

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

Review and updatation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/ANP/LST-38/HYD

Mine code : 19APR02049

- (i) Name of the Inspecting : K007) SHAIVAL KARTIKEYA
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri J C Ravinder Reddy Lessee
Official with
Designation
- (iv) Date of Inspection : 05-JAN-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

- 1. (a) Mine Name : JULAKALVA (35.265 HA)
- (b) Registration NO. : IBM/15375/2013
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : ANANTAPUR
Village : Julakalva
Taluka : Singanamala
Post office :
Pin Code :
FAX No. :
E-mail : RCJAGROS@GMAIL.COM
Phone : 9000993793, 8686974782
- (f) Police Station : SINGANAMALA
- (g) First opening date : 09-APR-09
- (h) Weekly day of rest : SUN
- 2. Address for correspondance : SRI J C RAVINDER REDDY
8-48/49, RENUKA GATED COMMUNITY
NEAR MAHILA PRANGANAM ANANTPUR-515002
- 3. (a) Lease Number :
(b) Lease area : 35.265 Ha.
(c) Period of lease : 20 yrs.
(d) Date of Expiry : 27/03/2029
- 4. Mineral worked : LIMESTONE Main
WHITE SHALE Associated
DOLOMITE Associated

5. Name and Address of the

Lessee : J C RAVINDER REDDY
ANANTAPUR ANDHRA PRADESH
Phone:
FAX :

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

: Fresh under rule 22 MCR1960

11-JAN-07

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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 proposal.	F.Y. 2021-22: 06 nos. of core boreholes with cumulative depth of 158 meters.	-
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	Under G1 Category: 5.318 Ha Under G3 category: 29.947 Ha	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	NIL	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	NIL	-

1e	Balance reserve as on 01/04/20	Balance reserves as on 01.04.2021 (in Million Tonnes) Limestone: Under (111): 0.144 Million Tonnes Under (121): 0.139 Million Tonnes Under (122): 0.139 Million Tonnes Dolomite: Under (111): 0.792 Million Tonnes Under (121): 0.783 Million Tonnes Under (122): 0.780 Million Tonnes White Shale: Under (111): 0.013 Million Tonnes Under (121): 0.013 Million Tonnes Under (122): 0.013 Million Tonnes	Balance reserves as on 01.04.2021 (in Million Tonnes) Limestone: Under (111): 0.144 Million Tonnes Under (121): 0.139 Million Tonnes Under (122): 0.139 Million Tonnes Dolomite: Under (111): 0.792 Million Tonnes Under (121): 0.783 Million Tonnes Under (122): 0.780 Million Tonnes White Shale: Under (111): 0.013 Million Tonnes Under (121): 0.013 Million Tonnes Under (122): 0.013 Million Tonnes	NIL production reported after execution of the lease.
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1f	General remarks of inspecting officers on geology, exploration etc	<p>The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13. Lapse Period: F.Y. 2013-14 to 2021-22</p> <p>The area forms south - western part of the Cuddapah Basin. The area is part of cheyyeru basin with dendrytic drainage pattern. The Super - group of rock units met in and around the area are belong to Tadpatri Dolomite of Chitravati group of Cuddapah system.</p>	<p>The Local Geology of the area comprises multiple beds of Dolomite through-out the applied area. The Dolomite bands are mineralised in major part of the land with maximum height of 160 to 175 m. At low levels Lime Stone in the form of Lime Kankar is seen spreading with extended quantity at Western side from north end to south end. The Limestone is porous in nature and in pisolitic form with very hard structure.</p>	<p>The thickness of Limestone beds varies from 1 m to 2 m at some places it is about 3.5 to 4 m. The white shale of 1 to 1.5 m thickness at some places & 2 m thickness is under-laid to Lime stone. At elevated area Dolomite beds are exposed to surface. Very thin soil cover is overlaid over the Lime Kankar and Dolomite beds along with exposure of Limestone at lower level and Dolomite at higher levels. Thin soil cover is there at upper levels.</p>
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	NIL	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Topsoil: 01 no. Mineral/Ore: 01 no.	-

2c	Stripping ratio or ore to OB ratio	No proposal.	NIL	-
2d	Quantity of topsoil generation in m3	No proposal.	NIL	-
2e	Quantity of overburden generation in m3	No proposal.	NIL	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13. Lapse Period: F.Y. 2013-14 to 2021-22.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal.	02 nos.	-
3b	Quantity of ROM mineral production proposed	No proposal.	NIL Production of ROM during F.Y. 2020-21	-
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	NIL	-
3d	Quantity of mineral reject generation	No proposal.	NIL	-
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	NIL	-
3f	Quantity of sub grade mineral generation.	No proposal.	NIL	-

3g	Grade of sub grade mineral generation	No proposal.	NIL	-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	NIL	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	NIL	-
3j	Provision of drilling and blasting in mineral benches	No proposal.	NIL	-
3k	Provision of mining machineries in mineral benches	No proposal.	NIL	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal.	NIL	-
3m	Total area covered under excavation/pits	No proposal.	NIL	-
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	NIL	-
3o	Total area put in use under different heads at the end of year	Pit- No proposal Waste/reject- No proposal Others- No proposal.	Pit- 0.329 Ha. Waste/reject- NIL Others- 0.348 Ha.	-

3p	Production of ROM mineral during the last five year period as applicable	Yr- 2016-17:	Yr- 2016-17: NIL
		No Proposal	production
		Yr- 2017-18:	Yr- 2017-18: NIL
		No Proposal	production
		Yr- 2018-19:	Yr- 2018-19: NIL
		No Proposal	production
3q	General remarks of inspecting officers on method of mining etc.	Yr- 2019-20:	Yr- 2019-20: NIL
		No Proposal	production
		Yr- 2020-21:	Yr- 2020-21: NIL
		No Proposal	production
		Yr- 2020-21:	Yr- 2020-21: NIL
		No Proposal	production

The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13.
Lapse Period: F.Y. 2013-14 to 2021-22

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal.	NIL	-
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	NIL	-
4c	Number of dumps within lease area and outside of lease area	No proposal.	NIL	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	NIL	-
4e	Number of active and alive dumps.	No proposal.	NIL	-
4f	Number of dead dumps.	No proposal.	NIL	-
4g	Number of dumps established.	No proposal.	NIL	-

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	NIL	-
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	NIL	-
4j	Number of settling ponds	No proposal.	NIL	-
4k	Specific comments of inspecting officer on waste dump management			The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13. Lapse Period: F.Y 2013-14 to 2021-22.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	NIL	-
5b	Area under backfilling of mined out area	No proposal.	NIL	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	NIL	-
5d	Total area fully reclaimed and rehabilitated	No proposal.	NIL	-

5e General remarks of inspecting officers on backfilling and reclamation etc.

The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13.
Lapse Period: F.Y. 2013-14 to 2021-22.

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.	NIL	Violation has been pointed out.
6b	Area available for rehabilitation (ha) .	No proposal.	NIL	-
6c	afforestation done (ha).	No proposal.	NIL	-
6d	No. of saplings planted during the year	No proposal.	NIL	-
6e	Cumulative no .of plants	No proposal.	NIL	-
6f	Any other method of rehabilitation	No proposal.	NIL	-
6g	Cost incurred on watch and care during the year	No proposal.	NIL	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	NIL	-

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	NIL	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal.	NIL	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	NIL	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	NIL	-
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	NIL	-
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal.	NIL	-
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal.	NIL	-

6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	NIL	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13. Lapse Period: F.Y. 2013-14 to 2021-22.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	NIL	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	NIL	-
7c	Different grade of mineral sorted out at mines.	No proposal.	NIL	-
7d	Any beneficiation process at mines	No proposal.	NIL	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13. Lapse Period: F.Y. 2013-14 to 2021-22.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	NIL	-
8b	Concurrent use or storage of topsoil	No proposal.	NIL	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	NIL	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	NIL	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	NIL	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	NIL	-
8g	Survival rate	No proposal.	NIL	-
8h	Water sprinkling on roads to control airborne dust	No proposal.	NIL	-

8i General remarks of inspecting officer on aesthetic beauty in and around mines area

The Mine is non-operational since long. Mine does not have valid approved document after F.Y. 2012-13.
Lapse Period: F.Y. 2013-14 to 2021-22.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto - November 2022 A.R. Submitted upto- F.Y. 2020-21	M.R. Submitted upto - November 2022 A.R. Submitted upto- F.Y. 2020-21	Violation has been pointed out for non submission of Monthly Returns for the month of December 2021
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Not appointed Mining Engineer: Not appointed Geologist: Not appointed	Manager: Not appointed Mining Engineer: Not appointed Geologist: Not appointed	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 0.0 Ha. Waste/reject- 0.0 Ha. Others- 0.0 Ha.	Pit- 0.329 Ha. Waste/reject- NIL Others- 0.348 Ha.	NIL
9d	Scrutiny of Annual return on afforestation	NIL Plantation	NIL Plantation	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral reject: NIL Grade: NIL	Mineral reject: NIL Grade: NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock: ROM: NIL Graded Ore: NIL	Closing Stock: ROM: NIL Graded Ore: NIL	NIL

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value: NIL Ex-Mine Price: NIL Cost of Production: NIL	Sale Value: NIL Ex-Mine Price: NIL Cost of Production: NIL	NIL
9h	Scrutiny of Annual return on fixed assets	Not given	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	Not given	NIL	NIL

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 : 13/01/2022

शैवाल कार्तिकेय
13/01/2022
(SHAIVAL KARTIKEYA)

Indian Bureau of Mines