

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/ANP/W-SH-12/HYD

Mine code : 38APR02008

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : G.RAVI PRASAD REPRESENTATIVE
Official with
Designation
- (iv) Date of Inspection : 29/09/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAGIMANITHIPPA (41.42 AC)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : ANANTAPUR
Village : NAGARUR
Taluka : TADPATRI
Post office : NAGARUR
Pin Code : 515456
FAX No. : -
E-mail : -
Phone : 274226, 274266(0),2 74244,;
- (f) Police Station : Yadiki
- (g) First opening date : 01/02/1983
- (h) Weekly day of rest : SUN
2. Address for : KODAPURAM(R.S)- 516444,
correspondance CUDDAPAH DIST, ANDHRAPRADESH
CELLNO=9440155975
3. (a) Lease Number : APR0864
- (b) Lease area : 16.07
- (c) Period of lease : 20
- (d) Date of Expiry : 09/05/2013
4. Mineral worked : DOLOMITE Associated
SHALE Associated
SERPENTINE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : G. RAM MOHAN RAO
 KONDAPURAM(R.S) CUDDAPAH
 ANDHRA PRADESH
 Phone:72026, 72066(O),72044,72077(R)
 FAX :

Owner : G.RAMMOHANRAO
 KONDAPURAM(R.S) ANANTAPUR
 ANDHRA PRADESH
 Phone: 274226(O),27427
 FAX :

Mining Engineer

Name : G.SRINIVASULU,Full Time
 Qualification : DIPLOMA IN MINING ENGINEERING
 Appointment/ : 19/05/1998
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	19/08/1999
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	23/12/2004
		Mining Scheme rule 12 MCDR1988	02/05/2013

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	13 Boreholes have been proposed.	7 Trial pits and 4 Boreholes have been drilled	As stated in approved document, 9 Boreholes could not be taken up due to economic constraints.
1b	Exploration over lease area for geological axis 1 or 2	G2 level of exploration	4 ha- G1 scale of exploration and 1.6 ha G2 scale of exploration.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No agency and expenses have been proposed.	The lessee carried out exploration under the supervision of self since he is a Mining Engineer. The expense incurred is Rs.58,000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	16.76 ha G1 scale exploration	About 12 ha of G1 Scale exploration.	
1e	Balance reserve as on 01/04/20	Limestone=6000 T, Dolomite=82,000 T, White Shale=137,000 T	Limestone=6000 T, Dolomite=82,000 T, White Shale=137,000 T	The reserve estimation has been done as afresh in the document which has been approved on 1.11.2017.
1f	General remarks of inspecting officers on geology, exploration etc	It is a simple sedimentary bedded deposit with the proposed G2 scale of exploration.	The ML area as said pertains to simple sedimentary bedded deposit with partly G1 and G2 scale of exploration and about 11 ha need to bring into G2 scale of exploration.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No valid proposals exists for the year 2016-17.	-	No mining operations could take place in the subject mine as the mining operations got suspended on account of non approved mining proposals.The valid approved proposals lapsed on 31.3.2014
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid approved proposals exists for the year 2016-17.	A thin mantle of top soil exists constituting a bench of less than 0.5m bench. The remaining benches are in mineral zone.	
2c	Stripping ratio or ore to OB ratio	No valid proposals exists for the year 2016-17.	The overburden is negligible.	
2d	Quantity of topsoil generation in m3	No valid proposals exists.	During the year 2016-17, there is no generation of top soil.	
2e	Quantity of overburden generation in m3	No valid approved proposals exists for the year 2016-17.	During the year 2016-17, there is no generation of overburden.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid approved proposals of development exists for the year 2016-17.	However, the pit has been developed by forming suitable mineral benches of about 3m height each.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposals exists for the year 2016-17	Mining is being carried out in two pits	
3b	Quantity of ROM mineral production proposed	No valid proposals exists.	No production is done.	
3c	Recovery of sailable/usable mineral from ROM production	No valid proposals exists for the year 2016-17.	No production is done in the year 2016-17 and the recovery of saleble mineral does not arise.	

3d	Quantity of mineral reject generation	No valid proposals exists for the year 2016-17.	There is no generation of mineral rejects.	
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposals exists for the year 2016-17.	Does not arise.	
3f	Quantity of sub grade mineral generation.	No valid proposals exists for the year 2016-17.	There is no generation of sub grade mineral.	
3g	Grade of sub grade mineral generation	No valid proposals exists for the year 2016-17.	There is no generation sub grade mineral.	
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposals exists for the year 2016-17.	Does not arise.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposals exists for the year 2016-17.	No beneficiation study is being carried out.	
3j	Provision of drilling and blasting in mineral benches	No valid proposals exists for the year 2016-17.	No drilling and blasting is practiced in the mineral benches.	
3k	Provision of mining machineries in mineral benches	No valid proposals exists for the year 2016-17.	No mining machinery is deployed in the mineral benches.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposals exists for the year 2016-17.	-	The approved Scheme of mining is lapsed on 31.3.2014.
3m	Total area covered under excavation/pits	No valid proposals exists for the year 2016-17.	The extent degraded is 1.3 ha.	
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposals exists for the year 2016-17.	There is no sizable overburden exists.	

