance.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil, Profile of the existing oil pits: Topsoil: Approx 0.50 m to 1.0 m Mineral/Ore: 2.0 m to 18.0 m	-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			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal.	Nil.	Mining operations are closed from more than 5 years due to no environment clearance.
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.	Nil, Pit/Quarry: 1.69 Ha.	-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.	Pit- 1.69 Ha. Waste/reject- 0.06 Ha. Others- 0.29 Ha.	-do-
3p	Production of ROM mineral during the last five year period as applicable	Yr. 2017-18: 19239 Metric Tonne. Yr.-2018-19: No Proposal. Yr.-2019-20: No Proposal. Yr.-2020-21: No Proposal. Yr.-2021-22: No proposal.	Yr. 2017-18: Nil Production. Yr.-2018-19: Nil Production. Yr.-2019-20: Nil Production. Yr.-2020-21: Nil Production. Yr.-2021-22: Nil Production.	-do-

3q	General remarks of inspecting officers on method of mining etc.	The lessee does not have the valid approved document from F.Y. 2018-19 to till date.
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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, One old waste dump was present in-between latitude 15 12' 53.15" to 15 12' 53.37" and longitude 77 48' 02.08" to 77 48' 02.84"	Mining operations are closed from more than 5 years due to no environment clearance.
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.	01 no.	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Waste dump was present within ultimate pit limit.	-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.	Nil.	-do-
4k	Specific comments of inspecting officer on waste dump management			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

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 proposal.	Nil.	Mining operations are closed from more than 5 years due to no environment clearance.
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.			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

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).	Not submitted.	Deviation has been pointed out.	Mining operations are closed from more than 5 years due to no environment clearance.
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.	-do-	Nil.
6e	Cumulative no .of plants	No proposal.	-do-	Nil.
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 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.			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

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 are closed from more than 5 years due to no environment clearance.
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			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil.	Mining operations are closed from more than 5 years due to no environment clearance.
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			The lessee does not have the valid approved document from F.Y. 2018-19 to till date.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to NIL. A.R. Submitted up to NIL.	M.R. Submitted up to NIL. A.R. Submitted up to NIL.	Mining operations are closed from more than 5 years due to no environment clearance.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No returns have been submitted sofar.	Nil.	-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 cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(SHAIVAL KARTIKEYA)

Indian Bureau of Mines