

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/FE-75/HYD

**Mine code :** 30APR11043

- (i) Name of the Inspecting : PG01 ) P.GURUVAIAH  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : VISHAWNATH REDDY, MINE REPRESENTATIVE.  
Official with  
Designation
- (iv) Date of Inspection : 19/10/2016
- (v) Prev.inspection date : 08/11/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **ARYA LAKSHMI STEEL PVT LT**
- (b) **Registration NO.** :
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : TAVISIKONDA
- Taluka : BETHAMCHERLA
- Post office : GUTUPALLI
- Pin Code : 518599
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : BETHAMCHERLA
- (g) **First opening date** : 23/11/2011
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : TAVASIKONDA (V)  
BETHAMCHERLA (M)  
KURNOOL DIST
3. (a) **Lease Number** : APR3270
- (b) **Lease area** : 32.91
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 08/12/2031
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : S.SATYANARAYANA RAJU & CO  
TAVASIKONDA (V),  
BETHAMCHERLA(M) KURNOOL  
DIST. KURNOOL ANDHRA  
PRADESH  
Phone:  
FAX :

Owner : S.SATYANARAYANARAJU & CO  
S. SATYANARAYANA RAJU, MINE  
OWNER TAVASIKONDA (V),  
BETHAMCHERLA (M), KURNOOL  
DIST. KURNOOL ANDHRA  
PRADESH  
Phone:  
FAX :

6. Date of approval of Mining :  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
1e	Balance reserve as on 01/04/20	No proposal.	123525 Tonnes (111); 162396 Tonnes (122) ;	Minining scheme is due so V/L cum show cause notice issued to the party.
1f	General remarks of inspecting officers on geology, exploration etc	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	presently mine is not working	Minining scheme is due so V/L cum show cause notice issued to the party.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Two benches one bench in O.B and one bench in ore.	Minining scheme is due so V/L cum show cause notice issued to the party.
2c	Stripping ratio or ore to OB ratio	Not specified.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.

2d	Quantity of topsoil generation in m3	Nil	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
2e	Quantity of overburden generation in m3	1566 T	1400 T	Minining scheme is due so V/L cum show cause notice issued to the party.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Nil	Presently mine is not working.	Minining scheme is due so V/L cum show cause notice issued to the party.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	one pit	Minining scheme is due so V/L cum show cause notice issued to the party.
3b	Quantity of ROM mineral production proposed	27498 T	100 T	Minining scheme is due so V/L cum show cause notice issued to the party.
3c	Recovery of sailable/usable mineral from ROM production	Entire ROM is saleable .	90 %	Minining scheme is due so V/L cum show cause notice issued to the party.
3d	Quantity of mineral reject generation	No proposal.	450 cu.m	Minining scheme is due so V/L cum show cause notice issued to the party.
3e	Grade of mineral rejects generation and threshold value declared.	Not specified.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
3f	Quantity of sub grade mineral generation.	2187 T	0 T	Minining scheme is due so V/L cum show cause notice issued to the party.

3g	Grade of sub grade mineral generation	Not specified.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual.	Manual.	Minining scheme is due so V/L cum show cause notice issued to the party.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
3j	Provision of drilling and blasting in mineral benches	None.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
3k	Provision of mining machineries in mineral benches	None	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	yes.	Minining scheme is due so V/L cum show cause notice issued to the party.
3m	Total area covered under excavation/pits	1.8295 ha	.324 ha.	Minining scheme is due so V/L cum show cause notice issued to the party.
3n	Ore to OB ratio for the pit/mine during the year.	Not specified.	1 : 1.5	Minining scheme is due so V/L cum show cause notice issued to the party.
3o	Total area put in use under different heads at the end of year	2.459 ha	2.21 ha	Minining scheme is due so V/L cum show cause notice issued to the party.