3o	Total area put in use under different heads at the end of year	No valid proposals exists for the year 2016-17.	The total extent put to use is 3.31 ha
3p	Production of ROM mineral during the last five year period as applicable	Limestone Production proposed: 2012-13=1000 T, 2013-14=384 T, 2014-15 to 2016-17= No valid approved proposals.	Limestone Production achieved: 2012-13 to 2016-17= Nil production.
3q	General remarks of inspecting officers on method of mining etc.	Opencast semi mechanised method of mining	The mining operations are of semi mechanised opencast method of mining being practiced.

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 approved proposals exists for the year 2016-17.	There exists thin mantle of top soil and a seperate bench of 0.5m has been formed.	
4b	Location of topsoil, OB and mineral reject dumps	No valid approved proposals exists for the year 2016-17.	There exists no sizeable dumps in the ML area.	
4c	Number of dumps within lease area and outside of lease area	No valid approved proposals exists for the year 2016-17	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid approved proposals exists for the year 2016-17	Nil	
4e	Number of active and alive dumps.	No valid approved proposals exists for the year 2016-17	Nil.	
4f	Number of dead dumps.	No valid approved proposals exists for the year 2016-17	Nil	

4g	Number of dumps established.	No valid approved proposals exists for the year 2016-17	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid approved proposals exists for the year 2016-17	Does not arise.
4i	Length of Retaining wall or garland drain all along dumps	No valid approved proposals exists for the year 2016-17	Does not arise.
4j	Number of settling ponds	No valid approved proposals exists for the year 2016-17	Nil
4k	Specific comments of inspecting officer on waste dump management	No valid approved proposals exists for the year 2016-17	As said there is no sizeable generation of overburden/waste material and thus the management of dump does not arise.

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 valid approved proposals exists for the year 2016-17	The minerals occuring in the ML area are yet to exhaust and therefore commencement of backfillig does not arise.	
5b	Area under backfilling of mined out area	No valid approved proposals exists for the year 2016-17	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid approved proposals exists for the year 2016-17	No top soil was generated in the year 2016-17.	
5d	Total area fully reclaimed and rehabilitated	No valid approved proposals exists for the year 2016-17.	Nil	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposals have been made since the mineral is yet to exhaust.	In view of the persistanncce of the mineral, no back filling and reclamation is envisaged.
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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).	No valid approved proposals exists for the year 2016-17	-	
6b	Area available for rehabilitation (ha) .	No valid approved proposals exists for the year 2016-17	Nil.	
6c	afforestation done (ha).	No valid approved proposals exists for the year 2016-17	No affiresation is done.	
6d	No. of saplings planted during the year	No valid approved proposals exists for the year 2016-17	None.	
6e	Cumulative no .of plants	About 100 saplings exist	100 saplings.	No additional planataion could take palce in the 2016-17
6f	Any other method of rehabilitation	No valid approved proposals exists in the year 2016-17	None.	
6g	Cost incurred on watch and care during the year	No such details have been furnished.	-	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid approved proposals exists in the year 2016-17	Does not arises as such the area is yet to mature.	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid approved proposals exists in the year 2016-17.	Does not arise.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No valid approved proposals exists in the year 2016-17.	Does not arise.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid approved proposals exists in the year 2016-17.	Does not arise.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No valid approved proposals exists in the year 2016-17.	Does not arise.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No valid approved proposals exists in the year 2016-17.	There is no waste land with in ML area.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No valid approved proposals exists in the year 2016-17	There is no waste land with in ML area.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No valid approved proposals exists in the year 2016-17	Does not arise.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid approved proposals exists in the year 2016-17	Mine was under non operation during the year 2016-17 and no monitoring is done.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There are no PMCP proposals during the year 2016-17.	Does not arise as the mineral still persists at depth.
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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 approved proposals exists in the year 2016-17	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid approved proposals exists in the year 2016-17	None.	
7c	Different grade of mineral sorted out at mines.	No valid approved proposals exists in the year 2016-17	None	
7d	Any beneficiation process at mines .	No valid approved proposals exists in the year 2016-17	None.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid approved proposals exists in the year 2016-17	There is no mineral losses either during mining or sorting.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid approved proposals exists in the year 2016-17	There was no removal & utilisation of Top soil.	

8b	Concurrent use or storage of topsoil	No valid approved proposals exists in the year 2016-17	Does not arise.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid approved proposals exists in the year 2016-17	There exist no sizeble overburden/waste/reject dumps
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid approved proposals exists in the year 2016-17	Does not arise.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid approved proposals exists in the year 2016-17	Does not arise.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No information is available.	There exists 100 saplings with in the ML area.
8g	Survival rate	No valid approved proposals exists in the year 2016-17	around 60%
8h	Water sprinkling on roads to control airborne dust	No valid approved proposals exists in the year 2016-17	The mine is not in operation in the year 2016-17.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid approved proposals exists in the year 2016-17	There is not much aesthithic beauty prevails in and around area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	MR shall be submitted before 10th of every month in respect of preceding month. AR which shall be submitted before 1st July each year for the preceding Financial Year.	Submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished	Furnished.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished	Furnished.
9d	Scrutiny of Annual return on afforestation	To be furnished.	Furnished.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	Nil rejects is furnished.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	Furnished to be Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	Ex.mine price is Rs.303/-Cost of production is Rs.166/-
9h	Scrutiny of Annual return on fixed assets	To be furnished.	Furnished to Rs.5,00,000/-
9k	Scrutiny of Annual return on mining machineries	To be furnished.	Furnished.

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 :**(M.Pratap.Reddy)**

Indian Bureau of Mines