

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/KSN/FE-11/HYD

Mine code : 30APR10003

- (i) Name of the Inspecting : **DP09**) **D.P.Ravi kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **SHRI S.SIVA PRASAD, MINE OWNER AND SHRI PR MISHRA, RQ**
Official with
Designation
- (iv) Date of Inspection : 11/10/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GANDRAI(9.261 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : **ANDHRA PRADESH**
District : **KRISHNA**
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station : **CHILLAKALLU**
- (g) First opening date : 20/07/2008
- (h) Weekly day of rest : SUN
2. Address for : **SRI SIVAPRASADA RAO, Mg.Partner,**
correspondance **M/S LAKSHMI ENTERPRISES, Ratna Laboratory,40-1-1**
I Floor, Sai Tower, NCB Colony,Benz Circle, Vij
3. (a) Lease Number : **APR2661**
- (b) Lease area : **9.27**
- (c) Period of lease : **20**
- (d) Date of Expiry : **25/06/2028**
4. Mineral worked : **IRON ORE** Main

5. Name and Address of the

Lessee : M/SLAKSHMI ENTERPRISES
 KRISHNA ANDHRA PRADESH
 Phone:
 FAX :

Owner : M/SLAKSHMI ENTERPRISIS
 SRI SIVAPRASAD RAO, MG
 PARTNER H.NO. 40-1-101/A,
 SAI TOWERS, NCB COLONY,
 BENJ CIRCLE, VIJAYAWADA
 KRISHNA ANDHRA PRADESH
 Phone:
 FAX :

6. Date of approval of Mining Plan/Scheme of Mining	:	Fresh under rule 22 MCR1960	20/04/2007
		Mining Scheme rule 12 MCDR1988	04/02/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No backlogging in previous year	Not applicable	Nil
1b	Exploration over lease area for geological axis 1 or 2	No proposal for the year 2017-18.	Not applicable	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Rs.100000	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, the lessee complied the same.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	4.9 ha.	Nil
1e	Balance reserve as on 01/04/20	40000 t	40000 t	Nil
1f	General remarks of inspecting officers on geology, exploration etc	Nil	Nil	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, the lessee complied the same.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North-west	North-west	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	1: 2. 125	1:2.125	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, the lessee complied the same.
2c	Stripping ratio or ore to OB ratio	Nil	Nil	Nil
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Nil	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, the lessee complied the same.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	01	02	Total two pits were existed. Further, The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). While approving the Review of Mining Plan, lessee submitted the Bank Guarantee.
3b	Quantity of ROM mineral production proposed	2000 t	430 t	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). While approving the Review of Mining Plan lessee complied the same.
3c	Recovery of sailable/usable mineral from ROM production	2000	430	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, lessee complied the same.
3d	Quantity of mineral reject generation	Nil	Nil	Nil

3e	Grade of mineral rejects generation and threshold value declared.	45%	45%	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Not applicable.	Nil
3j	Provision of drilling and blasting in mineral benches	Nil	Nil	This mine is float Ore deposit.
3k	Provision of mining machineries in mineral benches	Nil	Nil	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Nil	Nil

3m	Total area covered under excavation/pits	0.2356 ha.	0.2356 ha.	<p>The total existing pits are 2numbers. The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the review of mining plan, the lessee complied the same.</p>
3n	Ore to OB ratio for the pit/mine during the year.	1:073	1:073	<p>The total existing pits are 2numbers. The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the review of mining plan, the lessee complied the same.</p>

3o	Total area put in use under different heads at the end of year	1.6816 ha.	1.6816	The total existing pits are 2numbers. The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the review of mining plan, the lessee complied the same.
3p	Production of ROM mineral during the last five year period as applicable	2013-14= 2014-15=2000 t 2015-16=2000 t	2013-14= 496 t 2014-15=768 t 2015-16= Nil 2016-17= 30 t 2017-18=430 t	The total existing pits are 2numbers. The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the review of mining plan, the lessee complied the same.
		2016-17=2000 t, 2017-18=2000. Further, the Mining Scheme is under process for the year 2013-14, hence production is not proposed as per the approved document dated 04.02.2015.		

3q	General remarks of inspecting officers on method of mining etc.	Nil	Nil	The total existing pits are 2numbers. The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the review of mining plan, the lessee complied the same.
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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)	Not proposed	Not applicable	This is a small B catagory mine and Float Iron Ore is being produced.
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	Nil
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	This is a small b catagory mine and Float Iron Ore Mine.
4e	Number of active and alive dumps.	Nil	Nil	Nil
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	Not applicable	Nil

4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Not applicable	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, the lessee complied the same.

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.	3592m2	3592m2	Nil
5b	Area under backfilling of mined out area	3592m2	3592m2	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	1.43 Ha	1.43 Ha	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	As proposed, the lessee carried out the mining operations.	As proposed, the lessee carried out the mining operations.

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).	Yes	Yes	Nil
6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	Nil	Nil	Nil
6d	No. of saplings planted during the year	25	25	Nil
6e	Cumulative no .of plants	300	300	Nil
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	Nil	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	Nil	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Nil

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	3592m2	3592m2	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	Nil	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	Nil	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee). Further, while approving the Review of Mining Plan, lessee complied the same.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes	Yes	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	Nil
7c	Different grade of mineral sorted out at mines.	Not proposed	Not applicable	Nil
7d	Any beneficiation process at mines .	Yes	Yes (SCREENING)	No adverse is noticed, as per proposal, lessee carried out the mining operations
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Nil	No mineral conservation issue exists.	No mineral conservation issue exists.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	No top soil exists.	No top soil is exists.
8b	Concurrent use or storage of topsoil	Not Proposed	No top soil exists.	No top soil exists.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable.	Nil

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	25 sampling	25samplings	Satisfactory.
8g	Survival rate	80%	80%	Nil
8h	Water sprinkling on roads to control airborne dust	Yes	Sprinkinlig is done on roads to control airborne.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	Nil	General aeathetic beauty in and around area is good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual return submitted timely.	Monthly return submitted upto August-2018. Annual return for the yera 2017-18 has not been submitted online.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Given	Nil
9d	Scrutiny of Annual return on afforestation	Given	Given	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	430 t	430 t	Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value is Rs.157500	Sale value is Rs. 157500	Nil
9h	Scrutiny of Annual return on fixed assets	Not furnished.	Not furnished.	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	The mine was suspended vide this office letter No. AP/KSN/Fe-5/HYD dated 07.08.2017 for non compliance of rule 11(1) of MCDR 2017 (due to non submission of difference amount of bank guarantee).Further , while approving the Review of Mining Plan, lessee complied the same.

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 :

(D.P.Ravi kumar)

Indian Bureau of Mines