

**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 : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 23-AUG-19
- (v) Prev.inspection date : 03-JUL-19

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 : 9390054827,9440017581,94411
- (f) Police Station :
- (g) First opening date : 01-MAY-06
- (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-FEB-26
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:9440017581
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-APR-06
Termination date

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 20-SEP-16
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	3 DTH Bore holes of 10m each in 2018-19	No exploration carried out.	Exploration proposed in the year 2016-17(5 core bore holes), 2017-18(4 nos DTH bore holes) has also not been carried.Violation already issued.
1b	Exploration over lease area for geological axis 1 or 2	Entire lease area under G1 level by combining 2016-17,2017-18,2018-19 exploration proposal.	No exploration carried out.	Violation issued for 2016-17,2017-18,2018-19.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Details not available	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	3 Ha	No exploration carried in 2018-19	1.311 Ha explored under G1 level.
1e	Balance reserve as on 01/04/20	41000 tonnes (111 category)	23180 tonnes (111 category)	211 category resources-1000 tonnes
1f	General remarks of inspecting officers on geology, exploration etc			Dolomite found on top of Limestone. Intrusive rock found within the lease.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Within the Mining Lease (E 802652 to E 802688, N 1656266 to N 1656310)	Within the Mining Lease (E 802652 to E 1656266 to N 1656310)	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Only in mineral	Only in mineral	

2c	Stripping ratio or ore to OB ratio	1:0.93	1:0.71	
2d	Quantity of topsoil generation in m3	641 m3	Nil	Mine already developed.
2e	Quantity of overburden generation in m3	2673 m3	8000 tonnes / 3200 m3	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mechanised Mining Method is being practiced.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	10000 tonnes	11250 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	75%	75%	
3d	Quantity of mineral reject generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
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	Drilling & Blasting operations are being carried out for Bench height-3m by maintaining Burden-1.5m, Spacing-2m, using jack hammer drill Jack Hammer drill	As per proposals Drilling & blasting operations is being carried out
3k	Provision of mining machineries in mineral benches	Excavator-0.9 m3-1 no Tippers-10 tonners-2 nos Fron end loader-1.7m3-1 no	Excavator-0.9 m3-1 no Tippers-10 tonners-2 nos Fron end loader-1.7m3-1 no
3l	Whether height of overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Bnch height of 3.0 meters is suitable for the mine	Bench height of 3.0 meters is found maintained
3m	Total area covered under excavation/pits	1.21 Ha	1.21 Ha
3n	Ore to OB ratio for the pit/mine during the year.	1:0.93	1:0.71
3o	Total area put in use under different heads at the end of year	3.246 Ha	2 Ha
3p	Production of ROM mineral during the last five year period as applicable	2014-15-Lapsed Period 2015-16-Lapsed Period 2016-17-10000 tonnes Limestone 2017-18-10000 tonnes Limestone 2018-19-10000 tonnes Limestone	2014-15- 18050 tonnes Limestone 2015-16-30400 tonnes Limestone 2016-17-15320 tonnes Limestone 2017-18-21250 tonnes Limestone 2018-19-11250 tonnes Limestone

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed to maintain OB dump and mineral reject dump	OB dumping is being carried out separately	
4b	Location of topsoil, OB and mineral reject dumps	Within the Lease	Within the Lease	
4c	Number of dumps within lease area and outside of lease area	4 nos	3 nos	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within the UPL.	Shifting of DUMP-1 under progress.	
4e	Number of active and alive dumps.	3 Nos	3 Nos	
4h	Whether Retaining wall or garland drain all along dumps are there.	Proposal Retaining wall- 138mX1mX1m Garland Drain- 142mX1mX1m	Not constructed.	Violation under rules 11(1) pointed out earlier by the inspecting officer.
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			Violation for not constructing retaining wall and garland drain for the year 2016-17 to 2018-19 was pointed out earlier.

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.	Nil in 2018-19	Nil.	Mineral is yet to be mined upto UPL.

5b	Area under backfilling of mined out area	No proposal in Nil 2018-19		No proposal of backfilling of the Pit WP-4 was approved but during inspection the pit was found to be back filled by the waste rock of Dump- 5.Violation u/r 11(1) issued.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Spreading for plantation and Storage in 2018-19	Storage.	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mineral is yet to be exhausted.

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).	To be submitted	Not submitted	
6b	Area available for rehabilitation (ha) .	No prposal in 2018-19	Nil	
6c	afforestation done (ha).	0.95 Ha during 2016-17 to 2020-21	Nil	Violation pointed out earlier inspecting officer of rule 11(1)
6d	No. of saplings planted during the year	100 nos in 2018-19	Nil	Violation was pointed out earlier by inspecting officer

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil	Mineral yet to exhaust and Area not matured for backfilling.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Lessee is not carried out the proposals made in the PMCP. in this regard violations were pointed out earlier by the inspecting officer	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	10000 tonnes	10913 tonnes	
7d	Any beneficiation process at mines .	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Benneficiation not warranted.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes for spreading and storage.	Storage	Top soil has not been stored at the demarcated place approved for storing but found to be dumped in the scattered manner.Violation issued by the earlier inspecting officer for rule 36(3) of MCDR 2017.

8b	Concurrent use or storage of topsoil	Spreading and storage proposed in 2018-19	Storage
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dump for OB	Yes
8h	Water sprinkling on roads to control airborne dust	Water sprinkling Proposed	Yes being carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Top soil is being stored by the lessee instead of spreading for plantation purpose. Separate dumps for OB and mineral are being maintained

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted	Submitting	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist to be appointed	Mining Engineer and Geologist not appointed	Violation u/r 55(1)3.(iii) of MCDR-2017 was pointed out by earlier inspecting officer.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited & abandoned by opencast (O/C) mining-4.202 Ha Covered under current (O/C) Workings-3 Ha Reclaimed/Rehabilitated-2 Ha	Not matching with actual	Violation u/r 45(7)(a) was pointed out by the earlier inspecting officer
9d	Scrutiny of Annual return on afforestation	Nil	Nil	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	1097.50 tonnes-CS	As reported by Lessee
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value-Rs 425.00 per tonne of LD grade Limestone Ex Mine Price-Rs 425.00 per tonne of LD grade Limestone Cost of Production/Tonne-Rs 350.00	Sale value-Rs 425.00 per tonne of LD grade Limestone Ex Mine Price-Rs 425.00 per tonne of LD grade Limestone Cost of Production/Tonne-Rs 350.00

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
Rule 45(1)	27-JUN-19	08-JUL-19			

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines