



THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
RAMAGUNDAM AREA-III

Ref:RG3/EST/FL/104-C/259

Date:01-07-2023

To,
The Prl. Chief Conservator of Forests & Nodal Officer (FC),
Aranya Bhavan, Saifabad,
Hyderabad.

Sir,

Sub: Diversion of 412.40 Ha of forest land for underground mining of which 247 Ha for surface use for GDK.9, 10 & 10A inclines in Ramagundam-II and Opencast – Project-I expansion in favour of SCCL – Submission of report on Compliance of conditions stipulated in FC order, as on 31.03.2023– Reg.

Ref:-1. Prl.CCF, Hyderabad Letter No.7087/2005/F1, dated.15-02-2005
2. MoEF, GoI, letter No.8-109/2005-FC, dated.13-4-2006
3. MoEF, GoI, letter No.8-109/2005-FC, dated. 02-5-2008
4. G.O.Ms.No.74 EFS&T (For-I) Dept., dated.18-6-2008

Kind attention is invited to the reference 3rd cited wherein final approval was accorded for diversion 412.40 Ha of forest land for underground mining of which 247 Ha for surface use for GDK.9, 10 & 10A inclines in Ramagundam-II and Opencast – Project-I Expansion project in favour of SCCL. The condition wise annual compliance report as on 31.03.2023 is submitted as follows:

Condition No.1: *Legal status of forest land shall remain unchanged.*

Compliance: Legal status will remain unchanged

Condition No.2: *(a) Compensatory Afforestation shall be raised and maintained by the State Forest Department at the project cost.*

Compliance: The SCCL has handed over Non-Forest land to the Forest Department on 31.01.2001 and land was mutated by the Mandal Revenue Officer, vide reference RC/B/2886/03, dated 25.04.2006 and land was free from encumbrances The certificates are enclosed herewith. Details of CA Land handed over and CA charges paid are detailed below:

Sl. No	Forest Division where CA land was handed over	Non Forest land handed over in Ha	CA Charges paid Rs. in lakhs
1	Srikakulam	184.38	96.797
2	Badhrachalam (North)	<u>62.62</u>	<u>49.500</u>
	Total	247	146.297

NPV payment details:

1. 247.00 Ha. (Surface use) Rs.1729.00 lakhs (100%)
2. 165.40 (Underground) Rs.578.90 lakhs (50%)

SCCL requested Chief Conservator of Forests, Vishakapatnam circle to provide details about the CA plantation status vide letter ref. no: ADF/SCCL/HYD-J-10, dated 08.06.2023.

(b) Fencing, protection and regeneration of the safety zone area (100 meters strip all along the outer boundary of the mining lease area as recommended by the State Government) shall be done at the project cost. Besides this, afforestation on 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.

Compliance: The SCCL has deposited Rs.1.68 lakhs with the Divisional Forest Officer, Karimnagar (E), towards safety zone charges, and Rs.2.52 lakhs towards 1½ times safety zone charges vide DD No.436251 dated 29.08.2007. Regarding 100 Mts. strip all along the outer boundary, the entire land around the boundary is Non-forest land. Plantation was carried out in 100 meters strip all along the outer boundary of the mining lease area

(c) 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 under this approval, in consultation with the State Forest Department at the project cost.

Compliance: Out of 412.4 Ha diverted, area of 247.00 Ha was for surface use and the balance 165.40 Ha was for underground purpose. Subsequently, out of 165.40 Ha., 147.42 Ha. was diverted for surface use vide MoEF Lr.No.8-109/2005-FC, dt.1.8.2013. In the area diverted for surface use, plantations cannot be taken up as the area was for mining purpose. In the balance 17.98 Ha (165.40–147.42 Ha.) area in gaps 16,890 plants were planted during 2012 and also 55 Kms of the Avenue plantation all along the roads of outside the lease area was taken up so far.

(d) The non-forest land identified for raising Compensatory Afforestation shall be notified by the State Government as RF under Section-4 or PF under Section-29 of the Indian Forest Act, 1927 or under the relevant Section(s) of the local Forest Act, as the case may be, within a period of six months. The Nodal Officer (Forest Conservation) shall report compliance in this regard.

Compliance: As this information pertains to State Forest Department. It is requested to kindly obtain these details from the respective Field Officer.

Condition No.3: Following activities shall be undertaken by the User Agency at the Project cost:

- (i) Proper mitigative measures to minimize soil erosion and choking of streams shall be prepared and implemented.*

Compliance: Proper technical measures were planned and accordingly 11 KMs of Garland drains with 3 meter width and 2.50 mts height was constructed all along

the RG OC-I mine and also 10 Nos. of siltation ponds were constructed for settling the silt in the ponds before letting out in to the normal course of the water. 4 check dams and 8 gully plugs were constructed. Proper mitigative measures were taken by providing garland&deck drains of 18.20 Kms all along the OB dump decks for minimizing the soil erosion and by providing proper drainage system. Proper steps were taken by providing settling ponds for avoiding choking of streams.

(ii) Planting of adequate drought hardy plant species and sowing of seeds to arrest Soil erosion.

Compliance: In 202.8 Ha area plantation was completed in RG.OC-I after spreading up of the top soil on the OB, also seeds were sown on slopes of the dumps to arrest the soil erosion. Babool, Neem, Casiasiamia, Bamboo, Pongaamia, Tamarind, usiri, ficus, Hemata grass species of plants planted.

YEAR	OB	OB BACK FILL	BLOCK	TOTAL(Ha)
old	12	0	11.33	23.33
2010		0	16	16
2011		0	13	13
2012		0	10	10
2013	0	0	27	27
2014	7.5	0	3.97	11.47
2015	6.5	0	1.5	8
2016	12.68	0	2.32	15
2017	5	2	0	7
2018	15	0	0	15
2019	27	0	0	27
2020	12	0		12
2021	8	6	4	18
2022	17	3		20
TOTAL	122.68	11	89.12	222.8

(iii) Construction of check dams, retention / toe walls to arrest sliding down of the excavated earth.

Compliance: Garland drain was provided around the mine to a length of 11.00 Kms. Further. Around top soil dump also garland drain was provided to a length of 2.5 KMs. Rock toe wall constructed around the dump to a length of 3.4 KMs, and 10 number of settling ponds were also constructed.

(iv) The areas shall be reclaimed keeping in view the international practice of stabilizing the dumps by grading/ benching so that angles of repose (normally less than 28 at any given place) are maintained.

Compliance: Angle of dump slop is maintained at 28 degrees and also reclamation is being done in phased manner with each deck of 25 mtr height as per approved EMP. As on date 314.55 Ha land was reclaimed.

(v) *The top soil management plan should be strictly adhered to.*

Compliance: The top soil Management plan of RG OCP-I

1	Total Topsoil	:	7.210 Million Cum
2	Topsoil removed so far	:	3.730 M.Cu.m.
3	Topsoil stored in temporary stockyard	:	0.000 M.Cu.M
4	Topsoil spread on Dumps	:	3.730 M.Cu.m

Condition No.4: *The forest land shall not be used for any purpose other than that specified in the proposal.*

Compliance: The forest land is being used for the purpose for which land was diverted.

Condition No.5: *The approval under the Forest (Conservation) Act, 1980 is subject to the environmental clearance under the Environmental Protection Act 1986.*

Compliance: The SCCL has obtained the Environmental Clearances for all the projects. Details of E.Cs obtained are as ,OC-1. EC 23A042TG157307, dated 16.01.2023, Lr.No.J-11015/534/2007-IA.II(M), dt 31-7-2008 GDK.10 Lr.No.J -11015/14/86-IA, dt 9-7-1986, GDK.10A-Lr. No. J-11015/25/83-EN5&J-11015/7/84.EN.5, dt 11-7-1985. Adrialala SB. Lr.No. J-11016/24/2004-IA.II (M), dt 11-10-2004.

Condition No.6: *The user agency will make arrangement for free supply of coal to laborers and staff working on the project site so as to avoid any pressure on the adjacent forest areas.*

Compliance: SCCL is supplying LPG to all its employees at free of cost.

Condition No.7: *The period of permission for lease under the Forest (Conservation) Act, 1980 will be for 20 years subject to possession of valid lease by User Agency under the MMDR Act, 1957.*

Compliance: Yes, the leased period is 20 years, granted in favor of SCCL under M&M (D&R) Act, 1957 the diverted area is covered in South Godavari Mining Lease which is valid up to 31.12.2034 and Pandulapalli Mining Lease was obtained which is valid up to the year 2041.

Condition No.8: *Demarcation of mining lease area will be done on the ground at project cost using four feet high reinforced cement concrete pillars with serial numbers, forward & back bearings and distance from pillar to pillar.*

Compliance: Diverted area is demarcated on the ground and constructed 44 pillars, at every corner points along the diverted lease area with serial numbers and further, 40 pillars were constructed at the boundary of 247.00 ha surface diversion and 165.40 Ha. for Underground rights out of 412.40 Ha. diversion.

Pillar No. Stn. No	Latitude	Longitude	Forward bearing	Back bearing	Distance to next pillar in mtrs.
		A			
A6	18.63759	79.58486	303-53-51		78.94
B6A	18.63799	79.58424	308-24-57	123-53-51	90-41
B6B	18.6385	79.58357	310-11-06	128-24-57	182-71
B6C	18.63957	79.58225	311-03-12	130-11-06	93-96
B6D	18.64013	79.58158	35-34-34	131-03-12	178-59
B6E	18.64144	79.58257	36-16-57	215-34-34	151-13
B6F	18.64254	79.58342	323-15-18	216-16-57	185-90
B6G	18.64389	79.58237	324-27-28	143-15-18	233-27
B6H	18.64561	79.58109	23-12-23	144-27-28	183-20
B6I	18.64713	79.58178	13-12-40	203-12-23	77-33
B6J	18.64781	79.58195	333-44-37	193-12-40	187-18
B6K	18.64933	79.58117	323-11-56	153-44-37	93-71
B6L	18.65001	79.58064	318-29-10	143-11-56	170-86
B13	18.65117	79.57957	59-50-44	138-29-10	356-59
B12	18.65278	79.5825	186-10-21	239-50-44	209-25
39	18.6509	79.58228	117-46-41	06-10-21	193-40
38	18.65008	79.5839	158-30-53	297-46-41	279-74
37	18.64773	79.58292	113-16-26	338-30-53	233-34
36	18.64689	79.58495	200-38-16	293-16-26	281-68
35	18.64451	79.58400	174-51-18	20-38-16	134-35
34	18.64330	79.58411	121-02-24	354-51-18	213-33
34A	18.64230	79.58584	101-12-45	301-02-24	55-94
33	18.64220	79.58636	192-20-46	281-12-45	101-99
32	18.64130	79.58615	89-48-24	12-20-46	27-42
31	18.64130	79.58641	196-46-13	269-48-24	260-21
30	18.63905	79.58569	114-49-40	16-46-13	264-15
29	18.63804	79.58796	199-48-43	294-49-40	169-54
28	18.63660	79.58741	290-52-54	19-48-43	276-86
27	18.6375	79.58496	313-09-42	110-52-54	14-50
A6	18.63759	79.58486		133-09-42	
		B			
P10	18.66273	79.56768	70-00-17		225-24
P10A	18.66342	79.56969	153-21-14	250-00-17	390-45
P10B	18.66026	79.57134	77-35-07	333-21-14	198-50
P10C	18.66064	79.57318	193-04-29	257-35-07	211-39
10D	18.65878	79.57272	193-03-42	13-04-29	96-60
B20	18.65793	79.57251	223-42-29	13-03-42	161-18
B19	18.65688	79.57145	135-12-55	43-42-29	90-10
B18	18.65630	79.57205	225-21-06	315-12-55-	342-71
B17	18.65413	79.56973	265-06-44	45-21-06	337-47
B17A	18.65388	79.56654	246-49-06	85-06-44	203-88
17B	18.65316	79.56476	28-40-12	66-49-06	242-50
10AF	18.65508	79.56587	23-12-40	208-40-12	576-13

10Z	18.65986	79.56804	81-47-46	203-12-40	158-64
10Y	18.66006	79.56953	351-34-28	261-47-46	264-90
10X	18.66243	79.56917	281-44-27	171-34-28	160-56
P10	18.66273	79.56768		101-44-27	

412.40Ha. FOREST LAND (165.40 Ha.)

Pillar No. Stn. No	Latitude	Longitude	Forward bearing	Back bearing	Distance to next pillar in mtrs.
		C			
P22	18.67597	79.56670	45-29-06		405-26
P21	18.67853	79.56945	106-48-21	225-29-06	454-16
P21A	18.67733	79.57357	93-46-33	286-48-21	351-89
20	18.67711	79.57690	17-11-50	273-46-33	81-14
19	18.67781	79.57713	96-03-21	197-11-50	294-82
18	18.67752	79.57991	95-20-12	276-03-21	574-05
17	18.67702	79.58533	217-34-34	275-20-12	538-75
16	18.67317	79.58220	219-18-49	37-34-34	488-88
15	18.66976	79.57925	218-10-18	39-18-49	83-24
14A	18.66917	79.57876	329-51-58	38-10-18	508-28
14X	18.67289	79.57593	289-06-31	149-51-58	1030-97
P22	18.67597	79.56670		109-06-31	

412.40 Ha. FOREST LAND (247 Ha.)

Pillar No. Stn. No	Latitude	Longitude	Forward bearing	Back bearing	Distance to next pillar in mtrs.
		1			
P1	18.67786	79.55323	125-22-30		622.01
P2	18.67459	79.55803	121-34-13	305-22-30	269.04
P3	18.67331	79.5602	57-06-11	301-34-13	206.74
P4	18.67432	79.56185	95-39-03	237-06-11	369.84
P5	18.67398	79.56534	169-50-37	275-39-03	895.14
P6	18.66601	79.56681	258-22-27	349-50-37	301.18
P7	18.66547	79.56401	138-55-31	78-22-27	223.87
P8	18.66394	79.5654	93-23-23	318-55-31	248.24
P9	18.6638	79.56775	183-22-52	273-23-23	118.59
P10	18.66273	79.56768	70-00-17	03-22-52	225.24
P10A	18.66342	79.56969	153-21-14	250-00-17	390.45
P10B	18.66026	79.57134	77-35-07	333-21-14	198.50
P10C	18.66064	79.57318	16-23-49	257-35-07	147.74
10E	18.66192	79.57358	61-23-23-	196-23-49	113.88
F3	18.66241	79.57453	27-01-05	241-23-23	205.23
P12	18.66406	79.57542	27-16-42	207-01-05	438.85
P13	18.66758	79.57734	39-32-58	207-16-42	135.22

P14	18.66852	79.57816	41-08-57	219-32-58	95.77
14A	18.66917	79.57876	329-51-58	221-08-57	508.28
14X	18.67289	79.57593	289-06-31	149-51-58	1030.97
P22	18.67597	79.56670	285-35-18	109-06-31	85.45
P23	18.67618	79.56592	320-51-51	105-35-18	430.98
P24	18.67921	79.56335	247-31-15	140-51-51	443.21
P25	18.67769	79.55946	271-27-24	67-31-15	657.04
P1	18.67786	79.55323		91-27-24	
		2			
B20	18.65793	79.57251	170-31-53		196-15
B3	18.65618	79.57281	63-41-50	350-31-53	286-50
B4	18.65732	79.57525	94-54-09	243-41-50	274-15
B5	18.6571	79.57784	209-15-04	274-54-09	227-37
B6	18.65531	79.57678	234-13-58	29-15-04	85-56
B7	18.65486	79.57612	115-39-34	54-13-58	352-65
B8	18.65347	79.57913	139-00-24	295-39-34	77-45
B9	18.65294	79.57961	88-45-15	319-00-24	60-11
B10	18.65295	79.58018	90-03-55	268-45-15	246-72
B11	18.65294	79.58252	186-38-04	270-03-55	11-82
B12	18.65275	79.58251	239-50-44	06-38-04	356-59
B13	18.65117	79.57957	312-40-27	59-50-44	224-40
B14	18.65255	79.57801	299-12-08	132-40-27	180-31
B15	18.65335	79.57652	278-34-14	119-12-08	341-38
B16	18.65382	79.57332	274-59-17	98-34-14	380-06
B17	18.65413	79.56973	45-21-06	94-59-17	342-71
B18	18.65630	79.57205	315-12-55	225-21-06	90.10
B19	18.65688	79.57145	43-42-29	135-12-55	161-18
B20	18.65793	79.57251		223-42-29	

Note: -Out of total 84 Pillars which were constructed all along the boundary of 412.40 Ha. Including 247.00 surface diversions and 165.40 Ha. Underground rights 75 pillars were under gone in OC Quarry operations & external OB Dumps and 11 pillars are exiting as on date on the ground. The diversion of 247 Ha Forest land including the outer boundary land is falling middle of OCP mining operations due to which the pillars have gone into excavation area.

Condition No.9: Mining/reclamation schedule shall be implemented by the user agency at their cost as per Environmental Management Plan/ phased programme.

Compliance: Reclamation schedule is being implemented as per the approved EMP in phased manner.

Total area of Mining Lease / Mine Area required under CBA act, 1957	Total Forest Area (Ha) of the ML approved under the FC act	Total broken area so far (Ha)		Area Mined out completely		Total area to be reclaimed as per PMCP (Ha)		Total area actually reclaimed as per PMCP (Ha)	
		FL	NFL	FL	NFL	Technically	Biologically	Technically	Biologically
923.88 Ha	15.64 Ha	11.55	351.59	239.87		314.55	314.55	242.80 Ha	222.80 Ha

***Condition No.10:** 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, wherever the forest density is less than 0.4, gap plantation should be taken up.*

Compliance: The 100 Mts. strip of 412.40 Ha of the entire land boundary is Non-forest land acquired by SCCL and there is no forest land beyond the diverted land further, the total 412.40 Ha Forest land including the outer boundary land is falling middle of OCP mining operations. Safety zone is 7.5 Meter inside ML garland drains and plantation was done.

***Condition No.11:** The user agency shall also take up study on soil erosion/ soil flow from the over-burden areas with the help of GIS in consultation with the Forest Department.*

Compliance: Study is under process by Greencindia Consulting Private Limited vide Work Order Number: 7600009189 and the study period is from 08.08.2022 to 10.08.2025.

***Condition No.12:** The user agency shall take up the de-silting of the village tanks within five km. area from the mine lease boundary as a corporate social responsibility so as to mitigate the impact of siltation of such tanks, if any.*

Compliance: In nearby Jallipalli (V) tank about 2.15 L Cu.Mtr Qty of de-silting carried with the expenditure of amount Rs. 3.40 Cr. Further the Telangana State Government is de-silting the village tanks in the Mission Kakatiya Programme. However the Company will take up de-siltation of nearby villages as per request of the villagers.


***Condition No.13:** In case of underground mining, the user agency shall take up plantation over the surface area wherever the forest density is less than 0.4. Gap planting should be taken up in the areas where density is between 0.4 and 0.7. The user agency will protect the area till the life of the underground mining in consultation with Forest Department.*

Compliance: Out of 412.40 Ha 394.42 Ha (247.00+147.42) surface area was diverted, In the area diverted for surface use plantations cannot be taken up as the area was for mining use. In the balance area of 17.98 (17.994) Ha 16,890 plants were planted during 2012. Plantation was taken up in UG Area including on the surface of UG area.

Condition No.14: Any other condition that the State Government or the Chief Conservator of Forests (Central), Regional Office, Bangalore may impose from time to time in the interest of conservation, protection or development of forests.

Compliance: Any other conditions imposed by Forest Department will be complied with.

Yours faithfully,


General Manager
Ramagundam Area-III


Copy to:

The Regional Officer, Integrated Regional Office, Government of India, Ministry of Environment, Forest & CC, 3rd Floor, Aranya Bhavan, Hyderabad-500 004, for favor of information

The Conservator of Forest, Karimnagar Circle, Kaleshwaram Circle, Nirmal, for favor of information and with a request to submit this report along with his remarks to the Principal Chief Conservator of Forests & Nodal Officer (FC), TS, for favor of information.

The District Forest Officer, Peddapalli, for favor of information and with a request to submit this report along with his remarks to the Principal Chief Conservator of Forests & Nodal Officer (FC), TS, for favor of information.

