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No.13016-12-97-CA  
Government of India  
Ministry of Mines & Minerals ✓  
Department of Coal

New Delhi, dated the 30<sup>th</sup> November, 1999

To

Shri A P V N Sarma  
Chairman/Managing Director  
Sigareni Collieries Company Ltd.  
Kothagudem  
Andhra Pradesh

*Dir (PALS)*

3416  
20.12.99

**Subject: Approval of mining plan in respect of Shantikhani Extension block of Singareni Collieries Company Ltd.**

Sir,

I am directed to refer to your office letter No.EM/ML/3/95 dated 1.7.98 on the subject mentioned above and to convey the approval of the Central Government under Section 5(2)(b) of the Mines & Minerals (Regulation & Development) Act, 1957, to the mining plan for Shantikhani Extension block submitted by the Singareni Collieries Company Ltd.

2. Two copies of the approved mining plan are returned herewith. A copy of the approved mining plan may be submitted to the Government of Andhra Pradesh along with the SCCL application for grant of mining lease.

Yours faithfully,

*(A. Banerji)*  
Director

Encl: As above



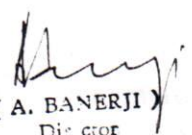
*Attended*  
*Prasad*  
**GENERAL MANAGER  
MANDALAM**

*A*  
*for no.*  
*for 20/12/99*

**MINING PLAN**  
**RULE 22 (3) OF**  
**MINERAL CONCESSION (AMENDMENT) RULES, 1937**  
**FOR THE GRANT OF MINING LEASE**  
**FOR**  
**SHANTIKHANI EXTENSION BLOCK**  
**(BELAMPALLI AREA)**

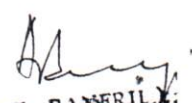
APPROVED MINING PLAN

APPROVED MINING PLAN

  
(A. BANERJI)  
Director  
Ministry of Mines & Minerals  
Department of Coal  
Govt. of India, New Delhi



29.11.99

  
अतनु वेन. A. BANERJI  
Director  
Ministry of Mines & Minerals  
कोयला मंत्रालय  
शास्त्री प्रणव  
नई दिल्ली / New Delhi 29.11.99

**THE SINGARENI COLLIERIES COMPANY LIMITED**  
(A GOVERNMENT COMPANY)

DEPARTMENT OF PROJECT PLANNING  
P. O. KOTHAGUDEM COLLIERIES - 507 101  
KHAMMAM DISTRICT : : ANDHRA PRADESH

JUNE, 1998.

F. No. 11-423/2011-FC  
Government of India  
Ministry of Environment & Forests  
(FC Division)

Paryavaran Bhawan,  
CGO Complex, Lodhi Road  
New Delhi-110 003  
Dated: 31<sup>st</sup> January, 2013

To  
The Special Chief Secretary,  
Environment Forests, Science and Technology Department,  
Government of Andhra Pradesh,  
Hyderabad.

Sub: Diversion of forest land for coal mining, providing of land for Compensatory afforestation, request of Singareni Collieries Company Limited (SCCL) to grant them CPSU status-reg.

Sir,

I am directed to refer to the Chief Secretary, Government of Andhra Pradesh's D.O. No. CRP/EST/C/005 dated 03.11.2012 on the above-mentioned subject, wherein this Ministry was requested to grant the status of Central Public Sector Unit (CPSU) for the purpose of providing land for Compensatory afforestation in lieu of the forest land diverted in favour of Singareni Collieries Company Limited (SCCL) for coal mining and allied activities.

The matter has been examined in this Ministry. Keeping in view *inter alia* that the SCCL is a fully Government owned company with 51% equity held by the Government of Andhra Pradesh and the remaining 49% by the Government of India, the Central Government has decided to accord status of CPSU to the SCCL for the purpose of creation of compensatory afforestation in respect of the proposals seeking prior approval of Central Government in accordance with Section-2 of the Forest (Conservation) Act, 1980 for diversion of forest land in their favour for coal mining and allied activities to be received by this Ministry in future.

This issues with approval of the Hon'ble Minister of State (Independent Charge) for Environment and Forests.

Yours faithfully,

(H.C. Chaudhary)

Assistant Inspector General of Forests

Copy To:-

1. The Principal Chief Conservator of Forests, Government of Andhra Pradesh, Hyderabad.

c/c Received  
1/2

  
**General Manager**  
The Singareni Collieries Co. Ltd.  
MANDAMARU  
P.O. KALYANI KHANI-S. 111



Date: 11.07.2017.

**THE SINGARENI COLLIERIES COMPANY LIMITED**  
(A Government Company)

**DETAILS OF SURFACE FOREST LANDS DIVERTED, SURRENDERED, PROPOSED TO BE SURRENDERED AND BALANCE.**

Sl. No.	Name of the Project/purpose	Extent diverted	Govt. Reference No & date	Lease period years	Remarks
<b>UNDER F(C)ACT:</b>					
<b>KOTHAGUDEM DIVISION:-</b>					
1	1 <sup>st</sup> Renewal of OCP (Phase-I) GK	161.31	8-117/2002-FC, dt.01.02.2010	20 years from 08.02.2003	100.00 Ha. surrendered to forest dept. on 07.07.2010
2	GK OCP (Phase-II).	124.00	8-17/98-FC, dt.08.02.1999	20 years from 08.02.1999	
3	Approach road from workmen colony to GK OCP.	1.80	F(C)A/11.2/37/AP/RC/1376, Dt.27.08.1999	Not mentioned	
4	Re-alignment of TellavaguNallah at VK-7.	11.96	F(C)A/16.1/70/AP/MIN, dt.31.08.2005.	10 years from 31.08.2005	
5	GK OCP (Phase-III)	154.96	8-62/2005-FC, dt.9.07.2008.	20 years co-terminus with ML.	
6	Installation of submersible pumps.	0.90	8-277/85/FC dt.18.08.2008	10 years from 18.08.2008	
7	Koyagudem OCP-I (Phase-I).	236.00	8-113/99-FC, dt.14.05.2001.	30 years from 14.05.2001	
8	Koyagudem OCP-II (Phase-I).	231.94	8-90/2006-FC, dt.08.01.2008	20 years co-terminus with ML from 26.02.2008.	
9	Koyagudem OCP-II (Phase-II).	231.84	8-22/2014-FC, dt.18.04.2017	20 years co-terminus with ML from 13.10.2015	
	<b>Sub total (a)</b>	<b>1154.71</b>			
<b>MANUGURU DIVISION:-</b>					
10	Manuguru OCP-I (Phase-I).	308.40	8-24/88-FC, dt.21.12.1988.	20 years co-terminus with ML	Renewal.
11	Renewal of OCP-II MNG(Ph-II) (Part)	125.90	8-56/2004-FC, dt.14.07.2008.		Renewal.
12	OC-IV, Manuguru.	104.00	8-14/94-FC, dt.14.02.1997.		Renewal.
13	OC-II, MNG (Phase-III), Balance.	286.25	8-8/96-FC, dt.10.10.1997	30 years from 10.10.1997	
14	Sand Stowing Plant at Manuguru.	2.00	F(C)A/11.2/45/MISC/AP/1040, dt.27.07.1999.	20 years co-terminus with ML	Renewal.

Sl. No.	Name of the Project/purpose	Extent diverted	Govt. reference No & date	Lease period years	Remarks
15	OCP-III, Manuguru	75.00	8-37/2001-FC, dt.31.12.2003	20 years co-terminus with ML	
16	Development of Mines and ancillary purposes.	444.45	8-73/2005-FC, dt.10.07.2008.	20 years co-terminus with ML	Originally granted by State Govt. in 1979. Regularised under F (C) Act. in Renewal.
17	Manuguru OCP-II Expansion.	175.69	8-7/2008-FC, dt.30.12.2008.	20 years co-terminus with ML	
18	Incline entries for Kondapuram UG ML	10.50	8-71/2009-FC(vol), dt.06.01.2016	co-terminus with ML	
19	Manuguru OCP	33.58	8-73/2005-FC (vol.I), dt.4/9.05.2016	30 years co-terminus with ML	
20	Manuguru OCP-IV Extn.	430.42	8-79/2013-FC, dt.24.04.2017	30 years co-terminus with ML (383.42 Ha. FL) from 14.07.2016	Balance 47.00 Ha. FL covered in Manuguru ML
	<b>Sub total (b)</b>	<b>1996.19</b>			
<b>SATHUPALLI DIVISION:-</b>					
21	JVR OCP-I.	244.02	8-129/2003-FC, dt.02.02.2005.	20 years co-terminus with ML	
22	JVR OCP-I Expansion	136.50	8-56/2008-FC, dt.03.07.2012	20 years co-terminus with ML	
23	JVR OCP-II	776.20	8-56/2014-FC, dt.31.05.2017	30 years co-terminus with ML	
	<b>Sub total (c)</b>	<b>1156.72</b>			
<b>PEDDAPALLI DIVISION:-</b>					
24	GDK 9, 10&10A Inc.	247.00 (surface)	8-109/2005-FC, dt.02.05.2008.	20 years from 02.05.2008	Underground Mining lease is 412.40 Ha.
25	RG OCP-II Expansion	147.42	8-109/2005-FC (vol-1), dt.01.08.2013	30 years co-terminus with ML	
	<b>Sub-total (d)</b>	<b>394.42</b>			
<b>MANCHERIAL DIVISION:-</b>					
26	RK 8 Incline.	6.20	FC(A) 16.1/AP/11/MIN, dt.23.02.1996.	Not mentioned	
27	RK New Tech.	8.96	8-70/90-FC, dt.23.02.1998.	Not mentioned	
28	Srirampur 2A Incline.	13.85	8-56/91-FC/1777/F, dt.29.05.2001.	30 years from 29.05.2001	
29	RK 5B Incline.	4.85	8-72/93-FC, dt.23.02.1996	Not mentioned	
30	RK 1A Incline.	8.26	F(C)/16.1-A.P-50-MIN/2408, dt.11.03.2003.	Not mentioned	
31	SRP OCP-II	100.82	8-27/2007-FC, dt.16.06.2009	20 years co-terminus with ML	
32	RK OCP (Phase-I)	202.50	8-26/2010-FC, dt.31.05.2013	20 years co-terminus with ML	
	<b>Sub total(e)</b>	<b>345.44</b>			



Sl. No.	Name of the Project/purpose	Extent diverted	Govt. Reference No & date	Lease period years	Remarks
<b>ASIFABAD DIVISION:-</b>					
33	Goleti No.1 Incline to CHP approach road.	6.50	8-89/84 FRY(C), dt.25.07.1985.	Not mentioned	
34	Goleti No.1 Incline.	9.00	8-104/90-FC, dt.16.12.1994.	Not mentioned	
35	Goleti No.2 Incline.	12.50	8-89/91-FC, dt.23.02.1996	Not mentioned	
36	Khairaguda UG	29.85	8-28/94-FC, dt.28.09.2000.	Not mentioned	
37	Khairaguda OCP.	140.30	8-102/2000-FC, dt.10.09.2003	Not mentioned	
38	Goleti 1A Incline.	4.56	F(C)A/11.2/105/AP/MIN, dt.10.06.2004.	Not mentioned	
39	Khairaguda OCP Expansion project	126.71	8-28/94-FC, dt.01.07.2011	20 years co-terminus with ML	
	<b>Sub total (f)</b>	<b>329.42</b>			
<b>BELLAMPALLI DIVISION:-</b>					
40	Bellampalli OCP (MVK 6 Incl.)	33.45	8-380/84-FC, dt.31.05.1989.	Not mentioned	
41	Bellampalli OC-II.	32.70	8-11/96-FC, dt.26.12.1997.	Not mentioned	
42	BPA OC-II Block "C"	28.62	F(C)A/16.1/74/ AP/MIN, dt.06.07.2006.	Not mentioned	
43	Shaft sinking SK long wall project.	4.88	8-87/2001-FC, dt.14.07.2008	20 years co-terminus with ML	
44	BPA OC-II Extension Block "B & D"	108.78	8-21/2009-FC, dt.04.09.2014	30 years co-terminus with ML	
	<b>Sub total (g)</b>	<b>208.43</b>			
	<b>Grand total (a-g)</b>	<b>5585.33</b>			

Sl. No.	Name of the Project/purpose	Extent diverted	Govt. Reference No & date	Lease period years	Remarks
<b>BEFORE F(C)ACT:</b>					
<b>YELLANDU DIVISION:-</b>					
45	Polampalli Mine.(YD)	5.54	--	--	Handed over on 07.09.1970 on a plan.
46	Polampalli Mine.(YD)	13.44	--	--	
	<b>Sub total (a)</b>	<b>18.98</b>			
<b>MANUGURU DIVISION:-</b>					
47	Colony.(MNG)	162.00		--	
	<b>Sub total (b)</b>	<b>162.00</b>			
<b>MANCHERIAL DIVISION:-</b>					
48	For mines, CCC Plant and Colony. (SRP)	940.09	CCF letter No. 40529/74.G2, dt.29.01.1975.	--	
49	CCC, Magazine at MK-4, etc. (SRP)	215.69	G.O. No. 416, dt.13.06.1978.	--	
	MK Magazine (MM)	7.28			
	<b>Sub-total (c)</b>	<b>1163.06</b>		--	
<b>ASIFABAD DIVISION:-</b>					
50	Goleti OC (BPA)	37.25	G.O. No. 180, dt.16.04.1982.	--	
	<b>Sub total (e)</b>	<b>37.25</b>			
<b>BELLAMPALLI DIVISION:-</b>					
51	Madaram Colony (BPA)	137.60	G.O.No.417, dt.13.06.1978.	--	
52	MVK Mines (BPA)	44.40	--	--	
53	Approach road to mines, colony and transmission lines. (BPA)	33.93	--	--	
	<b>Sub total (d)</b>	<b>215.93</b>			
	<b>Grand total (a-e)</b>	<b>1597.22</b>			

Division wise Forest Land held by SCCL

Sl. No.	Name of the forest division	Under F.C. Act. in Ha.	Prior to FC Act. in Ha.	Grand total in Ha.
1.	Kothagudem	1154.71	0	1154.71
2.	Yellandu	0	18.98	18.98
3.	Manuguru	1996.19	162.00	2158.19
4.	Sathupalli	1156.72	0	1156.72
5.	Peddapalli	394.42	0	394.42
6.	Mancherial	345.44	1163.06	1508.50
7.	Asifabad	329.42	37.25	366.67
8.	Bellampalli	208.43	215.93	424.36
		5585.33	1597.22	7182.55

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**General Manager**  
The Singareni Collieries Co. Ltd  
MANDAMARRI  
P.O. KALYANI KHANI (S.R. 23)  
Dist. Adilabad, (A.P.)



F. No. 8-87/2001-FC  
Government of India  
Ministry of Environment and Forests  
(F.C. Division)

Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110003.  
Dated: 14<sup>th</sup> July, 2008.

To

✓ The Special Secretary to Government,  
Environment, Forests, Science & Technology Deptt.,  
A.P. Secretariat,  
Hyderabad.

Sub: Diversion of 4.88 ha of forest land for Shaft Sinking of Shantikhani Long Wall Project in favour of Singareni Collieries Company Limited (SCCL) in Bellampally Forest Division, Andhra Pradesh.

Sir,

I am directed to refer to the State Government's letter No. 8803/For.I(1)/2001-1 dated 26.09.2001 on the subject mentioned above seeking prior approval of the Central Government under the Forest (Conservation) Act, 1980. After careful consideration of the proposal by the Forest Advisory Committee constituted under Section-3 of the said Act, in-principle approval for the said Shaft Sinking of Shanti Khani Long Wall Project was granted vide this Ministry's letter of even number dated 18.07.2006 subject to fulfilment of certain conditions. The State Government has furnished compliance report in respect of the conditions stipulated in the in-principle approval and has requested the Central Government to grant final approval.

In this connection, I am directed to say that on the basis of the compliance report furnished by the State Government vide letter 9766/FOR.I(1)/2005-4 dated 03.05.2008, approval of the Central Government is hereby granted under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 4.88 ha of forest land for Shaft Sinking of Shantikhani Long Wall Project in favour of Singareni Collieries Company Limited (SCCL) in Bellampally Forest Division, Andhra Pradesh subject to fulfilment of the following conditions:

1. Legal status of the diverted forest land shall remain unchanged.
2. (i) Compensatory Afforestation shall be raised and maintained by the State Forest Department at the project cost.  
(ii) Fencing, protection and regeneration of the safety zone area (7.5 metres strip all along the outer boundary of the mining lease area) shall be done at the project cost. Besides this, afforestation on

