

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

**MCDR inspection REPORT**

**Hyderabad regional office**

**Mine file No :** AP/ANP/L.ST-25/HYD

**Mine code :** 38APR02030

- (i) Name of the Inspecting : **S41** ) **Y M SIVA PRASAD**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Sri.Balaram, Mines Manager.  
Official with  
Designation
- (iv) Date of Inspection : 06/09/2017
- (v) Prev.inspection date : 03/01/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAGARUR(4.202HA)**
- (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 :  
FAX No. : -  
E-mail : -  
Phone : 9390054827,9440017581,9441:
- (f) Police Station :
- (g) First opening date : 01/05/2006
- (h) Weekly day of rest : THU
2. Address for : NEAR CHANDANA GATE  
correspondance RAYALACHERUVU (PO&V)  
TADIPATRI (M), ANANTAPUR, DIST, A.P.
3. (a) Lease Number : APR2457
- (b) Lease area : 4.2
- (c) Period of lease : 20
- (d) Date of Expiry : 22/02/2026
4. Mineral worked : LIMESTONE Main  
DOLOMITE Associated

## 5. Name and Address of the

Lessee : A.SURESH  
NEAR CHANDANAGATE  
RAYALACHERUVU (V) TADIPATRI  
(M) ANANTAPUR ANDHRA  
PRADESH  
Phone:  
FAX :

Owner : A.SURESH(M.G.PART)M/S.SWATIMINES  
4/98,EXTENSION,RAYALACHERUV  
U(V) TADIPATRI(MANDALAM)  
ANANTAPUR ANDHRA PRADESH  
Phone:  
FAX :

Manager  
Name : B.RAJASEKHAR  
Qualification : FOREMAN 2008  
Appointment/ : 08/04/2006  
Termination date

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 20/09/2016  
Plan/Scheme of Mining

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	N I L	N I L	
1b	Exploration over lease area for geological axis 1 or 2	Four DTH and one core bore hole. during the year 2016-17.	P roposed Exploration not carried out.	The violation of rule 11(1) of MCDR 2017 is pointed out to Lessee.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	N I L	N I L	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Four Bore holes wirth 30 m. depth and one core bore hole	N IL	Exploration work not carried out.The violation of rule 11)1) of MCDR 2017 pointed out to lessee.
1e	Balance reserve as on 01/04/20	111 : 0.0252 Million Tones. 122 : 0.1029 MT.	0.1127 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Lessee has not carried out exploration work.The violation of rulem11(1) of MCDR 2017 pointed out lessee.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E 802242 TO 802334 , N 1657663 TO 1657733.	Development carried as proposed. E 802242 TO 802334 , N 1657663 TO 1657733.	

Section A- A'

Section A- A'

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals.	N I L	
2c	Stripping ratio or ore to OB ratio	1 : 2.61	1 : 2.58	
2d	Quantity of topsoil generation in m3	3412 cu.m	3000 cu.m	
2e	Quantity of overburden generation in m3	11603 cu.m	6000 cu.m.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	N I L	N I L	N I L

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	03 Pits.	03 pits were observed during inspection.	
3b	Quantity of ROM mineral production proposed	26667 tonnes	15320 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	100%	90%	
3d	Quantity of mineral reject generation	35830 tonnes	25632 tonnes	
3e	Grade of mineral rejects generation and threshold value declared.	No proposals	N I L	
3f	Quantity of sub grade mineral generation.	No proposals	There is no generation of sub grade mineral.	
3g	Grade of sub grade mineral generation			

3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method.	Yes. Mechanised method.
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	Drilling and Blasting in mineral benches proposed.	Drilling is done by I R drilling machine with 83 mm dia. Blasting is by slurry explosive.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The bench height 3 m and width is 6 m will be maintained.	The same was observed during the inspection. Yes. suitable for method of mining as proposed in Review of Mining Plan.
3m	Total area covered under excavation/pits	0.60 ha.	0.60 ha.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 2.61	1 : 2.60
3o	Total area put in use under different heads at the end of year	Area excavated : 0.60 ha, OB dump : 0.46 ha. Roads : 0.07 ha.	Area excavated : 0.60 ha, OB dump : 0.46 ha. Roads : 0.07 ha.
3p	Production of ROM mineral during the last five year period as applicable	26667 tonnes.	15320 tonnes.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Dumping of top soil on outside UPL.	Top soil as proposed on out side UPL.	
4b	Location of topsoil, OB and mineral reject dumps	Southern side of the lease area	Top soil dumped in southern side of the lease area	

4c	Number of dumps within lease area and outside of lease area	one within ML area.	One dump within Mining Lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump is within UPL.	Dump is within UPL.
4e	Number of active and alive dumps.	One active dump.	One active dump.
4f	Number of dead dumps.	No proposals.	N I L
4g	Number of dumps established.	One.	One.
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaing Wall : 145 m L X 1.0 m W x 1.0 m H.	The same was observed on date of inspection.
		Garland Drain : 151 m L X 1.0 m W X 1.0 m H.	
4i	Length of Retaining wall or garland drain all along dumps	Retaing Wall : 145 m L X 1.0 m W x 1.0 m H.	Retaing Wall : 145 m L X 1.0 m W x 1.0 m H.
			Garland Drain : 151 m L X 1.0 m W X 1.0 m H.
		Garland Drain : 151 m L X 1.0 m W X 1.0 m H.	
4j	Number of settling ponds	No proposals	N I L

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Solid Waste Management - Backfilling:

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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 proposals	The mine is not yet 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	Topo soil dumped on southern side of mining lease area.
5d	Total area fully reclaimed and rehabilitated	No proposals	Mine is not yet matured for reclamation.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	N I L	N I L	None.

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Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Lessee has to submit annual report under rule 26 (2) of MCDR 2017.	The lessee has not submitted annual report.	The violation of rule 26(2) of MCDR 2017 pointed to lessee.
6c	afforestation done (ha).	0.2175 ha.	0.2 ha	
6d	No. of saplings planted during the year	250 Saplings.	100 nos Saplings.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			

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Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral despatch as per buyers requirement.	ROM will be directly loaded into tippers and supplied to the consumers.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.		

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil generated will be stored at Top siol storage temporarily within lease area and it will be used for Plantation work.	Top soil generated for afforestation purpose.	used
8b	Concurrent use or storage of topsoil	For use in plantation.	Top siol used for plantation.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	250 nos saplings proposed.	100 saplings planted.	
8h	Water sprinkling on roads to control airborne dust	Water sprikling on haul roads		

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Lessee has to submit monthly returns & annual returns as per statuate.	Lessee has submitted monthly returns and annual return for the year 2016-17 through On-Line.	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager ; Shri Balaram Prasad.	Mines Manager ; Shri Balaram Prasad.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		
9d	Scrutiny of Annual return on afforestation	100 Saplings are planted.	It is observed that lessee planted 100 saplings
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Stock : 5330 tonnes.	It is observed 5330 tonnes as ROM sTOCK.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-Mine Price : Rs. 250.00/	Ex-Mine Price : Rs. 250.00/
9k	Scrutiny of Annual return on mining machineries	Excavator : 1.7 Cu.m Bucket Capacity.	Excavator : 1.7 Cu.m Bucket Capacity.

Drilling  
Machine : I R Drilling  
Machine 83 mm Dia.

Drilling  
Machine : I R  
Drilling  
Machine 83 mm  
Dia.

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**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
MCDR17	Rule 11(1)	28/09/2017			
MCDR17	Rule 26(2)	28/09/2017			

**Date :**

(Y M SIVA PRASAD)

Indian Bureau of Mines