

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/ANP/L.ST-10/HYD

Mine code : 38APR02029

- (i) Name of the Inspecting : **S41**) **Y M SIVA PRASAD**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 07/11/2017
- (v) Prev.inspection date : 18/10/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGARUR(S.NO.12 D)**
- (b) **Registration NO.** : **IBM/6924/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : **ANDHRA PRADESH**
District : **ANANTAPUR**
Village : **NAGAUR**
Taluka : **YADIKI**
Post office : **NAGAUR**
Pin Code :
FAX No. : **9347038591**
E-mail : **-**
Phone : **CELL NO=9394523485,9347038!**
- (f) Police Station : **YADIKI**
- (g) First opening date : **01/04/1986**
- (h) Weekly day of rest : **SUN**
2. Address for : **TADIPATRI ROAD NEAR BUSSTAND**
correspondance : **GOOTY (PO)&MANDAL**
ANATPUR.DIST,ANDHRAPRADESH
3. (a) Lease Number : **APR0389**
- (b) Lease area : **5.32**
- (c) Period of lease : **20**
- (d) Date of Expiry : **31/05/2002**
4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : D.SESHAREDDY (MINEOWNER)
 TADIPATRI ROAD GOOTY(PO)
 ANANTAPUR ANDHRA PRADESH
 Phone:CELLNO= 9393725715
 FAX :

Owner : SRID.SESHAREDDY
 TADIPATRI ROAD NEAR
 BUSSTAND GOOTY (POST)
 &MANDAL ANANTAPUR ANDHRA
 PRADESH
 Phone: CELLNO=93937257
 FAX : -

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	02/09/2005
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	25/02/2015
		Mining Scheme rule 12 MCDR1988	20/11/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	06 Core bore holes were proposed during the year 2015-16.	Exploration of 06 Core bore holes have not been carried out.	During last MCDR inspection, violation of rule 13(1) of MCDR 1988 .Now lessee has submitted form I U/R 47 OF MCDR 2017.Commincement of bore holes on 31/12/2017.
1b	Exploration over lease area for geological axis 1 or 2	Geological Axis 1.	---	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	N I L	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G 1 = 2. 0 ha.	Proposaed exploration Exploration have not been carried out.	

G 4 = 1. 2
ha.

1e Balance reserve as on 01/04/20 Proved reserves (111) = 186439 tonnes. 171939 tonnes.

Feasibility
Mineral
Resource =
12000 tonnes.

1f General remarks of inspecting officers on geology, exploration etc 06 nos of core bore holes are proposed during the 2015-16. Exploraion of 06 core bore holes were not carried out. by thje lessee. Violationof cum Show cause notic was e issued during last MCDR inspection. Now lessee has submitted Form I U/R 47 OF MCDR 2017. Commincement of bore holes on 31/12/2017.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In pit no. 1.	In pit no.1 only.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Section A A'	Section A A'	
2c	Stripping ratio or ore to OB ratio	1 : 0.11	1 : 0.3	
2d	Quantity of topsoil generation in m3	1070.	N I L	
2e	Quantity of overburden generation in m3	1067	N I L	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Pit no. 1	Pit no. 1.	
3b	Quantity of ROM mineral production proposed	24000 tonnes	14500 tonnes.	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	No proposals	N I L	
3e	Grade of mineral rejects generation and threshold value declared.	N I L	N I L	
3f	Quantity of sub grade mineral generation.	N I L	N I L	
3g	Grade of sub grade mineral generation	N I L	N I L	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual method of segregating from ROM.	
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting in mineral benches is proposed.	Drilling and blasting in mineral benches is carried out.	
3k	Provision of mining machineries in mineral benches	Yes.	Excavator with bucket capacity 0.9 Cu.M.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height - 3.0 m. Width: 6 m.	Yes. It is suitable for method of mining as proposed in MP /SOM.	
3m	Total area covered under excavation/pits	0.16 ha.	0.16 ha.	
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.11	1 : 0.11	

3o	Total area put in use under different heads at the end of year	2.723 ha.	2.723 ha.
3p	Production of ROM mineral during the last five year period as applicable	2012-13 : N I L. 2013-14 : N I L. 2014-15 : 24075 tonnes. 2015-16 : 24000 tonnes. 2016-17 : 24000 tonnes	2012-13 : 3100 tonnes. 2013-14 : 654 tonnes.

2014-15 : N I L.
2015-16 : 11500 tonnes.
2016-17 : 14500 tonnes

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	N I L	
4b	Location of topsoil, OB and mineral reject dumps	North side of the lease area.	No dump was observed during the inspection.	

Easting E
802414 to
802431,
Northng N
1657811 to
1657824.

4c	Number of dumps within lease area and outside of lease area	One dump within the lease area .North side of the lease area.	No dump was observed during the inspection.
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4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Easting E 802414 to 802431, Northng N 1657811 to 1657824. One dump within the lease area .North side of the lease area.	N I L
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4e	Number of active and alive dumps.	Easting E 802414 to 802431, Northng N 1657811 to 1657824. N I L	N I L
4f	Number of dead dumps.	No proposals	N I L
4g	Number of dumps established.	One temperory dump.	N I L
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	N I L
4j	Number of settling ponds	No proposals	N I L

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	N I L	
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)	1070.	N I L	
5d	Total area fully reclaimed and rehabilitated	After extaction of the entire mineralthe area will be restored by backfilling the wasteand afforestation will be done over the reclaimed area.	Mine is not yet matured for reclamation.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	N I L	N I L	N I L

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).	Yearly report for the year 2016-17 has tosubmit as per statute.	Lessee has submitted yearly report for the year 2016-17.	
6b	Area available for rehabilitation (ha) .	No proposals	Not matured for rehabilitation.	
6c	afforestation done (ha).	0.05 ha	50 number of saplings planted along the 7.5 saftey barrer zone.	
6d	No. of saplings planted during the year	80 saplings.	50 number of saplings planted along the 7.5 saftey barrer zone.	

6e	Cumulative no .of plants	480.	250.	
6f	Any other method of rehabilitation	N I L	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	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals.	N I L	N I L
6p	Compliance of environmental monitoring (core zone and buffer zone)	Seasonal monitoring of water, noise levels, vibration levels.	Not carriedout.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals	N I L	
7b	Method of grade- wise mineral sorting i.e. manual or mechanical.	No proposals	N I L	
7c	Different grade of mineral sorted out at mines.	ROM will be subjected to crushing and screening plant as per the buyers requirement.	Lessee has not established the screening plant in the mine.	

7d	Any beneficiation process at mines .	The ROM will be feed to the crushing and screening plant. The ore will be crushed 5 mm to 45 mm size later ore will be sent to screening. The crushed material will be segregated by screening at various sizes as per the requirement of endusers.	It is not observed during the inspection.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	N I L	N I L	N I L

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	N I L	
8b	Concurrent use or storage of topsoil	N I L	N I L	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	N I L	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	N I L	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals	N I L	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	N I L	50 saplings are planted along the 7.5 m safety barrier zone.	
8g	Survival rate	60%	50%	
8h	Water sprinkling on roads to control airborne dust	No proposals	N I L	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	N I L	N I L	N I L

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns Annual return for the year 2016-17 are to be submitted as per statute.	Monthly returns for the year 2016-17 are submitted. But lessee has not submitted Annual return for the year 2016-17 to this office.	Violation letter issued to lessee on September 2017.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Does not arise.	N I L	N I L
9k	Scrutiny of Annual return on mining machineries	Lessee has not submitted Annual return for the year 2016-17.	N I L	Violation letter issued to lessee in the September month of 2017.

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