

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-108/HYD

Mine code : 40APR20042

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompaning mine : Sri. Asok Konda, Nominated Owner and Dr. B.S.Ganga Ra
Official with
Designation
- (iv) Date of Inspection : 01/02/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PARAMESHWARI**
- (b) **Registration NO.** : **IBM/732/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village : PEDANADIPALLI
- Taluka : CHIPURUPALLI
- Post office : P.PALAVALLASA
- Pin Code :
- FAX No. : 08952-280042
- E-mail :
- Phone : 08952-283225
- (f) Police Station :
- (g) First opening date : 07/06/1993
- (h) Weekly day of rest : SUN
2. Address for : M/S.S.K.SARAWAGI\$CO.(P)LTD
correspondance
CHIPURUPALLI,
VIZIANAGARAM
3. (a) Lease Number : APR0337
- (b) Lease area : 9.39
- (c) Period of lease : 20
- (d) Date of Expiry : 06/06/2023
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : S.K.SARWAGI &CO (P)LTD
 S.K. SARWAGI &CO (p)LTD PO
 CHIPURA PALLI VIZIANAGARAM.
 VIZIANAGARAM ANDHRA PRADESH
 Phone:3225 3240
 FAX :91 089522 3374.

Owner : M/S.S.K.SARAWAGI\$CO.(P)LTD.
 CHIPURUPALLI VIZIANAGARAM
 ANDHRA PRADESH
 Phone:
 FAX : 08952-280042

Mining Engineer

Name : B.Naresh, Full Time
 Qualification : B.Tech(Mining)
 Appointment/ : 18/03/2011
 Termination date

Geologist

Name : SUNDAR RAJ, Full Time
 Qualification : M.Sc(Geology)
 Appointment/ : 01/03/2011
 Termination date

6. Date of approval of Mining : Renewal under rule 22 MCR1960 14/08/2003
 Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	
1b	Exploration over lease area for geological axis 1 or 2	09 core bore holes	09 core bore holes	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	Rs. 10,24,000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserve as on 01/04/20	NIL	NIL	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	There is no approved document w.e.f 1.4.2013. Mine is under suspension w.e.f 28.3.2014. Lessee has filed a case in High Court and court has issued interim order on 9.4.2014. Working under court orders.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposal	West Side	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	Yes	
2c	Stripping ratio or ore to OB ratio	No Proposal	1:16	
2d	Quantity of topsoil generation in m3	No proposal	NIL	

2e	Quantity of overburden generation in m3	No Proposal	123136 m3	There is no approved document w.e.f 1.4.2013. Mine is under suspension w.e.f 28.3.2014. Lessee has filed a case in High Court and court has issued interim order on 9.4.2014. Working under court orders.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NIL	One Pit	
3b	Quantity of ROM mineral production proposed	NIL	51078 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	NIL	55%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	N.A	N.A	
3f	Quantity of sub grade mineral generation.	NIL	4684 tonnes	After screening the sub grade mineral is blended with high grade mineral and make it saleable
3g	Grade of sub grade mineral generation	N.A	N.A	
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	Manual	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	
3j	Provision of drilling and blasting in mineral benches	NIL	Yes	
3k	Provision of mining machineries in mineral benches	NIL	Yes, PC- 450	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	3 MTS	
3m	Total area covered under excavation/pits	NIL	3.80 ha	
3n	Ore to OB ratio for the pit/mine during the year.	NIL	1:6	
3o	Total area put in use under different heads at the end of year	NIL	4.13 ha	
3p	Production of ROM mineral during the last five year period as applicable	NIL	2017-18--2980 t, 2016-17--7840 t, 2015-16--1500 t, 2014-15--9292 t, 2013-14-- 9173 t	
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	There is no approved document w.e.f 1.4.2013. Mine is under suspension w.e.f 28.3.2014. Lessee has filed a case in High Court and court has issued interim order on 9.4.2014. Working under court orders.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NIL	Yes	
4b	Location of topsoil, OB and mineral reject dumps	NIL	North side of the pit.	
4c	Number of dumps within lease area and outside of lease area	NIL	One dump	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	50 MTS beyond UPL	
4e	Number of active and alive dumps.	NIL	One	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	Yes	
4i	Length of Retaining wall or garland drain all along dumps	NIL	500 Mts	
4j	Number of settling ponds	NIL	One	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	There is no approved document w.e.f 1.4.2013. Mine is under suspension w.e.f 28.3.2014. Lessee has filed a case in High Court and court has issued interim order on 9.4.2014. Working under court orders.

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.	NIL	NIL
5b	Area under backfilling of mined out area	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____

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).	NIL	NIL	
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year	NIL	NIL	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	200 Nos
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL

6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	_____

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	Yes, Grade wise sorting	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	Manual	
7c	Different grade of mineral sorted out at mines.	NIL	Below 25% Mn Below 35% Mn	
7d	Any beneficiation process at mines .	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	_____

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	Not generated	

8b	Concurrent use or storage of topsoil	N.A	N.A
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	Yes
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	Yes, within and outside lease area
8g	Survival rate	NIL	80%
8h	Water sprinkling on roads to control airborne dust	NIL	Yes
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual Returns are being submitted in time	Monthly and Annual Returns are being submitted in time	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri. Shaik Madina, Mining Engineer cum Mines Manager, Shri. M.Koteswara Rao, Geologist	Shri. Shaik Madina, Mining Engineer cum Mines Manager, Shri. M.Koteswara Rao, Geologist
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits-3.80 ha, Area under dumps-1.70 ha, Reclaimed area-NIL	Area under pits-3.80 ha, Area under dumps-1.70 ha, Reclaimed area-NIL
9d	Scrutiny of Annual return on afforestation	1500 plants	About 1500 plants
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	4684 tonnes	4684 Tonnes is sub grade
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value-Rs. 7530/- , Ex.Mine Price-Rs.6170/-, COP-Rs.4812/-	Sale Value-Rs. 7530/- , Ex.Mine Price-Rs.6170/-, COP-Rs.4812/-
9h	Scrutiny of Annual return on fixed assets	Rs.11,45,24,000/- (For all the mines of Company)	Rs.11,45,24,000/- (For all the mines of Company)
9k	Scrutiny of Annual return on mining machineries	Tipper, Front end loader, Dozer, Shovel etc.	Tipper, Front end loader, Dozer, Shovel etc.

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 :
(Ch.Suseela)

Indian Bureau of Mines