

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-134/HYD

Mine code : 40APR20081

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 27-SEP-20
- (v) Prev.inspection date : 09-JAN-20

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : R.CHINTALAVALLASA(14.261 H
- (b) **Registration NO.** : IBM/9329/2012
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village : R.CHINTALAVALLASA
- Taluka : RAMBHADRAPURAM
- Post office : KONDAKENGUVA
- Pin Code : 539579
- FAX No. :
- E-mail : sanjayminingpltd@yahoo.in
- Phone : 9441431951
- (f) **Police Station** :
- (g) **First opening date** : 27-SEP-08
- (h) **Weekly day of rest** : SUN
2. **Address for** : R.CHINTALAVALLASA(V)
correspondance RAMABHADRAPURAM(M)
VIZIANAGARAM DT.
3. (a) **Lease Number** : APR3135
- (b) **Lease area** : 14.26
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 03-SEP-28
4. **Mineral worked** : MANGANESE ORE Main

5. Name and Address of the

Lessee : SANJAY MINING PVT.LTD
R.CHINTALAVALLASA(V)
RAMABHADRAPURAM(M)
VIZIANAGARAM DT.
VIZIANAGARAM ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 01-MAY-07
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 12-AUG-14

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	5 core bore holes in 2018-19	
1b	Exploration over lease area for geological axis 1 or 2	Entire area to be explored in G1 scale	Mineralised area has been explored in G1 scale.	24 bore holes were drilled so far in the lease area.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee	Lessee, so far Rs. 6,86,420.00 cost incurred for exploration	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Mineralised on Western side to be explored	Proposal for exploration is committed by lessee in the present document submitted for approval	
1e	Balance reserve as on 01/04/20		As on 01.04.2020 : 1,04,190 Tonnes	

1f	General remarks of inspecting officers on geology, exploration etc	So far 24 bore holes are drilled in the lease to establish the ore body.	Manganese in the mining lease area is observed in the old pit and from core bore holes drilled. The mineral is associated with calc - granulite and quartzite. The quartzite occurs as a capping and the mineral is found to occur as a thick vein below the quartzite capping along the slope. The ore body is exposed all along the strike direction over a length of about 285 m. with varying outcrop width from 8 to 10 m. The general trend of ore body in NW - SE strike with dip of 70° towards South.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No proposal	Nil	Mine is under suspension by IBM
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m3	No proposal	Nil	

2e	Quantity of overburden generation in m3	No proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		At present no mining operation is being carried out as mine is under suspension by IBM.	At present two pits area developed : Pit-1 (Eastern Part), Pit-2 Western Part)

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	Nil	At present two pits are there in the lease area
3b	Quantity of ROM mineral production proposed	No proposal	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	NA	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	NA	

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	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	
3m	Total area covered under excavation/pits	No proposal	Nil	As on date about 1.933 Ha area is under pit
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Nil	As on date about 2.702 ha area is degraded due to mining and related activities
3p	Production of ROM mineral during the last five year period as applicable	2015-16 : 9917 Tonnes 2016-17 : 4979 Tonnes 2017-18 : 9394 Tonnes 2018-19 : No proposal 2019-20 : No proposal	2015-16 : 400 Tonnes 2016-17 : 360 Tonnes 2017-18 : 799 Tonnes 2018-19 : 500 Tonnes 2019-20 : Nil	
3q	General remarks of inspecting officers on method of mining etc.			At present No mining operations is being carried out, as mine is under suspension for not having valid mining proposals.

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)	No proposal	Nil	One waste dump is developed in the lease area.
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Nil	one OB dump is developed in North western side of lease area
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	One within lease area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	The existing dump is located beyond UPL
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			At present no mining operation is being carried out

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.	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.		No area is matured so far.

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. Not applicable to this case as there is no approved proposals	Not submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	No proposal	Nil	
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	No proposal	Nil for the year	

6f	Any other method of rehabilitation	No proposal.	Nil	No area is matured for rehabilitation within in lease area
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 (Lx B x D	No proposal	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			At present no mining activity, hence no compliance of PMCP

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	

7e General remarks of inspecting officer on Mineral conservation and beneficiation issues

No mining activity at present.

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)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	no proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	Nil	So far 0.36 Ha area is afforested in the lease area
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation had been carried out over 0.36Ha area to improve the aesthetic beauty
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly/ Annual returns to be submitted regularly	Being submitted regularly, Monthly return up to December 2020.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	-	-	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Under Mining : 2.0 Ha, Waste dump : 1.0 Ha	More or less the area seems to be matching	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
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	Below 25% Mn content : 83 tonnes	Found stacked in the lease area	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	

9h	Scrutiny of Annual return on fixed assets	-	-
9k	Scrutiny of Annual return on mining machineries	-	-

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 :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines