

**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-224/HYD

Mine code : 38APR11149

- (i) Name of the Inspecting : **DP09**) **D.P.Ravi kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri Bhat QP and Shri C.Ravindranath Reddy, lessee
Official with
Designation
- (iv) Date of Inspection : 10/05/2024
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RANGAPURAM(7.789 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : RANGPURAM
- Taluka : BETHAMCHERUVU
- Post office : RANGPURAM
- Pin Code : 518599
- FAX No. :
- E-mail :
- Phone :
- (f) Police Station : BANGANAPALLI
- (g) First opening date : 01/01/2022
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked :

5. Name and Address of the
Lessee : C.RAVINDRANATH REDDY
KURNOOL ANDHRA PRADESH
Phone:
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining
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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposal.	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
1b	Exploration over lease area for geological axis 1 or 2	No valid proposals	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-do-	Nil	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	-do-	Nil	-do-
1e	Balance reserve as on 01/04/20	-do-	Nil	-do-

1f	General remarks of inspecting officers on geology, exploration etc	The limestone is formed by the sedimentary deposit and covered by the basic intrusive of tuff. The tuffaceous limestone is a secondary formation of calcium bicarbonate solution, which were derived from pre existing carbonate rocks and deposited along the banks of nalas by chemical precipitation over intrusive rock.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposal.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	-do-	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

2c	Stripping ratio or ore to OB ratio	No valid proposal.	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
2d	Quantity of topsoil generation in m3	No valid proposal.	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
2e	Quantity of overburden generation in m3	No valid proposal.	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	No valid proposal.	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
3b	Quantity of ROM mineral production proposed	-do-	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
3c	Recovery of sailable/usable mineral from ROM production	-do-	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
3d	Quantity of mineral reject generation	-do-	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

3e	Grade of mineral rejects generation and threshold value declared.	-do-	-do-	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
3f	Quantity of sub grade mineral generation.	-do-	-do-	-do-
3g	Grade of sub grade mineral generation	-do-	-do-	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	-do-	-do-	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	-do-	-do-	-do-
3j	Provision of drilling and blasting in mineral benches	-do-	-do-	-do-
3k	Provision of mining machineries in mineral benches	-do-	-do-	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	-do-	-do-	-do-
3m	Total area covered under excavation/pits	-do-	-do-	-do-

3n	Ore to OB ratio for the pit/mine during the year.	-do-	-do-	-do-
3o	Total area put in use under different heads at the end of year	-do-	-do-	-do-
3p	Production of ROM mineral during the last five year period as applicable	-do-	-do-	-do-
3q	General remarks of inspecting officers on method of mining etc.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposal.	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
4b	Location of topsoil, OB and mineral reject dumps	-do-	-do-	-do-
4c	Number of dumps within lease area and outside of lease area	-do-	-do-	-do-

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-do-	-do-	-do-
4e	Number of active and alive dumps.	-do-	-do-	-do-
4f	Number of dead dumps.	-do-	-do-	-do-
4g	Number of dumps established.	-do-	-do-	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	-do-	-do-	-do-
4i	Length of Retaining wall or garland drain all along dumps	-do-	-do-	-do-
4j	Number of settling ponds	-do-	-do-	-do-
4k	Specific comments of inspecting officer on waste dump management	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No valid proposal.	No valid proposal.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
5b	Area under backfilling of mined out area	-do-	-do-	-do-
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 is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

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).	No valid proposal.	No valid proposal.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
6b	Area available for rehabilitation (ha) .	-do-	-do-	-do-
6c	afforestation done (ha) .	-do-	-do-	-do-
6d	No. of saplings planted during the year	-do-	-do-	-do-
6e	Cumulative no .of plants	-do-	-do-	-do-
6f	Any other method of rehabilitation	-do-	-do-	-do-
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 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 is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposal.	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	-do-
7c	Different grade of mineral sorted out at mines.	No valid proposals.	-do-	-do-
7d	Any beneficiation process at mines .	-do-	-do-	-do-

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Beneficiation is not lrrarranted.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal.	No valid proposal.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.
8b	Concurrent use or storage of topsoil	-do-	-do-	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	-do-	-do-	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	-do-	-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	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	To be submitted in time.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit aIl the statutory returns in time regularly.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit aIl the statutory returns in time.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit aIl the statutory returns in time regularly.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	<p>The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit all the statutory returns in time regularly.</p>
9d	Scrutiny of Annual return on afforestation	Nil	Nil	<p>The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit all the statutory returns in time regularly.</p>

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	<p>The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit all the statutory returns in time regularly.</p>
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	<p>The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advised to lessee to submit all the statutory returns in time regularly.</p>

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advided to lessee to submit aIl the statutory returns in time regularly.
9k	Scrutiny of Annual return on mining machineries	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advided to lessee to submit aIl the statutory returns in time regularly.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advided to lessee to submit aIl the statutory returns in time regularly.	The mine is non working for the last 12 years. The last approved mining plan was valid till 31/03/2011. Further, the review of mining plan was approved on 18.07.2024. Further , advided to lessee to submit aIl the statutory returns in time regularly.

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