

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/ANP//Fe-11/HYD

Mine code : 30APR02009

- (i) Name of the Inspecting : **S41**) **Y M SIVA PRASAD**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : K. Pradeep Kumar, Agent (Mines)
Official with
Designation
- (iv) Date of Inspection : 09/11/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SAI BALAJI MINERALS**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : ANANTAPUR
Village : OBULAPURAM
Taluka : D HIREHAL
Post office : OBULAPURAM
Pin Code : 515872
FAX No. : -
E-mail : -
Phone : 9440410979
- (f) Police Station : D.HIREHAL
- (g) First opening date : 21/10/2007
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number : APR2389
(b) Lease area : 4.05
(c) Period of lease : 20
(d) Date of Expiry : 21/09/2027
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : M/S.SAIBALAJIMINERALS
M.SANJEEVARAYUDU(MG.PARTNER
) D.NO.1-4-590,
H,L.C.COLONY ANANTAPUR
ANANTAPUR ANDHRA PRADESH
Phone: CELLNO:9440410979
FAX :-

Owner : M/S.SAIBALAJI MINERALS,M.SANJEEVARAYUDU(MGPRTNR)
D.NO.1-4-590,H.L.C. COLONY
ANATAPUR ANANTAPUR ANDHRA
PRADESH
Phone: 9440410979
FAX :

6. Date of approval of Mining Plan/Scheme of Mining	:	Modif.of approved Mining Plan MP modif under MCR 1960	04/02/2009 29/03/2016
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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	14 Bore hole.	14 bore holes were drilled	
1b	Exploration over lease area for geological axis 1 or 2	22 bore holes.	Only 05 Nos of bore holes were carried out.	The lessee has got Review of Approved Mining Plan for the period 2017-18 to 2021-22. Approved on 05.7.2017. Remaining 17 core drillholes are proposed in the First year ie 2017-18.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	N IL	N I L	
1e	Balance reserve as on 01/04/20	298336 Million tonnes.	243629 Million tonnes.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Section A A' and B B'	Section A A' and B B'	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	N I L	
2c	Stripping ratio or ore to OB ratio	1 : 0.1	1 : 0.1	
2d	Quantity of topsoil generation in m3	No proposals.	There is no generation of top soil.	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	On pit..	One pit only.	

3b	Quantity of ROM mineral production proposed	96126.24 tonnes	54707 tonnes.
3c	Recovery of saleable/usable mineral from ROM production	The iron ore produced from the mine will be sold locally.	The entire ROM will be sold to Pig Iron Plants.
3d	Quantity of mineral reject generation	No proposals.	N I L
3e	Grade of mineral rejects generation and threshold value declared.	No proposals.	There is no generation of sub-grade minerals.
3h	Manual / Mechanised method adopted for segregating from ROM	OTFM Mechanised method..	OTFM 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	No proposals	N I L
3k	Provision of mining machineries in mineral benches	The mining will be operated by Excavator in mineral benches.	Excavator machinery with capacity 0.9 Cum is operating in mineral benches.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Benches with a maximum height of 3 m and minimum width of 3 meters.	Benches with a maximum height of 3 m and minimum width of 3 meters. Yes it is suitable for method of mining proposed in MP/SOM.
3m	Total area covered under excavation/pits	2.035 ha.	2.035 ha.
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.1	1: 0.1

3o Total area put Mining : 2.035 Mining : 2.035 ha.
 in use under ha. Disposalof Disposalof waste : 0.108
 different heads waste : 0.108 ha. Green belt : 0.885
 at the end of ha. Green belt ha.
 year : 0.885 ha.

3p Production of 2012-13 : N I 2012-13 : 18862 tonnes
 ROM mineral L. 2013-14 :
 during the last N I L. 2014-15
 five year period : N I L.
 as applicable

2013-14 : 12006 tonnes.

2015-
 16 : 29036
 tonnes.
 2016-17 :
 96126.24 2014-15 : 5536 tonnes.
 tonnes. 2015-16 : 25100 tonnes.
 2016-17 : 54707
 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 West part of the lease area.	North West part of the lease area.	
4c	Number of dumps within lease area and outside of lease area	One dump.	One dump only.	
4e	Number of active and alive dumps.	One active dump.	One active dump.	
4h	Whether Retaining wall or garland drain all along dumps are there.	Construction of Retaining Wall size 150 m X 0.5 m X 1 m.	Retaining Wall size 150 m X 0.5 m X 1 m. constructed along the Dump.	150

Solid Waste Management - Backfilling:

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	N I L.
5b	Area under backfilling of mined out area	No proposals	Mine is not yet matured for backfilling.
5d	Total area fully reclaimed and rehabilitated	No proposals	Mine is not byet matured for reclamation.

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 has tosubmit as per statue.	Yearly report for the year 2016-17 has been submitted by the lessee.	
6c	afforestation done (ha).	0.3425 ha.	0.3250 ha	
6d	No. of saplings planted during the year	856 Saplings.	500 Saplings.	
6e	Cumulative no .of plants	1712 Saplings	600 Saplings.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual segregation for separation of ore from ROM within lease area.	Manual sorting for sepration of ore from ROM.	
7c	Different grade of mineral sorted out at mines.	No proposals	N IL	
7d	Any beneficiation process at mines	No proposals	No beneficiation process is done atmines.	

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	No proposals	There is no generation of top soil.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	There is no generation of top soil.	
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)			
8g	Survival rate	No proposals	50 %.	
8h	Water sprinkling on roads to control airborne dust	No proposals	N I L	

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 and Annual return for the year 2016-17.	Lessee has submitted Annual Return for the year 2016-17. Lessee has not submitted Monthly returns since June 2017.	The violation of rule 45 (5) (b) (i) of MCDR 2017 is already pointed out to lessee based on office records.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Whole time Mining Engineer has to be appointed in the mine.	Lessee has not appointed Whole time Mining Engineer as mining operations are carried out by OTFM METHOD.	The violation of rule 55(1)(c)(i) of MCDR 2017. is pointed out to lessee vide letter no.AP/ANP/FE-11/Hyd dated 23.11.2017.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation	500 plants.	500 plants.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Stock : 3415 tonnes below 55% Fe.	It is observed same as above. Stock: 3415 tonnes below 55% of Fe.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price is given Rs 600/ tonne. Production Cost is Rs. 360.50/ tonne	Ex. Mine price is given Rs 600/ tonne. Production Cost is Rs. 360.50 /tonne.	
9k	Scrutiny of Annual return on mining machineries	Excavator 01 number Capacity 0.9 Cu.m.	Excavator 01 number Capacity 0.9 Cu.m.	

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
MCDR17 Rule 14(2)	23/11/2017				
Rule 54	23/11/2017				
MCDR17 Rule 55(1)(3)	23/11/2017				

Date :

(Y M SIVA PRASAD)

Indian Bureau of Mines