Yours faithfully,


General Manager
Ramagundam Area-III



**THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVT. COMPANY)
RAMAGUNDAM AREA-III**

Ref:RG3/EST/FL/104-D/265

Date.14-07-2023

To,
The Prl. Chief Conservator of Forests,
(Head of Forest Force),
Aranya Bhavan, Saifabad,
Telangana State, Hyderabad.

Sir/Madam,

Sub:- Diversion of 147.42 Ha. of forest land for RG OC-II Expansion Project
of RG-III Area in favour of M/s S.C.Co.Ltd – Submission of compliance
of conditions – Reg.

Ref: - 1. Prl.CCF, Hyderabad letter No.Rc.No.3-176/09-F1, Dt.25-11-2010
2. MoEF, Gol, letter No.F.No.8-109/2005-FC, Dt.19-7-2012
3. MoEF, Gol, letter No.F.No.8-109/2005-FC, Dt.01-8-2013
4. G.O.Ms.No.79, Dt.21-9-2013 Environment, Forests, Science &
Technology (For.1) Department.

Kind attention is invited to the above captioned subject.

As per the approval of MoEF, Gol vide letter under reference 3rd cited, the S.C.Co.Ltd is submit herewith annual report for the compliance of conditions in respect of diversion of 147.42 Ha of forest land in Adriyala RF of Karimnagar (East) Division for Ramagundam OCP-II Expansion.

Condition No.(i): *Legal status of the diverted forest land shall remain unchanged.*

Compliance: Legal Status will remain unchanged

Condition No.(ii): *Compensatory Afforestation over the non forest land equal in extent to the forest land being diverted shall be raised and maintained by the State Forest Department from funds realized from the User Agency.*

Compliance: As per the demand issued by DFO, Karimnagar (East), SCCL deposited Rs 4,56,64,969 towards C.A. charges through RTGS No.SBHYH13067304889, IFS Code UBIN0534498 in the CAMPA A/c No. 344902010105407.

Condition No. (iii): *The non-forest land which is transferred and mutated in favour of the State Forest Department for the purpose of compensatory afforestation, shall be declared as Reserved Forest under section-4 or Protected Forest under section-29 of the Indian Forest Act,1927 or under the relevant section(s) of the local Forest Act. The Nodal Officer Forest (Conservation) Act, 1980 must report compliance*

within a period of 6 months and send a copy of the original notification declaring the non-forest land under Section 4 of Section 29 of the Indian Act, 1972, as the case may be, to the Central Government for information and record.

Compliance: Non-forest land handed over for C.A. is part of 370.22 Ha. handed over in Jaggannapet, Madanapalli & Pattipalli villages of Mulugu Mandal, Warangal(North)Division. Notified vide G.O Ms. No.24, EFS & T for .(I) Dept. Dt. 20.05.2016 for 39.81 Ha as Pathipally Ext.III RF, G.O.Ms.No.33, EFS & T For. (I) Dept. Dt. 25.05.2019 for 144.98 Ha as Jakkaram-II Ext-II RF and G.O. Ms. No.34, EFS & T For. (I) Dept. Dt. 25.05.2019 for 185.43 Ha as Jakkaram-II Ext-III RF.

Condition No. (iv): *Following activities shall be undertaken by the User Agency at the project cost.*

(a) A plan containing appropriate mitigative measures to minimize soil erosion and choking of streams shall be prepared and implemented

Compliance: Out of 147.42 Ha. of forest land requisitioned, about 37.72 Ha. is falling in the quarry area which will generate about 95.73 Million Cum (M.Cu.m) of Overburden and about 10.7 Million tons of coal. It is proposed to accommodate about 27.57 M.Cu.m of OB in 57.59 Ha which is part of the 147.42Ha. Balance OB will be dumped in the identified non-forest land.

It is proposed to excavate about 1 M.Cu.m of top soil from the identified dump yard i.e., 57.59 Ha. and to stock at a pre-determined place. This top soil is being utilized for spreading over external dumps as well as back filled areas as a part of reclamation process and plantations will be raised.

It is planned to accommodate the OB in 4 decks each of 30 Mtrs height. The overall slope of the decks will be maintained at 28 degrees. Mitigative measures like garland drains, toe walls etc. have been provided around the decks.

The details of drains and the expenditure incurred is shown in the table below.

Sl. No.	Place of work	Nature of work	Length of Kms.	Expenditure in lakh Rupees	Remarks
1.	Around the dump yard	Garland drain	1.32	8.28	By Company equipment
2.	1 st Deck	Deck drain	1.72	6.88	- do-
3.	2 nd Deck	Deck drain	1.36	5.44	- do-
4.	3 rd Deck	Deck drain	0.99	3.96	- do-
	Total		5.39	24.56	

i) **Construction of toe walls:** It was arranged toe walls in all the decks and around dump yard to arrest / minimize the in rush of soil into the other areas. The details are as follows:

Sl. No.	Place of work	Nature of work	Length of Kms.	Expenditure in lakh Rupees	Remarks
1.	Around the dump yard	Toe wall	1.80	10.60	Through outsourcing
2.	1 st Deck	Toe wall	1.72	8.36	- do-
3.	2 nd Deck	Toe wall	1.36	6.60	- do-
4.	3 rd Deck	Toe wall	1.50	4.95	- do-
	Total		6.38	30.51	

