

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-111/HYD

Mine code : 40APR20058

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri M.Pratap Reddy, Qualified Person & Sri Asok Konda
Official with
Designation
- (iv) Date of Inspection : 17-JUN-23
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BAGUVALASA MANGANESE MINE**
- (b) **Registration NO.** : **IBM/732/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village : BAGUVALASA
- Taluka : GARIVIDI
- Post office : VEDULLAVALASA
- Pin Code : 535591
- FAX No. :
- E-mail : mines@sarawagi.com
- Phone : 0891-6667401
- (f) Police Station : GARIVIDI
- (g) First opening date : 16-MAY-01
- (h) Weekly day of rest : SUN
2. Address for : M/S S.K. SARAWAGI &CO (P) LTD.
correspondance : SARAWAGI HOUSE,PO:CHIPURAPALLI,
DIST:VIZIANAGARAM.
3. (a) Lease Number : APR1385
- (b) Lease area : 46.63
- (c) Period of lease : 20
- (d) Date of Expiry : 02-JUN-19
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 : ASOK KONDA
 SK SARAWAGI HOUSE KASPA
 STREET,CHIPURUPALLY,
 VIZIZNAGARAM DISTRICT
 VIZIANAGARAM ANDHRA PRADESH
 Phone: 9704988444
 FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	24-SEP-02
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	10-AUG-07
		Mining Scheme rule 12 MCDR1988	21-JAN-09

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no proposal for exploration for the previous year.	No exploration was carried out during the year 2022-23	The Mining operations are under suspension since 16-01-2019.
1b	Exploration over lease area for geological axis 1 or 2	None	7 ha is under G1 level of exploration and rest under G3.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	The area yet to be explored is about 39 ha	The mining operations are under suspension since 16.1.2019
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2023 are 0.81 Million tonnes	None
1f	General remarks of inspecting officers on geology, exploration etc	As there is no approved document since 2013, no proposals were there for the last five years.	No development/work was taken up in the last few years.	The mining operations are under suspension since 16.1.2019.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	There is no approved document for period.as such there is no proposal for the development.	No development was carried out since 2014 as there is approved document.	The mining operations are under suspension since 16.1.2019.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	Two Old pits were noticed duiing the inspection.In the old pits,seperate benches in OB and ore were observed.	No comments.

2c	Stripping ratio or ore to OB ratio	None	None	No comments
2d	Quantity of topsoil generation in m3	Nil	Nil	No comments
2e	Quantity of overburden generation in m3	Nil	Nil	No comments
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	---	As there was no approved document since 2014, no mining operations were carried out. Further, a suspension order was issued on 16.1.2019 under rule 1192) of MCDR, 2017 for not having a valid document.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	None	None	The mining operations are under suspension since 16.1.2023.
3b	Quantity of ROM mineral production proposed	Nil	Nil	No comments
3c	Recovery of sailable/usable mineral from ROM production	None	None	None
3d	Quantity of mineral reject generation	Nil	Nil	None
3e	Grade of mineral rejects generation and threshold value declared.	Nil	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None

3h	Manual / Mechanised method adopted for segregating from ROM	None	None	None
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	Nil	Nil	None
3k	Provision of mining machineries in mineral benches	Nil	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	None	None	None
3m	Total area covered under excavation/pits	Nil	None	None
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	None
3o	Total area put in use under different heads at the end of year	Nil	None	None
3p	Production of ROM mineral during the last five year period as applicable	as there is no approved document, no proposals were made.	The mine is not working since 2014 onwards, hence, no production reported.	No comments to offer.
3q	General remarks of inspecting officers on method of mining etc.	----	None	None

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)	As there is no approved document, no dumping proposal was there for the year 2022-23.	No dumping was carried out .	The mining operations are under suspension since 16.1.2019.
4b	Location of topsoil, OB and mineral reject dumps	None	During the inspection it was noticed that one old dump towards southern side of the lease.The dump was encraching into the 7.5 meter barrier zone and it was advised to lessee through scrutiny coments for proposing to re-handle the dump into the lease. The insepction was carried out as lessee submitted a Review of Mining Plan document.	No comments.
4c	Number of dumps within lease area and outside of lease area	---	One old dump on southern side of the lease.	No comments
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	---	The dump is within UPL.	No comments
4e	Number of active and alive dumps.	None	One old dump.	None
4f	Number of dead dumps.	None	One	No comments
4g	Number of dumps established.	No proposal	None	No comments
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	No	No comments
4i	Length of Retaining wall or garland drain all along dumps	No proposal	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	---	There is one old dump on the southern side of the lease.	The mining operations are under suspension since 16.1.2019.

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	There was no proposal for backfilling as there is no approved document for previous 10 years.	No backfilling was noticed during the inspection.	No comments
5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	None

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).	---	None	The mining operations are under suspension since 16.1.2019.
6b	Area available for rehabilitation (ha) .	Nil	None	None
6c	afforestation done (ha).	None	None	None
6d	No. of saplings planted during the year	None	None	None
6e	Cumulative no .of plants	None	None	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	None	None	None

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	None	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None

6p	Compliance of environmental monitoring (core zone and buffer zone)	None	None	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There is no proposal for grade wise sorting as there is no approved document for the said period.	None	No comments
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	---	None	The mining operations are under suspension since 16.1.2019.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	None	None	None
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	None	Except for the bushes & shrubs and other vegetation, no other vegetation was noticed.
8g	Survival rate	None	None	None
8h	Water sprinkling on roads to control airborne dust	None	None	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	None	None

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	---	The Mining operations are under suspension since 16.1.2023.However, lessee is submitting Nil annual returns.	No comments
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details of Geologist and Mining Engineer are not given in Annual return 2022-23.	The mining operations are under suspension since 16.1.2023.	No comments.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mine workings was furnished as 7.5 ha.Under dumps was 2 ha.under infrastructure (roads,buildings etc) was 1.750 ha.	Same was noticed during the inspection.	No comments to offer.
9d	Scrutiny of Annual return on afforestation	Nil	None	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	None	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	None	None
9h	Scrutiny of Annual return on fixed assets	Nil	None	None
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	None

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 :**(A.V.Ramesh Kumar)**

Indian Bureau of Mines