

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLR/MC-357

**Mine code :** 41APR15112

- (i) Name of the Inspecting : **DP09** ) **D.P.Ravi kumar**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 18/10/2024
- (v) Prev.inspection date : 11/03/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **HEMANTH KUMAR**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Underground
- (e) Postal address :  
State : ANDHRA PRADESH  
District : NELLORE  
Village : Chemdidi  
Taluka : gudur  
Post office : kandali  
Pin Code :  
FAX No. :  
E-mail :  
Phone : 23326013
- (f) Police Station :
- (g) First opening date : 14/09/2005
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance
3. (a) Lease Number : APR2976
- (b) Lease area : 8.8
- (c) Period of lease : 20
- (d) Date of Expiry : 04/09/2025
4. Mineral worked : MICA Main  
FELSPAR Associated  
QUARTZ Associated  
VERMICULITE Associated

## 5. Name and Address of the

Lessee : M.HEMANTHA KUMAR  
M.HEMANTHAKUMAR ERRAMANZIL  
COLONY PUNJAGUTTA, HYDERABAD  
HYDERABAD TELANGANA  
Phone: 23326013  
FAX :

Owner : M.HEMANTHKUMAR  
M.HEMANTHKUMAR, I.C.95, YERRA  
MANGIL  
COLONY, PUNJAGUTTA, HYDERABAD  
HYDERABAD TELANGANA  
Phone:  
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 26/07/2005  
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 is no backlog for exploration.	No exploration was carried out during the year 2023-24.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
1b	Exploration over lease area for geological axis 1 or 2	No exploration was proposed during the year 2023-24.	No exploration was carried out during the year 2023-24	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2		The area under G1 level was 1.83 ha and 6.968 ha., area is to be explored.	-do-

1e	Balance reserve as on 01/04/20	Nil	The balance reserves as on 1.4.2024 Vermiculite =3625 tonnes, Quartz= 309762 t, Feldspar= 100294 t, Mica = 15414 t	-do-
1f	General remarks of inspecting officers on geology, exploration etc		No exploration was carried out during the year 2023-24	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process. Vermiculite occurs at the contact zone of the Micaceous Schist and Pegmatite.

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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No exploration was carried out during the year 2023-24	No exploration was carried out during the year 2023-24	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	-do-	-do-	-do-
2c	Stripping ratio or ore to OB ratio	do-	-do-	-do-
2d	Quantity of topsoil generation in m3	-do-	-do-	-do-
2e	Quantity of overburden generation in m3	-do-	-do-	-do-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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### Exploitation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	09 nos. of small pits are existing in the lease area.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
3b	Quantity of ROM mineral production proposed	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	No production was reported during the year 2023-24.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
3c	Recovery of sailable/usable mineral from ROM production	Nil	Nil	None
3d	Quantity of mineral reject generation	Nil	Nil	-do-

3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	-do-
3f	Quantity of sub grade mineral generation.	Nil	Nil	-do-
3g	Grade of sub grade mineral generation	Nil	Nil	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	-do-
3j	Provision of drilling and blasting in mineral benches	Nil	Nil	-do-
3k	Provision of mining machineries in mineral benches	Nil	Nil	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Nil	-do-

3m	Total area covered under excavation/pits	Nil	2.784 HA ( as on 31.03.2020) The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
3n	Ore to OB ratio for the pit/mine during the year.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

30 Total area put in use under different heads at the end of year	Covered under current (O-C) Workings=2.784 ha., ) Used for waste disposal=0.628 ha., Occupied by plant, buildings, residential, welfare buildings and roads=0.114 ha.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
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3p	Production of ROM mineral during the last five year period as applicable	2020-21=Quartz=3570 t, Feldspar=1913 t, Mica=282 t, Vermiculite=304 t  2021-22=Quartz=8154 t, feldspar=4342 t, mica= 607 t, vermiculite=319 t 2022-23=quartz=10726 t, feldspar=5671, mica=748 t vermiculite=254 t, 2023-24=quartz=14895t, feldspar=7933 t, mica=1111 t, vermiculite=254 t 2024-25=quartz=14190 t, feldspar=7542 t, mica=1039 t, vermiculite 592 t	2019-20=Nil, 2020-21=Nil, 2021-22=Nil, 2022-23=Nil, 2023-24=Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
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3q General remarks  
of inspecting  
officers on  
method of mining  
etc.

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Mechanised method  
of Mining has been  
adopted. Further,  
the mine was not  
working for the  
last six years  
due to no  
environmental  
clearance  
(EC).The earlier  
document was  
approved on  
19.11.2020.  
Further, lessee  
submitted the  
draft Review of  
Mining plan to  
this office and  
same is under  
process.

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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 separate dumping of toposoil, ob and mineral reject.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

4b	Location of topsoil, OB and mineral reject dumps	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	No top soil dump.Only one waste dumps is there within the ML.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
4c	Number of dumps within lease area and outside of lease area	-do-	one dump is within the lease area.	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-do-	Within UPL.	-do-
4e	Number of active and alive dumps.	-do-	one active dump	-do-
4f	Number of dead dumps.	-do-	Nil	-do-
4g	Number of dumps established.	-do-	one dump	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	-do-	Nil	-do-
4i	Length of Retaining wall or garland drain all along dumps	-do-	Nil	-do-
4j	Number of settling ponds	-do-	Nil	-do-

4k	Specific comments of inspecting officer on waste dump management	Only one dump is existing in the lease area. Further, the mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
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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.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
5b	Area under backfilling of mined out area	-do-	-do-	-do-

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5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	-do-	-do-	-do-
5d	Total area fully reclaimed and rehabilitated	-do-	-do-	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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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	submitted	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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6b	Area available for rehabilitation (ha) .	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
6c	afforestation done (ha).	-do-	-do-	-do-
6d	No. of saplings planted during the year	-do-	-do-	-do-
6e	Cumulative no .of plants	-do-	250 saplings	-do-
6f	Any other method of rehabilitation	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
6g	Cost incurred on watch and care during the year	-do-	-do-	-do-

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	-do-	-do-	-do-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	-do-	-do-	-do-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	-do-	-do-	-do-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	-do-	-do-	-do-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	-do-	-do-	-do-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	-do-	-do-	-do-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	-do-	-do-	-do-

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	-do-	-do-	-do-
6p	Compliance of environmental monitoring (core zone and buffer zone)	-do-	-do-	-do-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	-do-	-do-	-do-
7c	Different grade of mineral sorted out at mines.	-do-	-do-	-do-
7d	Any beneficiation process at mines .	-do-	Nil.Only Manual seggregation/grading in respect of minor mineral.	-do-

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Only manual segregation and grading was done in the past in respect of Minor Mineral. Vermiculite is directly saleable in market. Further, The mine was not working for the last six years due to no environmental clearance (EC). The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The mine was not working for the last six years due to no environmental clearance (EC). The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	Nil	The mine was not working for the last six years due to no environmental clearance (EC). The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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8b	Concurrent use or storage of topsoil	-do-	Earlier utilised for planation.	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	-do-	Nil	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	Nil	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-do-	-do-	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-do-	-do-	-do-
8g	Survival rate	-do-	-do-	-do-
8h	Water sprinkling on roads to control airborne dust	-do-	-do-	-do-

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation activity needs to be taken up along the 7.5m safety barrier zone of the ML boundary for improving the aesthetic beauty of the mine. Further, the mine was not working for the last six years due to no environmental clearance (EC). The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	The lessee is submitting Nil returns timely. Further, Tte mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.	None	The lessee is submitting Nil returns timely. Further, Tte mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist-Not appointed	Manager = Shri Cillara srikanth.	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits =2.784 ha.	Area under pits =2.784 ha.	-do-
9d	Scrutiny of Annual return on afforestation	Nil	None	-do-

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	-do-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	-do-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	None	-do-
9h	Scrutiny of Annual return on fixed assets	Nil	None	-do-
9k	Scrutiny of Annual return on mining machineries	Nil	None	The mine was not working for the last six years due to no environmental clearance (EC).The earlier document was approved on 19.11.2020. Further, lessee submitted the draft Review of Mining plan to this office and same is under process.

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**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 :**

**(D.P.Ravi kumar)**

Indian Bureau of Mines