18-7-08

18/7/08

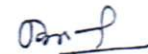
18/7/08

- degraded forest land, to be selected elsewhere, measuring one and a half times the area under safety zone, shall also be done at the project cost.
- (iii) Wherever possible and technically feasible, the User Agency shall undertake afforestation measures in the blanks within the lease area, as well as along the roads outside the lease area diverted under this approval, in consultation with the State Forest Department at the project cost. The User Agency shall take up Afforestation and soil moisture conservations works inside the forest area in 100 m. radius from the permitted lease area in consultation with the forest department.
3. Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.
4. Following activities shall be undertaken by the State Forest Department at the project cost:
- (i) Proper mitigation measures to minimize soil erosion and choking of streams shall be prepared.
  - (ii) Planting up of all vacant land and dumps with suitable species to arrest soil erosion and its protection.
  - (iii) Construction of a series of check dams and toe walls along the contour on the hill slopes to avoid rolling down of the excavated material.
5. The period of diversion under this approval shall be twenty (20) years subject to possession of valid lease by the User Agency under the MMDR Act, 1957.
6. (i) The User Agency shall take up planting work on the static dumps during the advance mining operations.  
(ii) All the dumps shall be fully reclaimed by afforestation immediately after closure of the mine in the shortest possible period under supervision of the State Forest Department.
7. Any tree felling shall be done only when it is absolutely necessary and unavoidable, and that too under strict supervision of the State Forest Department.
8. No damage to the flora and fauna of the area shall be caused.
9. Reclamation Plan shall be strictly implemented which shall be monitored regularly by the State Forest Department.
- 22



10. It shall be ensured that no labour-camps are set up inside the forest area.
11. The mining lease area shall be demarcated on ground at the project cost, using four feet high RCC pillars, with each pillar inscribed with the serial number, forward and backward bearings and distance between two adjacent pillars.
12. The forest land shall not be used for any purpose other than that specified in the proposal.
13. Any other condition that the CCF (Central), Regional Office, Bangalore, may impose from time to time for protection and improvement of flora and fauna in the forest area, shall also be applicable.

Yours faithfully,




(B.K. Singh)

Sr. Assistant Inspector General of Forests

Copy to:

1. Principal Chief Conservator of Forests, Andhra Pradesh, Hyderabad.
2. Nodal Officer, Office of the PCCF, Andhra Pradesh, Hyderabad.
3. Chief Conservator of Forests (Central), Regional Office, Bangalore.
4. User Agency.
5. RO(HQ), MoEF, New Delhi.
6. Monitoring Cell, FC Division, MoEF, New Delhi.
7. Guard File.



(B.K. Singh)

Sr. Assistant Inspector General of Forests



**General Manager**

The Singareni Collieries Co. Ltd.

MANDAMARRI

P.O. KALYANI KHANI-504 23.

Dist. Adilabad (A.P.)

No. J-11015/97/2004-IA II (M)  
Government of India  
Ministry of Environment and Forests

Paryavaran Bhavan  
C.G.O. Complex,  
Lodi Road, New Delhi-110 003

Date the 24<sup>th</sup> January 2006.

To,

Director (Planning & Project)  
M/s Singareni Collieries Company Ltd.,  
Kothagudem Collieries-P.O.  
Khammam District-507101  
Andhra Pradesh

Subject: Shantikhani longwall underground coal mining project M/s Singareni Coalfields Limited located in Village Akenipalli, Tehsil (Mandal) Bellampalli, District Adilabad in Andhra Pradesh- environmental clearance regarding

Sir,

This has reference Ministry of Coal letter No. 43011/8/2004-CPAM dated 21.12.2004 and your letter No. CRP/PP/A/487/90 dated 22.02.2005 and subsequent letters dated 26.04.2005, 27.05.2005, 22.08.2005 and 25.10.2005 on the subject mentioned above. It has been noted that the proposal is for enhancement of the production capacity of the mine from 0.08 MTPA to 1.167 MTPA and increase in lease area from 211.441 ha to 681.23 ha. The mine was initially opened on 19.12.1954. Total mining lease area of the project is 681.23 ha. out of which 118.20 ha is an agricultural land, 484.94 ha is forestland, 30.0 ha is grazing land and 48.09 ha wasteland. Forestry clearance for diversion of 285.89 ha of forestland obtained on 22.08.2004. Area proposed for mining is 681.23 ha. An area of 7.07 ha is required for setting up surface infrastructure such as office, workshop, approach road etc. out of which 2.16 ha of land is already under the possession of SCCL and falls outside the mining lease area and remaining 4.91 ha land falls within the mine take area. No ecologically sensitive area such as national park/sanctuary/biosphere reserve etc. reported within 10 km radius of the project. Working is carried out underground by mechanized method. Maximum depth of mining reported as 596.31 meters. The envisaged rated capacity of the mine is 1.167 MTPA. There is no population in the core zone therefore no R&R and displacement of population is involved. Water table is in the range of 1.2 m-2.5 m bgl (pre- monsoon) to 0.2 m-11.4 m bgl (post-monsoon). Working will intersect ground water table and the average mine discharge is 5220 m<sup>3</sup>/day. Average water requirement is 550 m<sup>3</sup>/day which will be met from mine discharge water. A total of 25000 m<sup>3</sup> of OB will be generated throughout the mine life which will be used for filling low lying areas. NOC from the State Pollution Control Board obtained on 17.11.2004 for production capacity of 1.167 MTPA involving 7.07 ha land for the project on surface and 681 ha mine take area. Public hearing held on 31.07.2004. Department of Coal, Government of India approved mining plan on 30.11.1999. Capital cost of the project is Rs.30784 lakhs.

2. The Ministry of Environment & Forests hereby accords environmental clearance to the above mentioned underground coal mining project M/s Singareni Coalfields

...2/-



Limited for annual production capacity of 1.167 million tones of coal involving total mining lease area of 681.23 ha under the provisions of the EIA Notification 1994 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following conditions/safeguards.

#### A. Specific Conditions

- (i) The environmental clearance is subject to approval of the State Landuse Department, Government of Andhra Pradesh for diversion of agricultural land for non-agricultural use.
- (ii) The environmental clearance is subject to grant of forestry clearance for diversion of forestland.
- (iii) Regular monitoring of subsidence movement on the surface over working area and impact on water bodies/vegetation/structures/surrounding should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey soil/suitable material.
- (iv) The project authorities should check the possibility of existence of fault(s) before deciding about the thickness of safe barrier required to be maintained between the working face and the water body in consultation with the Director General Mines & Safety (DGMS). De-pillaring should also be carried out after taking prior approval of the DGMS.
- (v) Study report on subsidence and stage wise development plan starting from 5th year of operation till the end of the mine at an interval of 5 years should be submitted to the Ministry within six months.
- (vi) Top soil should be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of area.
- (vii) All the mine entries should be above the highest flood level to avoid any anticipated flooding of mine from surface water during rainy season.
- (viii) In areas where subsidence is anticipated in shallow coal occurrence, such areas be identified and provided with garland drains to ensure draining of water and avoid ingress of the same in to the UG mine.
- (ix) Green belt should be raised in an area of 4.36 ha by planting the native species around the ML area, Coal Handling Plant, roads etc. in consultation with the local DFO/Agriculture Department. The density of the trees should be around 1500 plants per ha.
- (x) The project authorities should meet the water requirement of nearby village(s) in case the village wells go dry due to de-watering of the mine.



- (xi) The project authority should implement suitable water conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- (xii) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year - pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MOEF, Central Ground Water Authority and Regional Director Central Ground Water Board.
- (xiii) Permission from the competent authority should be obtained for drawal of water for drinking/domestic use.
- (xiv) Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.
- (xv) Coal handling plant should be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
- (xvi) Sewage treatment plant should be installed for the colony. ETP should also be provided for wastewater from workshop and CHP.
- (xvii) Consent to operate should be obtained from SPCB before starting enhanced production from the mine.
- (xviii) Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to MOEF and its Regional Office.
- (xix) Vehicular emissions should be kept under control and regularly monitored. Overloading of trucks be avoided to stop spillage. The loaded trucks be covered with tarpaulin sheets to prevent spillage of coal.
- (xx) A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.

**B. General conditions**

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.
- (ii) No change in the calendar plan including excavation, quantum of mineral coal and waste should be made.
- (iii) Conservation measures for protection of flora and fauna in the core & buffer zone should be drawn up in consultation with the local forest department and experts.



- (iv) Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, Nox & CO monitoring. Location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.

Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, Nox & CO) should be regularly submitted to the Ministry including its Regional office at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.

