

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/CDP/FE-1/HYD

Mine code : 30APR04001

- (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 : 13-MAR-21
- (v) Prev.inspection date : 16-FEB-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GAGANAPALLI**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address** :
State : ANDHRA PRADESH
District : CUDDAPAH
Village : GAGANAPALLI
Taluka : KALASAPADU
Post office : GANGANAPALLI
Pin Code : 516217
FAX No. :
E-mail : None
Phone : 9440280536
- (f) **Police Station** :
- (g) **First opening date** : 10-APR-02
- (h) **Weekly day of rest** : SUN
2. **Address for** : S. SHANKAR REDDY, 1/397-1 COURT ROAD
correspondance KADAPA-516 001
A.P
3. (a) **Lease Number** : APR1834
- (b) **Lease area** : 18.62
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 19-DEC-21
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : M/S INDIAN BARYTES & CHEMICALS LTD
1/397-1,COURT ROAD CUDDAPAH
CUDDAPAH ANDHRA PRADESH
Phone:44212,44287
FAX :

Owner : M/S INDIAN BARYTES & CHEMICALS LTD.
1/397-1,COURT ROAD CUDDAPAH
CUDDAPAH ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	29-MAR-01
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	22-JUN-09
	:	Mining Scheme rule 12 MCDR1988	04-OCT-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	9 Nos of Bore Holes.		G1 Scale most of he lease area has been explored in G1 scale
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	-	G1 Scale most of he lease area has been explored in G1 scale
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Lessee, Cost incurred is about Rs. 75,000/	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Entire lease area has been explored in G1 scale	
1e	Balance reserve as on 01/04/20		Total resources : 361.1 Million Tonnes Mineable Reserves : 668.584 Million Tonnes Blocked resources 108.509 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N159481 to N1594979 & E253030 to E253128	No development carried out	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes separate benches to be maintained	Yes maintained	Benchers were formed in previous working years

2c	Stripping ratio or ore to OB ratio	1:0.14	Nil	Nil
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	58321T2021) approved on 05.10.2016, Hence no valid document /proposals for the year 2015-2016 for this mine	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No development and production activity carried out in the lease area for the year 2019-20		

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two	Nil production during the year	
3b	Quantity of ROM mineral production proposed	108608 Tonnes	Nil	Nil
3c	Recovery of sailable/usable mineral from ROM production	61%	Nil	
3d	Quantity of mineral reject generation	No proposal of generation of mineral reject	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Nil	

3f	Quantity of sub grade mineral generation.	No proposal generation of sub-grade mineral	Nil
3g	Grade of sub grade mineral generation	Not Applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal	Nil
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling and Blasting with High explosives in mineral benches is proposed	Nil
3k	Provision of mining machineries in mineral benches	Yes , 1.0 cum capacity excxavator, 115 mm dia Drilling machine, 10 T tippers	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 meters bench height is suitable using 1.0 cum capacity excavator	Yes suitable
3m	Total area covered under excavation/pits	5.31 Ha	Mining activity within approved limits
3n	Ore to OB ratio for the pit/mine during the year.	1:0.14	Nil

3o	Total area put in use under different heads at the end of year	Under Mining :5.312 Ha, Waste dump site : 2.102 Ha, Infrastructure and Road: 0.71 Ha, Other : 0.15 Ha	All mining and allied activities are within approved area
3p	Production of ROM mineral during the last five year period as applicable	2016-17 :32,658 2017-18 : 67,190 2018-19 : 66475 2019-20 : 1,08,658 MT	2016-17 : Nil 2017-18 : Nil 2018-19 : Nil 2019-20 : Nil
3q	General remarks of inspecting officers on method of mining etc.	No development/ Production activity done	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes proposed	Nil	No mining activity
4b	Location of topsoil, OB and mineral reject dumps	N1594841- N1595016, E252782- E252959	Nil	Existing dump
4c	Number of dumps within lease area and outside of lease area	One	One	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	Beyond UPL	
4e	Number of active and alive dumps.	One	Nil	

4f	Number of dead dumps.	No proposal	Nil
4g	Number of dumps established.	No proposal	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil
4j	Number of settling ponds	No proposal	Nil
4k	Specific comments of inspecting officer on waste dump management	No Mining activity during the year.	

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	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	

5e General remarks of inspecting officers on backfilling and reclamation etc. No backfilling activity is there as there is no production/development activity carried out

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 regularly	Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	No proposal	Nil	
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	No proposal	Nil	
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year	No proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM produced is subject to crushing and screening and saleable ore to be dispatch	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised	Nil
7c	Different grade of mineral sorted out at mines.	Yes, >45% Fe	Nil
7d	Any beneficiation process at mines .	No proposal	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No mining activity, hence no comments.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposed	Nil	
8b	Concurrent use or storage of topsoil	No proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposed	Nil	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposed	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposed	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposed	Nil
8g	Survival rate	No proposed	Nil
8h	Water sprinkling on roads to control airborne dust	Yes proposed for dust suppression	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No development/ production activities are carried out in the lease plantation has been carried out to improve aesthetic beauty of in and around lease area	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	MR and AR to be submitted regularly	Returns are being submitted regularly
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer in charge Sri Kalla Srihari	Mining Engineer in charge Sri Kalla Srihari
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings : 18.623 Ha	9.834
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	Lumps: 8834 T (55% to 58% Fe) Fines : 18368 T	As submitted by lessee
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	COP Rs.241, Sale price Rs.600, EMP foe lump: Rs.350, Fines ; Rs.300	As submitted by lessee
9h	Scrutiny of Annual return on fixed assets	Nil	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