

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/CDP/FE-5/HYD

Mine code : 30APR04005

- (i) Name of the Inspecting : M029 ) MADHU SUDHAN YADAV M  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri. Harendra, QP & Sri. Naik, Mine Representative  
Official with  
Designation
- (iv) Date of Inspection : 11-FEB-22
- (v) Prev.inspection date : 12-APR-17

PART-I : GENERAL INFORMATION

1. (a) Mine Name : PENDLIMARRI
- (b) Registration NO. : IBM/686/2011
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : ANDHRA PRADESH  
District : CUDDAPAH  
Village : PAGADALAPALLI  
Taluka : PENDLIMARRI  
Post office : PENDLIMARRI  
Pin Code : 516213  
FAX No. : -  
E-mail : edulae reddy@gmail.com  
Phone : 9440896772
- (f) Police Station : PENDLIMARRI
- (g) First opening date : 27-MAR-06
- (h) Weekly day of rest : SUN
2. Address for : FLAT NO:305,VASAVI HOMES  
correspondance : CHAITANYA PURI,DILSUKH NAGAR  
HYDERABAD-500060
3. (a) Lease Number : APR2480
- (b) Lease area : 201.19
- (c) Period of lease : 20
- (d) Date of Expiry : 24-MAR-26
4. Mineral worked : LATERITE Associated  
IRON ORE Main

## 5. Name and Address of the

Lessee : SRI E.V.RANGA REDDY  
 FLAT NO:305, VASAVI HOMES  
 CHAITANYA PURI, DILSUKH  
 NAGAR HYDERABAD HYDERABAD  
 TELANGANA  
 Phone:  
 FAX :

Owner : SRI E.V.RANGAREDDY  
 FLATNO305, VASAVI HOMES  
 CHAITANYAPURI, DILSUKHNAGAR  
 HYDERABAD HYDERABAD  
 TELANGANA  
 Phone: 9440896772  
 FAX :

## Manager

Name : G.CHINNAIAH  
 Qualification :  
 Appointment/ :  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	: Modif.of approved Mining Plan	26-APR-07
	: Modif.of approved Mining Plan	21-MAY-10
	: MP review under 17(1) MCR 2016	08-MAY-17
	: MP modif under 17(3) MCR 2016	01-SEP-17

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2017-18 - 20 Nos. 2018-19 - 20 Nos. 2019-20 - 20 Nos.	Nil	Mining operations were stopped W.E.F. 23.02.2013 as per the state D.M.G. letter NO .5967/r5-2/2013 dated 22.02.2013 for not having the valid Environmental clearance from MOEF and consent for establishment from A.P.Pollution Control Board.
1b	Exploration over lease area for geological axis 1 or 2	2020-21 - 15 Nos.	Nil	Mining operations were stopped W.E.F. 23.02.2013 as per the state D.M.G. letter NO .5967/r5-2/2013 dated 22.02.2013 for not having the valid Environmental clearance from MOEF and consent for establishment from A.P.Pollution Control Board.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	

1d	Balance area to be explored to bring Geological axis in 1 or 2	Proposed to explore G2 level of 17.89 Ha, G3 level of 23.50 Ha and 160.524 Ha (unexplored area) into to G1 level.	No exploration carried out due to non-working of mines	
1e	Balance reserve as on 01/04/20	----	As per Review of Mining Plan approved on 08/05/2017. Reserves - 412786 Tonnes Resources - 1072232 Tonnee	No Mining activities carried out during the earlier approved RMP period.
1f	General remarks of inspecting officers on geology, exploration etc			Exploration work to be carried out to bring the entire lease to G1 level of exploration. Exploration proposal was submitted in the draft RMP.

#### Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Proposed to work in Pit- 2,4,5,8,9,10 &11	No mining activities carried out due to no Environmental Clearance.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches proposed in overburden and mineral	No mining activities carried out due to no Environmental Clearance.	
2c	Stripping ratio or ore to OB ratio	1:4.38	Nil	
2d	Quantity of topsoil generation in m3	No proposal	Nil	

2e	Quantity of overburden generation in m3	2020-21 - 237845 cu.m	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No mining activities carried out due to no Environmental Clearance.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Seven Pits	Nil	
3b	Quantity of ROM mineral production proposed	2020-21 - 96250 Te	Nil	
3c	Recovery of sailable/usable mineral from ROM production	Ferrrougenous Shale - 21% Iron ore bands - 29% Float ore - 17%	Nil	
3d	Quantity of mineral reject generation	2020-21 - 177207 Tonnes	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Mineral rejects - <45%	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Proposed to used screening plant for segreagation	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	Proposed to drill the hard strata with jack hammer machine and blasting with high explosives	Nil
3k	Provision of mining machineries in mineral benches	Proposed to use excavators and dumpers for loading and transporting material to the screening plant	No machinery found in the mineral benches since mine is not working from 23.02.2013.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It is proposed to maintain the bench height of 1.5m to 4.7m (max.)	Bench height is same as submitted in the earlier approved RMP.
3m	Total area covered under excavation/pits	21.589 ha till 2020-21	17.89 ha as submitted in the earlier approved RMP
3n	Ore to OB ratio for the pit/mine during the year.	2020-21 - 1:4.38	Nil
3o	Total area put in use under different heads at the end of year	Total area put to use as per plan is 69.9059 ha till 2020-21	64.2069 Ha as submitted in the earlier approved RMP