- (v) Fugitive dust emissions from all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangement on haul roads, loading & unloading points should be provided and properly maintained.
- (vi) Drills should either be operated with dust extractors or should be equipped with water injection system.
- (vii) Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operation of HEMM, etc should be provided with ear plugs/muffs.
- (viii) Measures for safety should be provided for storage, handling and use of explosives during the project period.
- (ix) Acid mine water, if any, has to be treated and disposed of after conforming to the standard prescribed by the competent authority.
- (x) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
- (xi) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

- (xii) A separate environmental management cell with suitable qualified persons should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (xiii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.

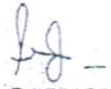


- (xiv) The Regional Office of this Ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- (xv) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.
- (xvi) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.
- (xvii) The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bangalore.

The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

5. The above conditions will be enforced *inter-alia*, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
(SATISH C. GARKOTI)  
Additional Director (S)


Copy to:

- (i) Secretary, Ministry of Coal, Government of India, Shastri Bhawan, New Delhi.
- (ii) Secretary, Department of Mines & Geology, Government of Andhra Pradesh, Secretariat, Hyderabad.
- (iii) Secretary, Department of Environment, Government of Andhra Pradesh, Secretariat, Hyderabad.
- (iv) Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wings, 17<sup>th</sup> Main Road, I Block, Koranmangala Bangalore-560 034

..6/-



- (v) Chairman, Central Pollution Control Board, Parivash Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- (vi) Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- (vii) Chairman, Andhra Pradesh State Pollution Control Board, 2<sup>nd</sup> Floor, HUDA Complex, Maltrivaram, S. R. Nagar, Amarpet, Opp. Sarathi Studio, Hyderabad - 500038.
- (viii) Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
- (ix) District Collector, Adilabad District, Andhra Pradesh.
- (x) EI Division, Ministry of Environment and Forests, Paryavaran Bhavan, C. G. O Complex, Lodi Road, New Delhi-110 003.
- (xi) Monitoring File.
- (xii) Guard File.
- (xiii) Record File.

  
**General Manager**  
The Singareni Collieries Co. Ltd  
MANDAMARRI  
P.O. KALYANI KHANI-504 231  
Dist. Adilabad.(A.P)

FLAG-C  
Annexure - X**The Singareni Collieries Company Limited**

Secretarial Department

Ref. No: CRP/CS/54/ 096

Date: 19.1.2004.


GM (PP)

The extract of Minute No.460.28 of Board of Directors meeting held on 29.12.2003 at Hyderabad is furnished below:

**Sub: Feasibility Report of Shantikhani Longwall project.**

- 28.1. The Board considered the note placed before it.
- 28.2. The Board noted that the Technical Committee in its meeting held on 13.10.2003 recommended the FR for approval subject to ensuring minimum guaranteed performance of 75% from longwall equipment on risk/ gain sharing basis or otherwise for viability of the project.
- 28.3. After deliberation, the Board recommended the F.R of Shantikhani Longwall Project with a capital outlay of Rs.307.84 crores for a rated capacity of 1.167 MTs per annum to Govt. of India for sanction.

Action taken on the above minute may be intimated to the undersigned at the earliest in strict compliance with the guidelines issued by the C&MD vide circular No.CRP/CS/58/200, dt.22.3.2002, to apprise the same to the Board in the next meeting.

  
Company Secretary

Copy to  
GM (CP&P)  
GM (F&A)

CRP PP	
W.D.Ds	177
Date	20/1/04

  
**General Manager**

The Singareni Collieries Co. Ltd

MANDAMARRI

P.O. KALYANI KHANI-504 231

Dist. Adilabad.(A.P)





**THE SINGARENI COLLIERIES COMPANY LIMITED**  
(A Government Company)  
Mandamarri Area

**STATEMENT SHOWING THE DETAILS OF MINERAL EXTRACTED DURING LAST 10 YEARS PERIOD AND REVENUE REALISED**

S.No	Year	Coal extracted (T)	Revenue realized ( In Lakhs)
1	2007-08	48190	550
2	2008-09	50839	786
3	2009-10	14000	224
4	2010-11	42000	342
5	2011-12	68187	1217
6	2012-13	64000	586
7	2013-14	62794	568
8	2014-15	84821	965
9	2015-16	92519	1400
TOTAL		527350	6638

Dy. General Manager (Survey)  
Mandamarri Area

  
 General Manager,  
 Mandamarri Area.  
**General Manager**  
 The Singareni Collieries Co. Ltd  
**MANDAMARRI**  
 P.O. KALYANI KHANI-504 231.  
 Dist. Adilabad, (A.P)