

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-136/HYD

Mine code : 40APR20080

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri. Kodandaram, Lessee's representative
Official with
Designation
- (iv) Date of Inspection : 23/10/2016
- (v) Prev.inspection date : 10/03/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GANESH(4.027 HA)**
- (b) **Registration NO.** : **IBM/9465/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : **ANDHRA PRADESH**
District : **VIZIANAGARAM**
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 03/07/2009
- (h) Weekly day of rest :
2. Address for : D.NO: 8-20/6, ALWAR STREET,
correspondance BOBBILI-535 558
VIZIANAGARAM DT.
3. (a) Lease Number : APR3178
- (b) Lease area : 4.03
- (c) Period of lease : 20
- (d) Date of Expiry : 02/07/2029
4. Mineral worked : **MANGANESE ORE** Main

5. Name and Address of the

Lessee : M/S GANESH MINERALS
D.NO: 8-20/6, ALWAR STREET,
BOBBILI-535 558
VIZIANAGARAM DT.
VIZIANAGARAM 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	None	None	
1b	Exploration over lease area for geological axis 1 or 2	5 Holes	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specific	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	4.027 ha	
1e	Balance reserve as on 01/04/20	25,396 tonnes	25,396 tonnes	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	western part of ML	western part of ML	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One each	One each	
2c	Stripping ratio or ore to OB ratio	1:10	1:10	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	1000 m3	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is under suspension w.e.f 27.8.2012

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	20,000 tonnes	NIL	
3c	Recovery of sailable/usable mineral from ROM production	10%	_____	
3d	Quantity of mineral reject generation	320 tonnes	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	N.A	N.A	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	N.A	N.A	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	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	NIL	
3k	Provision of mining machineries in mineral benches	NIL	NIL	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	NIL	

3m	Total area covered under excavation/pits	0.43 ha	0.15 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:15	1:10	
3o	Total area put in use under different heads at the end of year	_____	NIL	
3p	Production of ROM mineral during the last five year period as applicable	N.A	NIL	Mine is under suspension w.e.f 27.8.2012
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	Mine is under suspension w.e.f 27.8.2012

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes	Mine is under suspension w.e.f 27.8.2012
4b	Location of topsoil, OB and mineral reject dumps	South East	South East	
4c	Number of dumps within lease area and outside of lease area	One	One	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	South East side	South East side	
4e	Number of active and alive dumps.	One	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	NIL	
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	Mine is under suspension w.e.f 27.8.2012

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.	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.	_____	_____	The mine is under suspension w.e.f. 27.8.2012

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	NO	The mine is under suspension w.e.f. 27.8.2012
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	The mine is under suspension w.e.f. 27.8.2012
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	NIL	
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.	_____	_____	The mine is under suspension w.e.f. 27.8.2012

Mineral Conservation:

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

7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	—	—	The mine is under suspension w.e.f. 27.8.2012

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	
8b	Concurrent use or storage of topsoil	NIL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	
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	NIL	
8g	Survival rate	NIL	NIL	

8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____	The mine is under suspension w.e.f. 27.8.2012

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NIL	NIL	The mine is under suspension w.e.f. 27.8.2012
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	Returns not submitted. The mine is under suspension w.e.f. 27.8.2012
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	
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	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	

9k	Scrutiny of Annual return on mining machineries	NIL	NIL
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Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(Ch.Suseela)

Indian Bureau of Mines