3p	Production of ROM mineral during the last five year period as applicable	2016-17 - Lapsed Period 2017-18 - 2018-19 - 2019-20 - 2020-21 -	2016-17 - Lapsed Period 2017-18 - Nil 2018-19 - Nil 2019-20 - Nil 2020-21 - Nil	Mining operations were stopped W.E.F. 23.02.2013 as per the state D.M.G. letter NO .5967/r5-2/2013 dated 22.02.2013 for not having the valid Environmental clearance from MOEF and consent for establishment from A.P. Pollution Control Board.
3q	General remarks of inspecting officers on method of mining etc.			No valid Mining Plan from 01.04.2021. Draft Review of Mining Plan submitted by the lessee on 12.01.2022 was rejected due to non-submission of final copies after attending scrutiny comments issued. Violation issued to the lessee 08.03.2022 as per rule for no valid Mining Plan.

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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 topsoil dump proposed. OB and mineral reject dump proposed in the mining lease area.	Old OB and mineral reject dumps maintained in lease area.	

4b	Location of topsoil, OB and mineral reject dumps	N1598400 to N1598528 E242869 to E243073	No new dumps created as per proposal.	
4c	Number of dumps within lease area and outside of lease area	02 New dumps proposed insided the lease area.	No new dumps created. 17 Nos. dumps maintained within the lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	
4e	Number of active and alive dumps.	Two active dumps proposed	Nil	
4f	Number of dead dumps.	17 Nos. dead dumps to be maintained	17 Nos. dead dumps maintained	
4g	Number of dumps established.	Two dumps proposed to establish	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall and garland drain proposed along the dumps	Nil	
4i	Length of Retaining wall or garland drain all along dumps	2020-21 - 670 meters of Retaining wall proposed	Nil	No new dump created since mining operations stopped from 23.02.2013.
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			17 Nos. of dumps maintained in the mining lease area

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Solid Waste Management - Backfilling:

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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 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.			The pit is not mined out upto its ultimate pit limit to start backfilling.

#### Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted as per rule	Not submitted	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	2020-21 - 0.50 Ha	2020-21 - Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.

6d	No. of saplings planted during the year	2020-21 - 500 Nos.	2020-21 - Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
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 ( L x B x D	No proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	No proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	Nil	

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly environmental monitoring of core and buffer zone.	Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No area of pit has reached its ultimate pit limit to start Reclamation and Rehabilitation and backfilling activities.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	The lessee is proposed to use dry crushing and screening plant for sizing and blending of ore as per the buyer's requirement	Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Proposed to sort the mineral by screening, vibrator or seperator	Nil	
7c	Different grade of mineral sorted out at mines.	+50% Fe - +20mm & above, -50% Fe - 10mm-20mm lumps +45% Fe - <10mm -45% Fe - < 10mm	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No crushing , screening established in the lease area as per proposal.

#### Environment:

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

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	Proposed to spray water in the haul roads	Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Thorny plants and trees found on the old dead dumps and in the mining lease area.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted in time	Submitted in time	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer - Sri. Srihari Geologist - Nil	Mining Engineer - Sri. Srihari Geologist - Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining Pits - 21.0 Ha Infrastructure - 2.50 Ha Dumps - 1.5 Ha	Mining Pits - 21.0 Ha Infrastructure - 2.50 Ha Dumps - 1.5 Ha	
9d	Scrutiny of Annual return on afforestation	500Nos.	Nil	Lessee has reported that proposal has entered in the actual coloumn (clerical error). Advised to correct the annual returns.
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	Opening stock - 14000Te Closing stock - 14000 Te	Opening stock - 14000Te Closing stock - 14000 Te	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production is submitted as Nil	Nil	Mining operations stopped from 23.02.2013 due to no Environmental Clearance.
9h	Scrutiny of Annual return on fixed assets	Value of fixed assests is reported as Nil.	Nil	
9k	Scrutiny of Annual return on mining machineries	Crusher - 2 Nos. Jeep - 2 Nos. Excavator - 3 Nos.	Crusher is dismantled, excavator is in non-working condition.	

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

*M. S. Y.*

Date : 09/03/2022

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines

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