

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/ANP/L.ST-9/HYD

Mine code : 38APR02026

- (i) Name of the Inspecting : **S41**) **Y M SIVA PRASAD**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Shri P.V.Narayana Rao, Quualifide Person and I.Sreera
Official with
Designation
- (iv) Date of Inspection : 11/03/2019
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGARUR (3.286 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : ANANTAPUR
Village : NAGARUR
Taluka : YADIKI
Post office : NAGARUR
Pin Code :
FAX No. : -
E-mail : -
Phone : 08516--222069/220601,98481!
- (f) Police Station : YADIKI
- (g) First opening date : 01/06/1984
- (h) Weekly day of rest : SUN
2. Address for : I.SREE RAMULU
correspondance : D.NO-13/78, PATHAPETA,
DHONE(PO)-518222
3. (a) Lease Number : APR1084
- (b) Lease area : 3.29
- (c) Period of lease : 20
- (d) Date of Expiry : 30/05/2023
4. Mineral worked : LIMESTONE Main
DOLOMITE Associated

5. Name and Address of the

Lessee : M/S.ANDHRA MINERAL INDUSTRIES
 SRI.I.SREERAMULU(M.G.PARTNE
 R) D.NO.13/78,
 PATHAPETA DONE(PO) KURNOOL
 ANDHRA PRADESH
 Phone:(08516)-220601(R), 222069(O)
 FAX :-

Owner : I.SREE RAMULU
 I.SREE RAMULU POST:DHONE
 DIST:KURNOOL.. KURNOOL
 ANDHRA PRADESH
 Phone: 08516-222069
 FAX :

Geologist

Name : SRI I. PRASAD,Full Time
 Qualification : B.SC (GEOLOGY)
 Appointment/ : 01/04/2009
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	13/10/2004
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	30/08/2010
		MP modif under 17(3) MCR 2016	05/06/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals	N I L	
1b	Exploration over lease area for geological axis 1 or 2	04 Core bore holes.	As proposed exploration of 04 core bore holes were drilled and completed..	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Akshaya Exploration Co.	Akshaya Exploration Co.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	0.5443 ha	0.5443 ha. under G1 catagory.	
1e	Balance reserve as on 01/04/20	47098 tonnes	41972 Tonnes.	
1f	General remarks of inspecting officers on geology, exploration etc	N ONE	NONE	NONE

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Grid lines S 30 to N 75 and W 20 to E 25	Grid lines S 30 to N 75 and W 20 to E 25	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches in OB and mineral.	The Seperate benches in OB and mineral are maintained.	
2c	Stripping ratio or ore to OB ratio	1 : 0.12	1 : 0.12	
2d	Quantity of topsoil generation in m3	147.50 cum	121 cum.Top soil so generated is utilised for plantation purpose along 7.5 m safety barrier zone.	
2e	Quantity of overburden generation in m3	O B in the form of soil and Dolomitic rock.	The generation of Dolomitic rock is disposed after approval of DMG.	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NONE	NONE	NONE
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit.	One pit.	
3b	Quantity of ROM mineral production proposed	12116 tonnes	5126 tonnes.	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	600 cum	522 cum	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	N I L	
3f	Quantity of sub grade mineral generation.	No proposal	N I L	
3g	Grade of sub grade mineral generation	No proposal.	N I L	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual.	Manual.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	N I L	
3j	Provision of drilling and blasting in mineral benches	Jack Hammer Drilling and Blasting by slurry cartridges.	Jack Hammer drilling is carried out in mineral benches and blasting is done by slurry cartridge, ordinary detonators.	