3p	Production of ROM mineral during the last five year period as applicable	2011-12 =27324T; 2012-13 =27545T; 2013-14 =27249T ; 2014-15 =2756T; 2015-16 =27498T.	2011-12 =27005T ; 2012-13 =5153T; 2013-14 =1012 T ; 2014-15=2095T; 2015-16 = 1100 T.	Minining scheme is due so V/L cum show cause notice issued to the party.
3q	General remarks of inspecting officers on method of mining etc.	Manual	Manual.	Minining scheme is due so V/L cum show cause notice issued to the party.

## 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.	one dump	Minining scheme is due so V/L cum show cause notice issued to the party.
4b	Location of topsoil, OB and mineral reject dumps	South side of the mine	South side of the mine .	Minining scheme is due so V/L cum show cause notice issued to the party.
4c	Number of dumps within lease area and outside of lease area	One dump	one dump.	Minining scheme is due so V/L cum show cause notice issued to the party.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	one dump.	Minining scheme is due so V/L cum show cause notice issued to the party.
4e	Number of active and alive dumps.	one dump	one dump	Minining scheme is due so V/L cum show cause notice issued to the party.
4f	Number of dead dumps.	None	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
4g	Number of dumps established.	No proposal.	one dump.	Minining scheme is due so V/L cum show cause notice issued to the party.

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Small dump.	Minining scheme is due so V/L cum show cause notice issued to the party.
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Small dump	Minining scheme is due so V/L cum show cause notice issued to the party.
4j	Number of settling ponds	no proposal	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
4k	Specific comments of inspecting officer on waste dump management	one dump	one dump.	Minining scheme is due so V/L cum show cause notice issued to the party.

#### 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	Minining scheme is due so V/L cum show cause notice issued to the party.
5b	Area under backfilling of mined out area	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.

## 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 proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6c	afforestation done (ha).	165 Saplings 33 Saplings per Annum.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6d	No. of saplings planted during the year	33 Saplings.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6e	Cumulative no .of plants	165 Saplings	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6f	Any other method of rehabilitation	No proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6g	Cost incurred on watch and care during the year	no proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.



6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	yes	yes	Minining scheme is due so V/L cum show cause notice issued to the party.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual.	Minining scheme is due so V/L cum show cause notice issued to the party.
7c	Different grade of mineral sorted out at mines.	yes	Different size wise Sorted out ores are available at mine site.	Minining scheme is due so V/L cum show cause notice issued to the party.
7d	Any beneficiation process at mines .	No proposal.	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Entire ROM is for sale.	segregation for sizing only.	Minining scheme is due so V/L cum show cause notice issued to the party.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
8b	Concurrent use or storage of topsoil	No top soil	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	one dump	One dump.	Minining scheme is due so V/L cum show cause notice issued to the party.

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	cumulative no of 165 Splings	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
8g	Survival rate	cumulative no of 165 Saplings.	None.	Minining scheme is due so V/L cum show cause notice issued to the party.
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not specified.	Exsept degrades pits and other not distrubed.	Minining scheme is due so V/L cum show cause notice issued to the party.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	submitted monthly and Annual returns.	submitted.	Minining scheme is due so V/L cum show cause notice issued to the party.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes	yes	Minining scheme is due so V/L cum show cause notice issued to the party.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes	yes	Minining scheme is due so V/L cum show cause notice issued to the party.
9d	Scrutiny of Annual return on afforestation	none.	none	Minining scheme is due so V/L cum show cause notice issued to the party.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	yes	yes	Minining scheme is due so V/L cum show cause notice issued to the party.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	yes	lumps= 8977 T ; Fines =1519T .	Minining scheme is due so V/L cum show cause notice issued to the party.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	yes	Rs= 500/-	Minining scheme is due so V/L cum show cause notice issued to the party.
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	Minining scheme is due so V/L cum show cause notice issued to the party.
9k	Scrutiny of Annual return on mining machineries	Manual	Manual	Minining scheme is due so V/L cum show cause notice issued to the party.

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**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
Rule 12(3)	15/11/2016				
Rule 13(1)	15/11/2016				
Rule 24	15/11/2016				

**Date :****(P.GURUVAIAH)**

Indian Bureau of Mines