

**INDIAN BUREAU OF MINES  
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLR/QTZ-149

**Mine code :** 49APR15082

- (i) Name of the Inspecting : **RK13** ) **A.V.Ramesh Kumar**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Kondala Naidu, Rep. of lessee  
Official with  
Designation
- (iv) Date of Inspection : 12/04/2013
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **PRABHAGIRIPATNAM(4.856 HA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : ANDHRA PRADESH  
District : NELLORE  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (e) Police Station : PODALAKUR
- (f) First opening date : 01/04/2011
2. Address for : ANJANEYA MINING COMPANY,  
correspondance PRABHAGIRIPATNAM VILLAGE, PODALAKUR MANDAL,  
NELLORE DISTRICT, ANDHRA PRADESH
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
4. Mineral worked : QUARTZ Main

5. Name and Address of the  
 Lessee : ANJANEYA MINING COMPANY  
 PRABHAGIRIPATNAM VILLAGE  
 PODALAKUR MANDAL NELLORE  
 ANDHRA PRADESH  
 Phone:  
 FAX :
6. Date of approval of Mining :  
 Plan/Scheme of Mining

**PART - II : TECHNICAL DETAILS/COMMENTS**

1. Details about Average employment :  
 Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
<b>DIRECT</b>		
<b>Managerial</b>	1	44
<b>CONTRACT</b>		
<b>Workers</b>	6	44

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
<b>General</b>					
Health			0.00		
Water supply			0.00		
Sanitation			0.00		
Housing			0.00		
Safety			0.00		
Medical facility			0.00		
Sub total			0.00		
<b>Infrastructure</b>					
Public transport			0.00		
Sub total			0.00		
<b>Others</b>			0.00		
<b>Environment management</b>			0.00		
<b>Employment</b>			0.00		
<b>Total</b>			0.00		

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

This is the first inspection of the mine. During the inspection violation of rule 45(5)(a)(viii) was found violated and the same was pointed to the lessee company.

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.

None

**5. Scientific Mining**

Items	Proposal	Actual work done	Remarks
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**A. Exploration (Rule 13)**

- a.Type of prospecting and exploration i.e. pitting, drilling : No exploration was proposed. No exploration was carried out during the year.
- b.Total area covered : Not applicable Not applicable

**B. Working (Rule 13)**

- a.Number and size of each pit (LxWxH) : Two pits were proposed. 1. 8x6x3m  
2. 10x5x2m
- b.Bench size(LxWxH)length can be defined as regular/irregular : Regular Regular

**C. Waste disposal (Rule 13)**

- a.Location of dumps : One dump on North west side. One dump on North west side was observed
- e.Yearly generation of waste quantity. : 90 cu.m 100 cu.m
- b.Method of dumping whether advancing/retreat : Advancing Advancing
- c.Total area covered under waste dump. : 0.01 ha 0.01 ha

**D. Production**

- b.Year wise production of last five year. : The proposed production for the last five years is 9000 tonnes,10,500 tonnes,12,000 tonnes,10,500 tonnes,10,500 tonnes. This is the third year of the plan period. The actual production acheived is 2009-10= Nil  
2010-11=Nil  
2011-12= 1200 tonnes.

**D. Reserve**

- a.Reserve position as per latest MP/MS and at the time of inspection. : - 14,98,200 tonnes

**RESERVE POSITION AS ON 01/04/2013**

<b>QUARTZ</b>		
Category	Quantity in Tonnes	Grade
Proved	1498200	
Probable		
Possible		
Total	1498200	

PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013

Mineral	Production	Unit
QUARTZ	1200	TON

**6. Conservation of Mineral - both quantitative and qualitative****Beneficiation (Rule 20 and 26)**

Efforts for improving percentage of recovery of ore : The ROM is being chipped and sorted out manually and supplied to local consumers.

**Mineral Rule 15**

Percentage of recovery of ore : 50%  
pitwise w.r.t. ROM and total material

Number of benches in ore and waste : One bench in the ore and one bench in OB.

**Sub/grd mineral/fines (Rule16)**

Total area covered for stacking : Not applicable

Location of stacking. : Not applicable

Separate stacking from waste : No subgrade generation was reported.

**Exploration data as on 31/03/ 2013**

No. of Boreholes	No. of Pits	No. of Trenches
0	0	0

**OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013**

Overburden/waste removed (in m3) :	100
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**Utilisation of Sub Grade Mineral and Mineral Rejects**

Generated	Utilised	Stacked	(In Ton.)

**7. Environment Management - both quantitative and qualitativ****A. Land environment**

- a. Landscape. : It is a hilly terrain sloping towards South.
- b. Aesthetic environment : No aesthetic beuty was noticed.
- c. Soil and land use pattern : No topsoil was generated.
- d. Agriculture : No agricultural practises were observed in the lease.
- e. Forest(flora and fauna) : It is a non forest area.
- f. Vegetation : Except for the degraded area the entire area is covered by vegetation.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No Public building, places and monuments (protected, historical), placec of worship and places of tourist interest were observed in the vicinity of the lease.

**B Water environment.**

- a. Surface water : No surface water sourcesc were there in the lease.
- b. Ground water : The ground water table is at a depth of 45m.
- c. Quality of water : Not applicable

**C. Air environment**

- a. Noise : As the mining operations are of small scale nature not much of air or noise ollution is envisaged.
- b. Air : As the mining operations are of small scale nature not much of air or noise ollution is envisaged.
- c. Climatic condition : It is a tropical climate area.

**D. Socio economic environment**

- a. Social and demographic profile. : The major occupation of the people in the area is agriculture.
- b. Recommending health and safety. : None
- c. Human settlement : The nearest village is prabhagiripatnam with a population of 1500.
- d. Recreational facility. : None

**7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.**

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>		<u>2012 - 2013</u>
		Area in Hect.

Within lease area			Outside lease area		
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate
.01	10	70	0	0	0

**TOP SOIL MANAGEMENT**  
Quantity as on 31/03/2013



8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

The lessee company has submitted annual return for the year 2011-12. The production reported was 1200 tonnes. The closing stock is reported as 400 tonnes. The cost of production is reported as Rs.1050/- per tonne. The reserves as per UNFC are 14,98,200 tonnes.

**PART - III : PERFORMANCE OF MINE OWNER**  
(In case of lease expiring within 2 years - as per guidelines)

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

Nil

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

A letter to State Govt was sent to erect permanant lease boundary pillars.

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

Nil

Date :

(A.V.Ramesh Kumar)

Indian Bureau of Mines