3k	Provision of mining machineries in mineral benches	No proposals	Mining is carried out by manual.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1.5 m.	1.5 m bench height. It is suitable for method of mining as proposed in modified mining plan.	
3m	Total area covered under excavation/pits	0.5443 ha	0.543 ha.	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.12 ha.	1:0.12 ha.	
3o	Total area put in use under different heads at the end of year	Area under excavation=0.5443 ha. Roads=0.1139 ha.	Area under excavation=0.5443 ha. Roads=0.1139 ha.	
3p	Production of ROM mineral during the last five year period as applicable	2013-14=2205 tonnes. 2014-15=No proposal 2015-16=No proposal 2016-17=No proposal. 2017-18=12116 tonnes.	2013-14=510 tonnes. 2014-15=234 tonnes. 2015-16=1969 tonnes. 2016-17=4583 tonnes. 2017-18=5126 tonnes.	
3q	General remarks of inspecting officers on method of mining etc.	NONE	NONE	NONE.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Seperate dumping of OB and mineral rejects.	Yes., Seperate dumping of OB and mineral rejects is observed.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Seperate dumping of OB and mineral rejects on N W of the ML.	Seperate dumping of OB and mineral rejects on N W of the ML.	
4e	Number of active and alive dumps.	One.	One active dump.	

4f	Number of dead dumps.	No proposals.	N I L	
4g	Number of dumps established.	No proposal.	N I L	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	N I L	
4i	Length of Retaining wall or garland drain all along dumps	No proposals	N I L	
4j	Number of settling ponds	No proposal.	N I L	
4k	Specific comments of inspecting officer on waste dump management	NONE	NONE	NONE

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 proposals.	Mine is not matured for reclamation.	
5b	Area under backfilling of mined out area	No proposals.	N I L	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	N I L	
5d	Total area fully reclaimed and rehabilitated	-----	-----	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NONE	NONE	NONE

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).	Annual report is to be submitted to this office as per bstatuate.	Lessee has submitted yearly report to this office.	
6b	Area available for rehabilitation (ha) .	No proposal.	N I L	
6c	afforestation done (ha).	0.060 HA	0.040 ha.	
6d	No. of saplings planted during the year	100 saplings	30 saplings	
6e	Cumulative no .of plants	100 saplings	50 saplings.	
6f	Any other method of rehabilitation	No proposal	N I L	
6g	Cost incurred on watch and care during the year	No proposals	N I L	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposals	N I L	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	N I L	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NONE	NONE	NONE

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	5126 TONNES	1230 TONNES	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7d	Any beneficiation process at mines .	No proposal	N I L	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NONE	NONE	NONE

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil generation is very less.The soil generated will be used for plantation purpose along 7.5 m barrier zone.	Top soil so generated is utilised for plantation along with the 7.5 m safety barrier zone.	
8b	Concurrent use or storage of topsoil	Top soil is used concurrently for plantation.	Lessee is nutilising top soil for plantation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Seperate dump for OB, waste rock and rejects on N W of ML area.	Seperate dump for OB, waste rock and rejects on N W of ML area is observed.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Waste generation is kept at dump yard, waste will be used for backfilling in future.	The mine is not matured for backfilling.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	N I L	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	0.12 ha.	0.031 ha.	
8g	Survival rate	No proposals.	30%	
8h	Water sprinkling on roads to control airborne dust	No proposal	N I L	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NONE	NONE	NONE

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns and Annual return are to be submitted as per statute.	Lessee is submitting Monthly returns and Annual return for the year 2017-18 through on-line.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager= Shri A.Nagaraju.	Mines Manager= Shri A.Nagaraju.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	0.8 ha.	0.8 ha.	
9d	Scrutiny of Annual return on afforestation	50 saplings	30 saplings	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N I L	There is no generation of mineral rejects.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	1238 tonnes	1238 tonnes.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs 275/-	Rs 275/-
9h	Scrutiny of Annual return on fixed assets	Not mentioned	N I L
9k	Scrutiny of Annual return on mining machineries	JEEP/TRACTOR 35.000 HP 1 Non Electrical Opencast	JEEP/TRACTOR 35.000 HP 1 Non Electrical Opencast

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 :

(Y M SIVA PRASAD)

Indian Bureau of Mines