

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-136/HYD

Mine code : 38APR11054

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : MD. HUSSAIN, LESSEE
Official with
Designation
- (iv) Date of Inspection : 17/03/2020
- (v) Prev.inspection date : 29/06/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : JALADURGAM
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : JALADURGAM
- Taluka : DHONE
- Post office : JALDURGAM
- Pin Code : 518222
- FAX No. :
- E-mail :
- Phone : 08516-223018, 9392704747
- (f) Police Station :
- (g) First opening date : 30/10/1998
- (h) Weekly day of rest : SUN
2. Address for : MD.HUSSAIN, MINE OWNER
correspondance H.NO.9-72/16, KONDA PETA, DHONE-518222
KURNOOL DISTRICT
3. (a) Lease Number : APR1482
- (b) Lease area : 5.67
- (c) Period of lease : 20
- (d) Date of Expiry : 29/10/2018
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : MD.HUSSAIN
MINE OWNER KURNOOL ANDHRA
PRADESH
Phone:
FAX :

Owner : MD. HUSSAIN
H.NO. 9-72-116, KOTHAPETA,
DHONE KURNOOL ANDHRA
PRADESH
Phone: 08516-220351
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	08/12/1997
Plan/Scheme of Mining	:	MP modif under MCR 1960	19/08/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Entire lease area to explore in G1 scale	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No area is available for exploration		
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1f	General remarks of inspecting officers on geology, exploration etc		Exploration needs to be carried out to assess the Reserves and Resources	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal for the year 2018-19	Top soil cover of about 0.2 meters, hence there is no separate bench of top soil maintained.	
2c	Stripping ratio or ore to OB ratio	No proposal for the year 2018-19	1 : 0.123	
2d	Quantity of topsoil generation in m3	No proposal for the year 2018-19	Development is being carried out during the Year 2018-19	Violation was pointed out by this office on 24/12/2019
2e	Quantity of overburden generation in m3	No proposal for the year 2018-19	5000 Tonnes	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		There are 07 pits of varying dimensions. Development had been being carried out without approved proposals, in this regard violation was pointed out and subsequently mine was suspended on 14/07/2020.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal for the year 2019-20	PRODUCTION IS BEING Carried out WITHOUT VALID APPROVALS	VIOLATION WAS POINTED OUT IN THIS REGARD
3b	Quantity of ROM mineral production proposed	No proposal	40,490 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	NO PROPOSAL	NIL	
3f	Quantity of sub grade mineral generation.	No proposal	Nil during the year	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal during the year	Nil	
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	No proposal during the year	No drilling & blasting is carried out	
3k	Provision of mining machineries in mineral benches	No proposal for the year 2018-19	No machineries reported to be used	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 1.5,meters bench height is suitable for this type of shallow deposit	Yes suitable	
3m	Total area covered under excavation/pits	No proposal for the year 2019-20	1.12 Ha	
3o	Total area put in use under different heads at the end of year	No proposal for the year 2018-19	Area under excavation- 1.21 Ha, Road etc. 0.24 Ha	

3q	General remarks of inspecting officers on method of mining etc.	Manual method of mining is reported to have been adopted without drilling and blasting, as ore is soft in nature by maintaining bench height of 1.2 meters. Production had been carried out during the years 2018-19 & 2019-20, in this regard violation was pointed out and subsequently mine was suspended on 14/07/2020.
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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)	No proposal for the year 2018-19 & 2019-20	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal for the year 2018-19 & 2019-20	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal for the year 2018-19 & 2019-20	Nil	
4e	Number of active and alive dumps.	No proposal for the year 2018-19 & 2019-20	No active dumps observed	
4g	Number of dumps established.	No proposal for the year 2018-19 & 2019-20	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal for the year 2018-19 & 2019-20	Nil	
4j	Number of settling ponds	No proposal for the year 2018-19 & 2019-20	Nil	
4k	Specific comments of inspecting officer on waste dump management		No waste dump observed in the lease area.	

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 proposal for the year 2018-19 & 2019-20	No area is matured for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal for the year 2018-19 & 2019-20	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal for the year 2018-19 & 2019-20	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No area is matured for backfilling, No backfilling is done.	

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 approved PMCP for the year 2018-19 & 2019-20	No report submitted	
6b	Area available for rehabilitation (ha) .	No proposal for the year 2018-19 & 2019-20	Nil	
6d	No. of saplings planted during the year	No proposal for the year 2018-19 & 2019-20	25 sapplings planted	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal for the year 2018-19 & 2019-20	Plantation is being done during the year.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal for the year 2018-19 & 2019-20	40,493 Tonnes dispatched during the year. Manual sizing and sorting is reported to have been adopted
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal for the year 2018-19 & 2019-20	Manual
7d	Any beneficiation process at mines .	No proposal for the year 2018-19 & 2019-20	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Entire ROM after manual sorting & sizing is being sold in the market, there is no generation of mineral reject reported by lessee.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal for the year 2018-19 & 2019-20	nil	
8b	Concurrent use or storage of topsoil	No proposal for the year 2018-19 & 2019-20	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal for the year 2018-19 & 2019-20	No dumps observed in the lease	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal for the year 2018-19 & 2019-20	Nil	No area is matured for backfilling

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for the year 2018-19 & 2019-20	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal for the year 2018-19 & 2019-20		Area is devoid of plantation, lessee planted 25 sapplings during the year 2018-19
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Lessee is carrying out plantation to improve the aesthetic beauty.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R./AR to be Submitted regularly	M.R. is being submitted regularly. AR for the year 2018-19 is submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Mining Engineer, Geologist mentioned in the return	Not appointed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings : 1.12 Ha 2. Used for roads etc.: 0.24 Ha	Covered under current (O/C) Workings : 1.12 Ha 2. Used for roads etc.: 0.24 Ha	
9d	Scrutiny of Annual return on afforestation	25 sapplings planted	25 Found planted in the field	
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	207 Tonnes	207 Tonnes
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	COP- Rs. 197, EMP- Rs. 222.80	As reported by lessee
9h	Scrutiny of Annual return on fixed assets	Not furnished	Nil
9k	Scrutiny of Annual return on mining machineries	No details furnished	Nil

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

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines