

Draft

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

Hyderabad,
Date:

No. AP/NLR/Gr-1

To

Shri B.Raja Rao
Krishna Terrace, 339/1,
Avvai Shanmugam Salai
Gopalapuram,
Chennai-600 086

Sub : Violation of Provisions of MCDR 2017 in respect of your Venkata sai Garnet Mine in Molakalapundla (V), Sydapuram (M) SPSR Nellore district of State Andhra Pradesh over an extent of 27.82 ha. reg.

Dear Sir,

The following provisions of Mineral Conservation and Development Rules, 2017 were found violated in your above mine during inspection on 06.03.2017 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore, accompanied by Shri B.Delip Sing, Agent.

Rule No.	Nature of violation observed
11(3) of MCDR 2017 Read with provision of sub-rule(1) of rule 17 of the Minerals (other than Atomic and Hydro Carbon Energy Minerals) Concession Rules 2016	The Scheme of Mining should have been submitted to the Regional Controller of Mines, IBM, Hyderabad at least one hundred twenty days before the expiry of the five years period, for which it was approved on the last occasion. The Mining Plan for above mine was approved on 19.06.2009 for a period of five years. The proposed period of approved Mining Plan expired and no Scheme of Mining was submitted for the subsequent period so far.
45(5)(b)(i)	Monthly returns in -F-1 from January - 2017 to March-2017 have not been submitted to the Regional Controller of Mines, IBM, Secunderabad so far as required under this rule.
45(5)(c)(i)	Annual return in G-1 for the year 2015-16 has not been submitted to the Regional Controller of Mines, IBM, Secunderabad so far as required under this rule.

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 58 of MCDR 1988.

03. You are advised to rectify the above violations immediately and intimate the position to this office within 45 (forty five) days from the date of issue of this letter.

Yours faithfully,

(PANKAJ KULSHRESTHA)
Regional Controller of Mines

N.O.O.:

Copy for kind information to :-

1. The Controller of Mines (SZ), IBM, Bangalore.
2. The Director of Mines & Geology, Govt. of Andhra Pradesh, 8 th floor, BRKR Bhawan, Hyderabad.
3. The Assistant Director, Dept. of Mines and Geology, Govt. of Andhra Pradesh, D.No. 26-3-457/1, 1 st Floor, C.Kalyan Complex, Near SBI, BV Nagar, Mini bypass road, Nellore.
4. The Assistant Mining Geologist, IBM, Nellore.

(PANKAJ KULASHRESTA)
Regional Controller of Mines

TMIS DATABASE FOR MCDR INSPECTION (MANUAL)

1(i)	Mine File No.	AP/NLR/Gr-1
(ii)	Mine Code No.	26 APR 15001
(iii)	Date of Inspection	06.03.2017
(iv)	Name of Mine	Venkatasai Garnet mine
(v)	Name of the lessee with address	Shri B.Raja Rao 162/1, Lioyds Road Avvoi Shanmugam Salai, Gopalapuram, Chennai-088
(vi)	Name of owner with address & phone	-do-
(vii)	Lease area in Ha.	22.05 ha.
(viii)	Date of execution	06.03.1978 (1st renewed from 06.03.1997 to 05.03.2017-lessee applied for II renewal of ML)
(ix)	Expiry date	05.03.2017(lessee applied for IIInd renewal of ML)
(x)	Date of first opening	During 1982
(xi)	Earlier two dates of inspection	(i) 05.03.2016 (ii) 07.04.2014
(xii)	Name & designation of the Inspecting officer with ID No.	D.P.Ravikumar, AMG
(xiii)	Name & Designation of mine Official accompanying	Shri B.Dilip Singh, Agent
(xiv)	Mine address	
	State	Andhra Pradesh
	District	Nellore
	Village	Molakalapundla
	Mandal	Sydapuram
	Post Office	Sydapuram
	Police Station	Sydapuram
	Pin code	524 407
	Fax	0
	E-mail	0
(xv)	Type of Mine (OC, UG, BOTH) Working/Non-Working	OC – Non -working. (Mine temporary discontinued)
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	19.06.2009

2. LAND DETAILS (WITHIN LEASE AREA)

Code	FOREST	Area (Ha)
33	Total Forest	0
1	Reserve Forest	0
2	Protected forest	0
3	Forest unclassified	0
4	Forest sanctuary	0
5	Forest national park	0
6	Forest mineralised	0
7	Forest non-mineralised	0
19	Degraded land by pit	0
20	Degraded land by dump	0
23	Degraded land by road	0
25	Degraded land by plant, Building, Town	0
31	Land acquired	0

Code	NON-FOREST	Area (Ha)
34	Total Non-Forest	22.05
8	Private land	0
9	Agricultural irrigated land	0
10	Agricultural non-irrigated land	0
12	Govt. grazing land	0
13	Govt. waste land	22.05
14	Govt. other land	0
15	Mineralised	0
16	Non-mineralised land	0
21	Degraded land by pit	0.210
22	Degraded land by dump	0.1
24	Degraded land by road	0.1
26	Degraded land by plant, Building, Town	0
32	Land acquired	0

3. MINERAL

Main Mineral(s)	Associated Mineral(s)	Captive Use (Yes/No)	End Product	Non captive use		Remarks
				Domestic (Yes/No)	Export (Y/N)	
Garnet		No	0	Yes	N	-

4. MINING ENGINEER/GEOLOGIST DATA (APPOINTED UNDER RULE-42 OF MCDR, 1988 AND MINES MANAGER (appointed under MMR, 1961)

Status	Name	Designation	Educational Qualification	Date of Appointment	Address
Agent	B.Dilip Singh	Agent	B.Sc	03.07.2007	8/89, Raja Street, Gudur, Nellore district
Mining Engineer/ Geologist	None	-	-	-	
Manager	B.Narasaiah	Mines mate competency with manager's Permit	SSLC	03.07.2007	8/89, Raja Street, Gudur, Nellore district

5. EXPLORATION

a) Exploration carried out as on 1.4. 2016

No .of boreholes	0	No .of pits	0	No. of trenches	0
Grid interval(m)	0	--	0	--	0
Max. depth(m)	0	Max. depth(m)	0	Max. Length(m)	0
Min. depth(m)	0	Min. depth(m)	0	Min. Length(m)	0
Total meterage	0	Total meterage	0	Total Length(m)	0

6. EXTENT OF OPEN-PIT DEVELOPMENT

Pit No.	Pit Size	No of OB Bench	Ht. of Bench (m)	Width (m)	No. of Benches In ore	Hei- Ght (m)	Width (m)	Pit Depth (m)	Top RL (m)	Botto mRL (m)	Overall Pit slope
1	60 x 20 x 1.5	0	0	0	1	1.5	1	1.5	40	34	30
2	35 x15x 1.5	0	0	0	1	1.5	1	1.5	40	34	30
3	30 x 10 x 1.5(Quartz pit)	0	0	0	1	1.5	1	1.5	40	34	30

7. REHABILITATION OF QUARRIES

Quarry / Open pit

Year	Area Broken (Hect.)	Area Recla imed	Area Matured For recla- mation	% of recla mation	Area Rehabilitated			Total Area Rehabilit a- ted
					BF	WR	OM	
1) Cumulative as on 1.4.2014	0.210	0	0	0	0	0	0	0
2) During the previous year	--	0	0	0	0	0	0	0
3) Cumm. As on date of inspection on	0.210	0	0	0	0	0	0	0

BF= Back filled; WR = Water reservoir; OM = Other means; Remarks = Under Remarks give post mining land use of the area reclaimed.

8. CHARACTERISTICS OF WASTE DUMP AND TOP SOIL DUMP

- A) OB Dump =0 A) Area=0 B) Height=0 C) Capacity cu.m=0
 B) Topsoil dump=0 A) Quantity generated=0 B) Used =0

9. OVERBURDEN AND WASTE GENERATED

OB Removal

Year	OB removed In previous Year(cu.m)	Cumulative O.B Removed till end of Previous year (cu.m)	Ore: OB ratio Previous year (Total –cum)	Whether Dumping on Mineralized Ground(Y/N)	Remark, if Dumped on Mineralized Ground
2014-15	0	0	0	0	0

10. PRODUCTION & RESERVE:

a) Reserve as on 1.4.2016

Name of Mineral	Proved		Probable		Possible		Total	
	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade
Garnet	12189						12189	-

c) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2009-10	Garnet	7.00	Nil	331.000
2010-11	Garnet	Nil	Nil	331.000
	Quartz	61.000	Nil	61.000
2011-12	Garnet	Nil	Nil	331.000
	Quartz	Nil	Nil	61.000
2012-13	Garnet	Nil	Nil	331.000
	Quartz	Nil	Nil	61.000
2013-14	Garnet	Nil	Nil	331.000
	Quartz	Nil	Nil	61.000
2014-15	Garnet	Nil	Nil	331.000
	Quartz	Nil	Nil	61.000
2015-16	AR Not submitted			

11. SUB-GRADE MINERAL AND MINERAL REJECT

a) Sub-grade mineral

Name of Mineral		Quantity generated	Quantity Consumed	% utilisation	Quantity Stacked	Nature of Utilization	Grade of Sub-grade
Garnet	Cumulative at the End of previous Year1-4-2016	NIL.					
	During previous year						
	Cum.as on date of inspection						

12. RECLAMATION/REHABILITATION OF WASTE DUMP – Area : 0 (ha)**13. PLANTATION**

Plantation	Inside mining lease			Outside mining lease		
	No.of Trees	Area in Hect	Rate of Survival	No.of Trees	Area in Hect.	Rate of survival
1. Already carried out up to the end of previous year – cumulative	0					
2. During the previous year	0					
3. As on date of inspection(cumulative)	0					

PART – II :: TECHNICAL DETAILS/COMMENTS**1. Details about average employment****Maximum number of persons employed on any day during the year**

Classification	Direct	Contract	Total	Av.no of Days worked	Opencast / Underground
Managerial	0	0	0	Mine not working, temporarily discontinued.	0
Supervisory	0	0	0		0
Workers	0	0	0		0
Ministerial	0	0	0		0
Employment in Plant	0	0	0		0
Others	0	0	0		0
Total					

2. Community Development plan (in and around the mines)

Sl. No.	General	Proposed For previous year (in Lakhs)	Proposed For current year (in Lakhs)	Incurred In previous year (in Lakhs)	Incurred so far (in Lakhs)	Remarks
1	2	3	4	5	6	7
1a	Housing	0	0	0		0
1b	Water Supply	0	0	0		0
1c	Sanitation	0	0	0		0
1d	Health	0	0	0		0
1e	Safety	0	0	0		0
1f	Medical facility	0	0	0		0
2	Training	0	0	0		0
3	Employment	0	0	0		0
4a	Public Transport	0	0	0		0
4b	Roads	0	0	0		0
4c	Communication	0	0	0		0
4d	Electricity	0	0	0		0
5a	Recreation	0	0	0		0
5b	Sports activities	0	0	0		0
6	Environment Management	0	0	0		0
7	Others	0	0	0		0

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

The last MCDR inspection was carried out on 05.03.2016 and contravention of rule 12(3) & 13(1) were Pointed out vide letter No. AP/NLR/Gr-1 dated 26.04.2016 issued from RCOM, IBM, Hyderabad. In this connection, lessee replied and requested for time for submission of Mining Scheme.

Further, the lessee submitted the draft Mining Scheme in this office on 01.12.2014 and the same was forwarded 02.12.2014 for further action. But the same was not yet complied and still continuing the violation of rule 11(3) 45(5)(b)(i) & 45(5)c)(i) of MCDR 2017. Accordingly draft violation letter is being sent to RCOM, IBM, Hyderabad for further action.

4. A note on 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 commended.

Not recommended at this stage.

5. Scientific Mining.

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a. Type of prospecting & exploration i.e., pitting,drilling etc. b) Total area covered	0	0 0	The validity of approved mining plan expired on and no further SOM is submitted. As such violation of rule 12(3) is being pointed out. The status of existing pits furnished.
B. Working (Rule – 13)	0		
a. Number and size of each pit (LxWxH)	0	60 x 20 x 1.5 (Garnet pit) 35x 15 x 1.5 (Garnet pit) 30x 10 x 1.5 (Quartz pit)	
b. Bench size (LxWxH) length cab be defined as regular/ irregular c. Ore to waste ratio pit-wise, if possible, otherwise for mine	0	4 x 1x 1.5	
d. Total area covered under excavation/pits	0	0.210 ha.	

C. Waste disposal(Rule 13)			
a. Location of dumps	0	0	0
b. Method of dumping whether advancing/ retreat	0	0	0
c. Total area covered under waste dump	0	0	0
d. No.and size of each waste dump with No.of steps/lift/bench	0	0	0
e. Yearly generation of waste quantity	0	0	0

6. Conservation of Mineral – both quantitative and qualitative.

Beneficiation (Rule 20 and 26)	
Efforts for improving low grade and sub-Grade mineral	No low grade ore or sub-grade minerals generated in Garnet .
Efforts for improving percentage of Recovery of ore.	The excavated material after screening on 12mm screen the over size is being weighed. Recovery of the ore is 22 % .
Mineral (Rule – 15)	
No.of benches in ore and waste	One single bench is observed.
Percentage of recovery of ore pit-wise w.r.t ROM and total material	22%.
Sub-grade mineral/fines(Rule – 16)	
Separate stacking from waste	0
Location of stacking	0
Total area covered for stacking	0
No. and size of each stack	0
Quantity of yearly generation and total Quantity available during inspection with Grade	0

7. **Environment Management – both quantitative and qualitative.**

Land environment

a. Landscape	The leasehold is located on a low height nearly symmetrical gently sloping hill and on a high ground east of the hill.
b. Aesthetic environment	There are two important water tanks. They are pullimitta tank north of Sydapuram and the other is the Tippireddipalli which help for dry farming. There is nothing to comment/highlight on this item.
c. Soil and land use pattern	No top soil existing.
d. Agriculture	No agricultural activities observed in nearby vicinity. Horticulture in the form of gardens is mainly of lime and mango. Dry farming is in growing pea nuts and Jawor depending on rain water.
e. Forest (flora and fauna)	There are reserve forests within 5km of the lease area known as the Sydapuram RF NWW of sydapuram and also North of Sydapuram.
f. Vegetation	Babul trees and some areas have only shrub growth.
g. Public building, places and monuments (protected, historical), place of worship and places of tourist importance.	At Sydapuram the public buildings are Police station, ZP School, Govt. Dispensary, A Hindu temple and Mosques. No monuments of historical importance, sanctuaries, agriculture and human habitans exist in and around the lease area.
B. Water environment	
a. Surface water	No surface nalla or water flow is observed in and around the lease hold.
b. Ground water	The ground water west of the Sydapuram Kalichedu road is at depth of more than 6m with poor yield of water, as the streams therein runoff in a short time after rains. No ground water encounters in the lease.
c. Quality of water	Water from nearby well/ bore well is used for domestic consumption by local population. The same water is used for drinking by the mining workers.
C. Air environment	
a. Noise	No survey has been done being a very small cat 'B' mine However, no adverse was reported.
b. Air	The mining is one of petty scale manual surface operation where explosives are not used. Hence no dust is created while mining this deposit.
c. Climatic condition	The climate is seasonal and tropical.
D. Socio economic environment	
a. Social and demographic profile	Sydapuram is located at about 05. KM which has about 5000 population. These villagers get employment in this mine.
b. Recommending health and safety	Nothing specific.
c. Human settlement	No human settlements exist within the leasehold.
d. Recreational facility	Gudur is the nearest town at about 12KM which has got recreational facilities like theatres, parks, etc.

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

The Annual Return for 2015-16 not submitted, However, the AR for 2014-15 has been scrutinized. The comments are as follows:

Cost of Production : (Mine not working)
Reserves : Not furnished,
Production : (Mine not working)
Stock : 331 t, Garnet, 61 t Quartz
land use pattern : Consists of degradation of area by 03 pits. No top soil exists.
Fixed assets : NA.

PART – III :: PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years – as per guidelines)

Not applicable, since the validity of lease is not expiring within 2 years

PART – IV :: PROPOSAL FOR FURTHER ACTION FOR

- a) Indian Bureau of Mines (any issue related to CGPB, SGPB, assistance, consultancy, annual Programme and studies etc.) : Nil
- b) The State Government (illegal mining, mining dispute, infrastructure, mineral based industry, mineral policy & etc.) : The permanent boundary pillars of the lease area were not found. Hence necessary action may please be taken for getting the Permanent boundary pillars fixed to demarcate the lease boundary.
- c) The Central Government (infrastructure development, mineral policy and legislation, mineral based industry & etc.) : Nil

Nellore
Date: 27.04.2017

(D.P.RAVIKUMAR)
Assistant Mining Geologist
Indian Bureau of Mines

Government of India
Ministry of Mines
Indian Bureau of Mines

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Dated:27. 04.2017.

AP/NLR/Gr-1

To

The Regional Controller of Mines
Indian Bureau of Mines
Hyderabad,

Sub: MCDR inspection report of Venkata Sai Garnet Mine in Molakalapundla village, Sydapuram Mandal, SPSR Nellore district, Andhra Pradesh owned by Shri B.RajaRao.

Sir,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his inspection on 06.03.2017 is forwarded herewith.

02. Violations of MCDR 2017 have been found. The draft violation of the same has already sent to RCOM, Hyderabad for further action.

03. Further action is to be taken as below:

- a) Indian Bureau of Mines : Nil
- b) The State Government : The Permanent boundary pillars of the lease area were not found. Hence necessary action may please be taken for getting the permanent boundary pillars fixed to demarcate the lease boundary.
- c) The Central Government : Nil

Yours faithfully,

Encl: 1) MCDR Inspection report.
2) Draft violation letter

(D.P.RAVIKUMAR)
Assistant Mining Geologist
Indian Bureau of Mine