- ii) **Construction of gabions:** 20 Nos. of gabions were constructed. out of 20 Nos. 12 Nos. of gabions are damaged due to heavy rains. Hence it is proposed to re-construct 12 Nos. and addl. 2 Nos. of new gabions (total 14 Nos.).
- iii) **Rock fill dams:** 35 Nos. of rock fill dams were completed. Out of 35 No's 20 No's of Rock fill dams are damaged due to heavy rains. Hence it is proposed to re-construct 20 Nos. and proposed for construction of additional 5 Nos. of new.
- iv) **Cribs:** 20 Nos. of cribs were constructed. Out of 20 No's 10 No's of Cribs are damaged due to heavy rains. Hence it is proposed to re-construct 10 No's of new Cribs in place of damaged 10 No's.
- v) **Settling ponds:** 12 Nos. of Settling ponds constructed to arrest the silt before discharge of water into streams nearby Bokkalavague at a cost of about Rs.6.0 lakhs.
- vi) **Plantation:** **417.44** Ha area were planted so far up to 01.03.2022. Remaining area plantation will be taken up after completion of final dump formation, sub-soil stocked in a separate place will be spread over the deck & deck slopes and necessary plantation will be taken up to arrest soil erosion. Plantation will be taken up with local species like Bamboo, Hardwickia binata, Albezia odoratissima, Holoptelia, Pongamia, Ficus benghalensis, Ficus religiosa, Ficus glomerata, Ficus carica, Inga dulce, Aegle marmelos, Emblica officinalis, Neem etc.

(b) Planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion.

Compliance: **417.44** Ha. of plantation was completed in RG.OC-II (As per EMP, **461.12** Ha. plantation has to be taken up by 2023. Further, before expansion of this Project, in the adjoining areas in outside RF land, plantations were taken up in **417.44** Ha. by the SCCL's forestry wing with local species like Bamboo, Hardwickia binata, Albezia odoratissima, Holoptelia, Pongamia, Ficus benghalensis, Ficus religiosa, Ficus glomerata, Inga dulce, Aegle marmelos, Emblica officinalis etc.,

(c) Construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour;

Compliance: At present 6.38 Kms toe walls constructed. The balance toe walls will be constructed as per the approved EMP.

(d) Stabilize the overburden dumps by appropriate grading / benching so as to ensure that the angles of repose at any given place is less than 28 degrees; and

Compliance: It will be carried out as per approved EMP.

(e) Strict adherence to the prescribed top soil management.

Compliance: As per approved EMP, the top soil excavated from quarry area is stocked in the identified area separately at pre-determined place and subsequently utilized for spreading over external dumps as well as back filled areas as part of reclamation. The top soil dump will be suitably protected from soil erosion.

Top soil Management plan of OCP-II

1	Total Topsoil	:	11.690 M.Cu.m
2	Topsoil removed so far	:	5.722 M.cu.M
3	Topsoil stored in temporary stockyard	:	5.400 M.Cu.m.
4	Topsoil spreaded on Dumps	:	5.648 M.Cu.m
5	Topsoil removed in last six moths	:	Nil

Condition No.(v): *The State Government shall realize the additional amount of NPV, if so determined, as per final decision of the Hon'ble Supreme Court of India and transfer the same to the ad-hoc CAMPA under intimation to this Ministry.*

Compliance: SCCL agree for the same.

Condition No. (vi): *The User Agency shall obtain the Environment Clearance as per the provisions of the Environment (Protection) Act 1986, if required.*

Compliance: SCCL has obtained Environmental Clearance for the Project vide MoEF letter No. J-11015/355/2007-IA.II (M) Dt.27.04.2010.

Condition No. (vii): *The user agency through the State Forest Department shall undertake fencing, protection and afforestation of the safety zone area (7.5 meter strip all along the outer boundary of the area identified to undertake mining) at the project cost.*

Compliance: As per the demand issued by the DFO, Karimnagar (East) SCCL has deposited Rs.13,27,037 into CAMPA Account through RTGS No.SBHYH13067304922, IFS Code UBIN0534498 in the CAMPA A/c No. 344902010105407 towards plantation in safety zone area of 7.5 mtrs. Strip covering 8.534 Ha.

Condition No. (viii): *The user agency through the State Forest Department shall undertake afforestation on degraded forest land, one and half time in extent to the area used for safety zone.*

Compliance: As per the demand issued by the DFO, Karimnagar (East) SCCL has deposited Rs.19,90,555 through RTGS No.SBHYH13067305016, IFS Code UBIN0534498 in the CAMPA A/c No. 344902010105407 towards planting in 1½ time safety zone area of 7.5 mtrs. strip covering 12.801 (8.534) Ha.

Condition No.(ix): *The State Government shall create and maintain penal compensatory afforestation on additional non-forest land twice in extent to the 118.57 Ha. Forest land located in the Upperlakesaram Reserve Forest which was utilized for creation of compensatory afforestation treating it as non-forest land from funds realized from the user agency.*

Compliance: 237.45 Ha of Addl. Non-forest land as twice against 118.57 Ha. over lapped area in Upperlakesaram Reserve Forest towards C.A. was already handed over to Forest Dept. and also Rs.5,96,04,091/- was deposited into CAMPA A/c through RTGS towards C.A. charges as per the demand issued by the DFO, Karimnagar(East).

Condition No. (x): *The additional non-forest land doubles in 118.57 Ha. forest land located in the Upperlakesaram Reserve forest which was utilized for creation of compensatory afforestation treating it as non-forest land, which has been transferred and mutated in favour of the State Forest Department creation of penal compensatory afforestation shall be notified as Reserved Forest Section-4 or Protected Forest under Section-29 of the Indian Forest Act, 1927 or under the relevant Section(s) of the local Forest Act, 1927 or under the relevant Section(s) of the local Forest Act. The Nodal Officer, Forest (Conservation) Act, 1980 must report compliance within a period of 6 months and send a copy of the original notification declaring the non-forest land under section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant Section(s) of the local Forest Act, as the case may be, to the Central Government for information and record.*

Compliance: SCCL has handed over 237.45 Ha. of the Non-forest land as a double the C.A. against 118.57 Ha. The details are shown below:

Sl. No.	Extent in Ha	Location
1	86.727	Zafarghad (V), Mulugu range, Warangal North Division
2	30.330	Polkepad (V), Gopalpet (M), Mahaboobnagar Division
3	48.863	Pinapaka (V), Bayyraram range, Palvanha Division
4	71.530	Esala Thakkallapalli (V), Manthani range, Karimanagar (East) Division
	237.450	

and the C.A. charges of Rs.5,96,04,091/- was already deposited into CAMPA A/c through RGTS No.SBHYHI3067304978, SBHYHI3067305167, SBHYHI3067305123, SBHYHI3067304852. *Status of Notification to be furnished by DFO, Karimnagar (East).*

Condition No. (xi): State Government shall create and maintain penal compensatory afforestation from funds realized from the user agency over the degraded forest land twice extent to portion of the 448.90 Ha of forest land in the Upperlakesaram Reserved Forest block kept under possession by the SCCL without obtaining under the forest (Conservation) Act, 1980 after excluding the 118.57 Ha of forest land which was utilized by the SCCL for creation of compensatory afforestation (C.A.) considering it as non-forest land for which penal C.A. has separately been stipulated (i.e. $2 \times (448.90 - 118.57) = 330.33 = 660.66$ Ha)

Compliance: Forest Dept. identified 660.66 Ha. (330.33×2) of degraded forest land in Bhagirathi RF of Warangal Division. As per the demand issued by Forest Dept., SCCL deposited Rs.14,47,81,601/- towards C.A. charges into CAMPA A/c through RTGS No.SBHYHI3067304841.

Condition No. (xii): The period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the mines and minerals (development & regulation) Act, 1957 or rules framed thereunder subject to a maximum period of 30 years.

Compliance: Yes. Lease will be 30 years as per MM (D&R) Act.

Condition No. (xiii): The user agency shall undertake de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies, wherever required.

Compliance: SCCL has already de-silted Akkepalli village tank falling within 5KM of the boundary and further total village land including tank and residential village has already been acquired for RG. OC-II Expn. Project and R&R is going to be provided 20 KMs away from the present location.

Condition No.(xiv): The user agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan shall be executed by the user agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Andhra Pradesh and the Chief Conservator of Forests (Central) Ministry of Environment & Forests, Regional Office (Southern Zone), Bangalore. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the user agency, the Nodal Officer or the Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed.

Compliance: Vide MoEF., GoI., Lr. No.J-11015/355/2007-IA.II(M) Dt.27.04.2010 Environmental Clearance has been obtained for this Project. The mining will be taken up in phased manner as per approved EMP. Stage wise reclamation programme as per approved EMP will be followed.

Condition No. (xv): No labour camp shall be established on the forest land.

Compliance: The forest land will not be used for establishing labour camp.

Condition No. (xvi): The user agency shall provide firewood preferably alternate fuel to the labourers and the staff working at the site so as to avoid any damage and pressure on the adjacent forest areas.

Compliance: SCCL is providing free supply of LPG to all its employees @ 12 cylinders per annum.

Condition No.(xvii): The boundary of the mining lease and safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.

Compliance: 52 No. of RCC boundary pillars of 4 feet height have been constructed around the forest area proposed for diversion. Serial numbers, forward & back bearings and distances from pillar to pillar are written on the pillars.

Statement showing the latitude longitude, forward and back bearing and distances of pillar to pillar is as follows.

A- 49.65 Ha.

Pillars Sl. No.	Pillar No. Stn. No	Latitude	Longitude	Forward bearing	Back bearing	Distance to next pillar in Meter.
1	A6	18.63759	79.58486	303-53-51		78.94
2	B6A	18.63799	79.58424	308-24-57	123-53-51	90-41
3	B6B	18.6385	79.58357	310-11-06	128-24-57	182-71
4	B6C	18.63957	79.58225	311-03-12	130-11-06	93-96
5	B6D	18.64013	79.58158	35-34-34	131-03-12	178-59
6	B6E	18.64144	79.58257	36-16-57	215-34-34	151-13
7	B6F	18.64254	79.58342	323-15-18	216-16-57	185-90
8	B6G	18.64389	79.58237	324-27-28	143-15-18	233-27
9	B6H	18.64561	79.58109	23-12-23	144-27-28	183-20
10	B6I	18.64713	79.58178	13-12-40	203-12-23	77-33
11	B6J	18.64781	79.58195	333-44-37	193-12-40	187-18
12	B6K	18.64933	79.58117	323-11-56	153-44-37	93-71
13	B6L	18.65001	79.58064	318-29-10	143-11-56	170-86
14	B13	18.65117	79.57957	59-50-44	138-29-10	356-59
15	B12	18.65278	79.5825	186-10-21	239-50-44	209-25
16	39	18.65092	79.58228	117-46-41	06-10-21	193-40
17	38	18.65008	79.5839	158-30-53	297-46-41	279-74
18	37	18.64773	79.58292	113-16-26	338-30-53	233-34
19	36	18.64689	79.58495	200-38-16	293-16-26	281-68

20	35	18.64451	79.58400	174-51-18	20-38-16	134-35
21	34	18.64330	79.58411	121-02-24	354-51-18	213-33
22	34A	18.64230	79.58584	101-12-45	301-02-24	55-94
23	33	18.64220	79.58636	192-20-46	281-12-45	101-99
24	32	18.64130	79.58615	89-48-24	12-20-46	27-42
25	31	18.64130	79.58641	196-46-13	269-48-24	260-21
26	30	18.63905	79.58569	114-49-40	16-46-13	264-15
27	29	18.63804	79.58796	199-48-43	294-49-40	169-54
28	28	18.63660	79.58741	290-52-54	19-48-43	276-86
29	27	18.6375	79.58496	313-09-42	110-52-54	14-50
	A6	18.63759	79.58486		133-09-42	
			B- 57.65 Ha.			
30	P20	18.67711	79.57690	17-11-50	273-46-33	
31	19	18.67781	79.57713	96-03-21	197-11-50	294-82
32	18	18.67752	79.57991	95-20-12	276-03-21	574-05
33	17	18.67702	79.58533	217-34-34	275-20-12	538-75
34	16	18.67317	79.58220	219-18-49	37-34-34	488-88
35	15	18.66976	79.57925	218-10-18	39-18-49	83-24
36	14A	18.66917	79.57876	329-51-58	38-10-18	508-28
37	14xa	18.67452	79.57487	289-06-31	149-51-58	772.0
	p20	18.67597	79.56670		109-06-31	
			C- 40.12 Ha.			
38	P10	18.66273	79.56768	70-00-17		225-24
39	P10A	18.66342	79.56969	153-21-14	250-00-17	390-45
40	P10B	18.66026	79.57134	77-35-07	333-21-14	198-50
41	10C	18.66064	79.57318	193-04-29	257-35-07	211-39
42	10D	18.65878	79.57272	193-03-42	13-04-29	96-60
43	B20	18.65793	79.57251	223-42-29	13-03-42	161-18
44	B19	18.65688	79.57145	135-12-55	43-42-29	90-10
45	B18	18.65630	79.57205	225-21-06	315-12-55-	342-71
46	B17	18.65413	79.56973	265-06-44	45-21-06	337-47
47	B17A	18.65388	79.56654	246-49-06	85-06-44	203-88
48	17B	18.65316	79.56476	28-40-12	66-49-06	242-50
49	10AF	18.65508	79.56587	23-12-40	208-40-12	576-13
50	10Z	18.65986	79.56804	81-47-46	203-12-40	158-64
51	10Y	18.66006	79.56953	351-34-28	261-47-46	264-90
52	10X	18.66243	79.56917	281-44-27	171-34-28	160-56
	P10	18.66273	79.56768		101-44-27	

Note: Out of 52 Pillars, which were constructed all along the boundary of 147.42 Ha. surface diversion 41 pillars were under gone in OC Quarry operations and 11 pillars are exiting as on date on the ground. The diversion of 147.42 Ha forest land including the outer boundary land is falling middle of OCP-II mining operations due to which the pillars have gone in to excavation area.

Condition No. (xviii): *The forest land shall not be used for any purpose other than that specified in the proposal.*

Compliance: The forest land is being used for the purpose for which it is diverted.

Condition No. (xix): *Any other condition that the Regional Office (Southern Zone), Bangalore of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests and wildlife.*

Compliance: SCCL will abide with the conditions if any imposed by Regional Office (Southern Zone), Bangalore in the interest of conservation, protection and development of forests and wildlife.


Condition No.(xx): *The user agency shall submit annual report on status of compliance to conditions stipulated in this approval to concerned regional office of this ministry and the State Government of Telangana.*

Compliance: SCCL is submitting annual report on the status of compliance of conditions to the Regional Office as well as State Government, as per the approval accorded by MoEF, Gol.

Condition No.(xxi): *The user agency and the State Government shall ensure compliance to provision of the all acts, rules, regulations and guidelines for the time being in Condition No.(xx):force as applicable to the project.*

Compliance: All conditions are being complied with.

Yours faithfully,


General Manager
Ramagundam Area-III
The S.C.Co.Ltd.

Copy to:

The Regional Officer,
Integrated Regional Office,
Government of India,
Ministry of Environment, Forest & CC
3rd Floor, Aranya Bhavan,
Hyderabad-500 004.

: For favor of information

The Conservator of Forest, Karimnagar Circle, Karimnagar.
The District Forest Officer, Peddapalli.
Advisor (Forestry)
G M (Estates)
