

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VSK/GAR-1/HYD

Mine code : 99APR19001

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri.Bharathi, Geologist, Dr.P.Vijay Kumar, QP
Official with
Designation
- (iv) Date of Inspection : 06/10/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANGARAMPETA MINE(4.366HA SYNOS 181**
- (b) **Registration NO.** : **IBM/8183/2011**
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **VISAKHAPATNAM**
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail : **info@bmcindia.net**
- Phone : **044-42202345**
- (f) **Police Station** :
- (g) **First opening date** : **09/07/2007**
- (h) **Weekly day of rest** :
2. **Address for** : **32/2, HALLS ROAD, EGMORE**
correspondance **CHENNAI**
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : **ZIRCON** Associated
- ILMENITE** Associated
- GARNET** Main
- SILLIMANITE** Associated
- RUTILE** Associated

5. Name and Address of the

Lessee : M/S Beach Minerals Co.Andhra Pvt. Ltd
32/2, Halls Road, Egmore,
CHENNAI CHENNAI CITY TAMIL
NADU
Phone:
FAX :

Owner : RAMACHANDRAN HARI HARA MAHADEVAN
32/2, HALLS ROAD,EGMORE
CHENNAI CHENNAI CITY TAMIL
NADU
Phone: 044-42202345
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	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Not having approved proposals	Nil, however so far 5 auger bore holes were reported so far in the lease area up to 3 to 6 meters depth.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-	Nil Exploration carried out so far was reported to be by lessee	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposal for the year 2016-17	Nil.	
1e	Balance reserve as on 01/04/20	As on 11.10.2006 Illemanite:26305 Sillimanite:9290 Garnet : 7735 Others : 3095. No working proposals for the year 2016-17	Not reported but as per the document available as below Illemanite: 22642 Sillimanite: 11075 Garnet : 807 Others : 3690	All fig in tonnes
1f	General remarks of inspecting officers on geology, exploration etc	No approved proposal available for the last year 2016-17		No exploration has been carried for the remaining lease area excluding the earlier reported 5 auger bore holes

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No approved proposal available for the last year 2016-17 However as per the last approved document proposal for first 5 years was in North Eastern side of the lease area	Not reported to this office, however some small pits with water logged was observed and it was reported as backfilled .	No notice of opening was submitted to this office
2c	Stripping ratio or ore to OB ratio	1 :1	Not reported	
2d	Quantity of topsoil generation in m3	Nil	No reports available	
2e	Quantity of overburden generation in m3	No proposals for the year 2016-17, However last approved proposals of waste generation was for 1st to 5 th year was 14875 tonnes	Not reported	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposals for the year 2016-17, However last approved proposals of waste generation was for 1st to 5 th year was 14875 tonnes	Not reported	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposals for the year 2016-17, One pit with backfilling proposal was proposed on last occassion	Not reported. small pit with water logged was observed and reported backfilled	

3b	Quantity of ROM mineral production proposed	No proposals for the year 2016-17, Year illimanite sillimanite garnet others heavy 1st Year 1012 357 298 119 2nd Year 1012 357 298 119 3rd Year 1012 357 298 119 4th Year 1012 357 298 119 5th Year 1012 357 298 119 Total 5060 1785 1490 595	Not reported However the production reported to ADMG, Tekkali, Visakpatnam is as below <table border="0"> <tr> <td>Year</td> <td>il</td> <td>sil</td> <td>gar</td> <td>oth</td> </tr> <tr> <td>1st Year</td> <td>4099</td> <td>0</td> <td>2661</td> <td>0</td> </tr> <tr> <td>2nd Year</td> <td>1303</td> <td>0</td> <td>4611</td> <td>0</td> </tr> <tr> <td>3rd Year</td> <td>3321</td> <td>0</td> <td>1146</td> <td>0</td> </tr> <tr> <td>4th Year</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>5th Year</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>total</td> <td>8723</td> <td>0</td> <td>8418</td> <td>0</td> </tr> </table>	Year	il	sil	gar	oth	1st Year	4099	0	2661	0	2nd Year	1303	0	4611	0	3rd Year	3321	0	1146	0	4th Year	0	0	0	0	5th Year	0	0	0	0	total	8723	0	8418	0
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5th Year	0	0	0	0																																		
total	8723	0	8418	0																																		
3c	Recovery of sailable/usable mineral from ROM production	No proposals for the year 2016-17, Total heavy minerals recovery was 50% on last approved document	Not reported																																			
3d	Quantity of mineral reject generation	No proposals for the year 2016-17, Year others heavy 1st Year 119 2nd Year 119 3rd Year 119 4th Year 119 5th Year 119 total 595	Not reported																																			
3e	Grade of mineral rejects generation and threshold value declared.	No proposals for the year 2016-17, Nil	Not reported																																			
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals for the year 2016-17, Manual method of segregation was approved on last ocassion	Not reported																																			

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals for the year 2016-17, No such study was reported to be carried out	No reports available
3m	Total area covered under excavation/pits	No proposals for the year 2016-17, However it was approved to degrade 0.5 ha on last occasion	Not reported
3p	Production of ROM mineral during the last five year period as applicable	No proposals for the year 2016-17,	No reports available in this office.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals for the year 2016-17, Backfilling in worked out pit	Not reported to this office.	
4k	Specific comments of inspecting officer on waste dump management	No proposals for the years after completion period of approved document letter dated 11.10.2006, it was approved to backfill the mined out area with waste,	Not reported. However , small pit with water logged was observed and reported by mine official that the waste was backfilled in these pits. Due to water logged the extent could not be ascertained.	

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.	after excavation of mineral the excavated pit will be backfilled	Not reported to this office.
5b	Area under backfilling of mined out area	No approved proposals However on last occasion it was approved to back fill the mined out area of 70 m x 85 meters	Not reported, could not ascertain in the field due to water log of small pit.

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).	Before 1 st July of every year for the preceeding year detail	Not submitted	
6c	afforestation done (ha).	no proposals 800 no. of sapling will be planted for the plan period of approved mining plan on last occasion	Not reported	

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal for the last year	Not reported	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal for last year	Nil for the last year. However earlier method adopted was semi-mechanised.	

7d	Any beneficiation process at mines	No proposal	No
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal for the last year	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal for the last year (2016-17)	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal for the last year (2016-17)	not reported.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal for the last year (2016-17)	Lessee not reported to this office pertaining to the environment details.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MOnthly and annual reurns has tobe submitted as per statute	Not submitted	Violation pointed out
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No returns submitted	No information available	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No returns submitted	No reports available
9d	Scrutiny of Annual return on afforestation	No returns submitted	nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No returns submitted	No information available.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No returns submitted	No information available
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No returns submitted	No information available
9h	Scrutiny of Annual return on fixed assets	No returns submitted	Nil

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
MCDR17 Rule 11(1)	26/10/2017		MCDR17 Rule 11(1)	26/10/2017	
MCDR17 Rule 11(3)	26/10/2017		MCDR17 Rule 11(3)	26/10/2017	
MCDR17 Rule 14(1)	26/10/2017		MCDR17 Rule 14(1)	26/10/2017	
MCDR17 Rule 20	26/10/2017		MCDR17 Rule 20	26/10/2017	
MCDR17 Rule 26(2)	26/10/2017		MCDR17 Rule 26(2)	26/10/2017	
MCDR17 Rule 27(2)	26/10/2017		MCDR17 Rule 27(2)	26/10/2017	
MCDR17 Rule 31(1)	26/10/2017		MCDR17 Rule 31(1)	26/10/2017	
MCDR17 Rule 37(1)	26/10/2017		MCDR17 Rule 37(1)	26/10/2017	
MCDR17 Rule 45(5)(k)	26/10/2017		MCDR17 Rule 45(5)	26/10/2017	
MCDR17 Rule 45(5)(c)	26/10/2017		MCDR17 Rule 45(5)	26/10/2017	
MCDR17 Rule 54(a)	26/10/2017		MCDR17 Rule 54(a)	26/10/2017	
Rule 63	26/10/2017		Rule 63	26/10/2017	

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines