

**HALF YEARLY ENVIRONMENTAL MONITORING REPORT
OCTOBER-2024 TO MARCH-2025
KASIPET-2 INCLINE UNDERGROUND COALMINE
MANDAMARRI AREA**

Submitted to

**Ministry of Environment, Forests
&
Climate Change
Government of India**

Submitted by



**THE SINGARENI COLLIERIES COMPANY LIMITED
(A Govt. Company)
HALF YEARLY ENVIRONMENTAL MONITORING REPORT
MANDAMARRI AREA**

Kasipet-2 Incline HYMR Report from October-2024 to March-2025



The Singareni Collieries Company Limited
(A Govt Company)
Mandamarri Area

Ref: No: MMR/ENV/R/003/2025/134

Date: 17.05.2025

To
THE DIRECTOR/ Scientist 'F'
Integrated Regional Office, Hyderabad,
Ministry of Environment, Forest and Climate Change,
Aranya Bhavan, 3rd floor, Saifabad,
Hyderabad- 500004
Telangana State.

Sir,

Sub: Half yearly Environmental Monitoring report in respect of
"Kasipet-2 Incline Underground Coal Mine" of the Singareni
Collieries Company Limited for the period October-2024 to March-
2025 – Reg.

Ref: MoEF (GoI), New Delhi No, 1-11015/291/2011-IA-II(M), Dated:
11th May 2015.

Reference to the above, the status of implementation of Environmental
clearance conditions vis-à-vis Project progress for the period from October-2024
to March-2025 in respect of "Kasipet-2 Incline Underground Coal Mine" of
the Singareni Collieries Company Limited, Mandamarri (PO), Mancherial –(Dist),
Telangana- (State) is being furnished for your kind perusal.

Thanking You,

Yours faithfully,


General Manager
Mandamarri Area
The S.C.Co.Ltd.

GENERAL MANAGER,
MANDAMARRI AREA,

Encl: Half Yearly compliance report of Kasipet-2
Incline Underground Coal mine



CONTENTS

S. No		Page No
1	PART-1	
	• Salient features of the project	4
	• Compliance status of the EC conditions	6
2	PART-II	
	1. Production details	24
	2. Plantation	24
	3. Water balance statement	24
	4. Micro meteorological monitoring	24
	5. Air pollution control measures	25
	6. Surface water quality monitoring	25
	7. Ground water quality monitoring	25
	8. Phreatic surface monitoring	25
	9. Water pollution control measures	25
	10. Noise pollution control measures	25
	11. Revenue expenditure	26
	12. Socio economic measures	26
	13. Development activities (CSR) under SHAPE programme in the surrounding villages	31
	14. Minutes of the EMC meeting	35
	15. Environmental public hearing minutes	36
3.	ANNEXURES	
	Annexure-I Plantation plan	41
	Annexure-II Ground water quality monitoring data	42
	Annexure-III Peizometric & Phreatic monitoring data	46
	Annexure-IV Land use Land cover	49
	Annexure-V Environment Policy	50
	Annexure-VI Air quality monitoring data	52
	Annexure-VII Noise quality monitoring data	56
	Annexure-VIII Effluents monitoring data	59
	Annexure-IX Area Workshop Effluents Quality report	60
	Annexure-X Consent for Establishment	61
	Annexure-XI Consent for Operation	62
	Annexure-XII Public Liability Insurance Policy	63
	Annexure-XIII Surface water quality monitoring data	66

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
MANDAMARRI AREA

PART-1

**HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE CONDITIONS
FROM OCTOBER-2024 TO MARCH-2025**

A. SALIENT FEATURES OF THE PROJECT:

1	Name of the Project	:	Kasipet-2 Incline Underground Coal Mine
2	Organization	:	The Singareni Collieries Company Limited
3	Coalfield	:	Godavari Valley Coal Field
4	Type of Mine	:	Underground
5	Technology	:	Board & pillar with SDLs
6	Environmental Clearance	:	
	A Letter No & date	:	No: J-11015/291/2011-IA-II(M), Dt:11-05-2015.
	B Sanctioned capacity	:	0.47 MTPA
	C Mining Lease Area	:	206 Ha
	D Mine Block area (surface)	:	198.80 Ha
	E Date of Public Hearing	:	06-02-2013
7	Location of the Project	:	
	A Village	:	Kankalapur
	B Tehasil	:	Kasipet Mandal
	C District	:	Mancherial
	D State	:	Telangana
	E Latitude	:	North : 19 ⁰ 02' 22" To 19 ⁰ 03' 48"
	F Longitude	:	East : 79 ⁰ 25' 21" TO 79 ⁰ 26' 16"
	G Topo Sheet	:	56 M /8
	H Nearest railway station	:	Bellampalli
	I Nearest Airport	:	Hyderabad
	J Nearest town	:	Bellampalli
8	Address for Correspondence	:	
	A Name	:	D Rambabu
	B Designation	:	AGENT
	C Address	:	THE AGENT, KK GROUP; THE SCCo. Ltd.
	D Pin Code	:	504 251
	F E-mail ID	:	agt_kk1_mmr@scclmines.com
	G Telephone No.	:	8332974535
	H Fax No.	:	-
9	Life of the Project	:	
	A Date of Opening	:	25-04-2016
	B Total Life of the project as per EMP	:	21 Years
	C Balance Life	:	14 ½ Years
10	Seams	:	
	A Total Seams Present	:	IA, I, II, IIIA, III, IV (T), IV(M) & IV (B)
	B Seams being worked	:	III

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

11	Depth		
	A	Minimum Depth (m)	: 25
	B	Maximum Depth (m)	: 353
	C	Present working depth (m)	: 217
12	Reserves		
	A	Total Geological Reserves	: 19.79 MT
	B	Total Extractable Reserves	: 8.454 MT
	C	Reserves already Extracted	: 439770 T (0.4397 MT) As on 31.03.2025
	D	Balance Reserves	: 8.01 MT
	E	Coal production during last six months	: 0.066 MT
13	Land Requirement		
	A	Total Requirement (Mine Take Area)	198.80 ha
	B	Forest land Involved	NIL
	C	Non-forestland	198.80 ha
	D	Land acquired so far	33.08 ha
14	Statutory Clearances		
	A	Ground Water Clearance	: Lr.No.634/T/2012, Dt:5.11.2013 As per new guide lines issued in 2020 by CGWA for obtaining ground water clearance, SCCL applied for ground water clearance vided letter no.MMR/ENV/G-5/2023/91, dated: 30.10.2022 and paid fee for NOC awaiting for survey by GWC Mancherial.
	B	Consent for Establishment	: No.03/TSPCB/CFE/RO-NZM/HO/2015/692, Dt:04.11.2015
	C	Consent for Operation	: Consent order No:210523331313, Dt:06.11.2021, valid up to 30.09.2026.
	D	Forest Clearance	: No Forest land is involved
	E	Mining Lease	: Mining lease granted Kasipet North Extension Mining Lease vide G.O. Ms No.282, dated 20.10.2008 for a period of 30 years.
	F	Others (Specify)	: --
15	R & R Involved		: NIL

Part – 1**Status of Implementation of MoEF conditions as on 31-03-2025****A. Specific Conditions**


Contd. No.	Condition	Compliance Status																																		
i.	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	Being complied. Production of coal started from this mine from January, 2019 onwards. and maximum production is not exceeded till now <u>Production of coal:</u> <table><tr><th rowspan="2">Sl. No</th><th rowspan="2">Year</th><th colspan="2">Coal (in MTPA)</th></tr><tr><th>As per EC</th><th>Actual</th></tr><tr><td>1</td><td>2018-19</td><td>0.47</td><td>0.000791</td></tr><tr><td>2</td><td>2019-20</td><td>0.47</td><td>0.042699</td></tr><tr><td>3</td><td>2020-21</td><td>0.47</td><td>0.048383</td></tr><tr><td>4</td><td>2021-22</td><td>0.47</td><td>0.067</td></tr><tr><td>5</td><td>2022-23</td><td>0.47</td><td>0.0478</td></tr><tr><td>6</td><td>2023-24</td><td>0.47</td><td>0.097</td></tr><tr><td>7</td><td>2024-25</td><td>0.47</td><td>0.1175</td></tr></table>	Sl. No	Year	Coal (in MTPA)		As per EC	Actual	1	2018-19	0.47	0.000791	2	2019-20	0.47	0.042699	3	2020-21	0.47	0.048383	4	2021-22	0.47	0.067	5	2022-23	0.47	0.0478	6	2023-24	0.47	0.097	7	2024-25	0.47	0.1175
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ii.	The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.	Agreed																																		
iii.	All safety measures shall be taken as per Coal Mining Regulation Act, 1957 & related Circulars.	Being complied. All safety measures are being implementing as per Coal Mining Regulations-2017 and Mines Act and related circulars from DGMS, Dhanbad.																																		
iv.	Social audit may be carried out and the results be published in the website of the Company.	Being complied. The socio economic survey was conducted in the year 2022-23 through Center For Good Governance Director General (CGG), Hyderabad (A Govt. agency). The results will be published in the company web site.																																		
v.	Stowing of mine will be done from the crushed OBD.	Agreed to Comply At present only development work has been carrying out. The Crushed OBD will be used during the stowing operations																																		
vi.	A detailed action plan for the CSR and for the assurance given during the Public Hearing be submitted to the MoEF for record.	Complied. The detailed action plan for the CSR and for the assurance given during the Public Hearing was submitted on 29.11.2019 to the MoEF Chennai.																																		
vii.	The CSR cost should be Rs 5	Being complied.																																		


Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Contd. No.	Condition	Compliance Status
	per Tonnes of Coal produced which should be adjusted as per the annual inflation.	The CSR cost was Calculating at the rate of Rs 5 per Tonne of coal produced and adjusting as per the annual inflation
viii.	Coal transportation in pit from underground to surface through conveyors. Surface to Siding Through covered trucks and loading at siding through covered trucks to the ISP by trucks by road.	Complied. Coal is being transported from Mine to CHP through tarpaulin covered trucks.
ix.	The production shall be within the same Mining Lease area.	Being complied. The production is achieving only within the same mining lease area.
x.	A separate team for subsidence monitoring and surface mitigation measures be constituted and continuous monitoring and mitigation measures be carried out.	Agreed to Comply. At present, only development activities are going on and a separate team for subsidence monitoring and surface mitigation measures will be constituted during the depillaring operations.
xi.	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clay soil/suitable material.	Agreed to Comply. At present, only development activities are going on and it will be complied during the depillaring operations.
xii.	If subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement of the landowners.	Agreed to Comply At present, only development activities are going on and it will be complied during the depillaring operations..
xiii.	Mining shall be carried out as per statute at a safe distance from river/nallah following within adjacent to the lease boundary at the time of depillaring, protective bunds and garland drains shall be provided so that no water from the surface enters the subsidence area and the shaft.	Agreed to Comply At present, only development activities are going on, it will be complied during the depillaring operations.




Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Contd. No.	Condition	Compliance Status
xiv.	Sufficient coal pillars shall be left unextracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	complied Sufficient coal pillars were left around the Air shaft within the subsidence influence area to protect the Air shaft.
xv.	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	Being complied Solid barriers are being left below the roads falling within the blocks to avoid any damage to the roads.
xvi.	Diversion of Land shall be done with approval of the Competent Authorities.	Agreed to comply If required diversion of Land will be done, after the approval of the Competent Authorities. However 33.08Ha of land acquired for establishment of offices and other development activities connected to mining operations
xvii.	Coal Extraction shall be optimized in areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road, water bodies, railway track.	Agreed to comply At present only development activities are going on, it will be Complied during the depillaring operations.
xviii.	The mined out land should be used for agriculture purpose.	Agreed to comply After complete extraction of the coal, the mined out land will be utilized for the Agriculture purpose only.
xix.	Safety measures and health issues need to be addressed for workers and surrounding villagers.	Being complied. Safety measures and health awareness classes is being conducting regularly.
xx.	Proponent shall implement all the related safety measures with safety equipments.	Being complied. Implementing all the safety measures with safety equipments.
xxi.	At the time of establishing the CHP, it is proposed to establish mist spray arrangements and also enclosing the ground level bunkers up to the level of gantry.	complied. Centralized CHP is established at Ramakrishnapur to cater the needs of the area. Mist spray and dry fog system and mobile water sprinkling tanker are being used for sprinkling in dust areas and unpaved roads and permanent internal roads were black topped and water spraying arrangements were made for controlling fugitive dust emissions.

Contd. No.	Condition	Compliance Status
		 <p>WATER SPRINKLING SYSTEMS AT CENTRALIZED CHP</p>
xxii.	An afforestation plan to be prepared for implementation after stabilization of subsidence.	<p>Being complied.</p> <p>At present only development activities are going on, it will be complied with during the depillaring operations. However, progressive afforestation activities taken up as envisaged in the EIA/EMP.</p> <p>Plantation plan was enclosed as Annexure-I</p>
xxiii.	Water spraying arrangements at loading points and mist spray arrangements are to be provided.	<p>Being complied.</p> <p>Water spraying and mist spray arrangements are made at all loading points.</p>
xxiv.	No additional land, manpower and equipment and water shall be used for the expansion project.	<p>Complied.</p> <p>Additional land, manpower and equipment and water has not used for the expansion project.</p>
xxv.	Mine closures activities include sealing of incline mouth dismantling of haulage system, clearing and afforestation of coal stock area, plantation on barren land and old abandoned mine.	<p>Agreed to comply</p> <p>Mine closure activities will be carried out as per the approved Mine Closure Plan at the time of final mine closure.</p>
xxvi.	3-tier plantation should be developed 2 km stretch of road from the mine using native species	<p>Being complied</p> <p>A 3 tier plantation will be developed along the road from the mine with native species</p>
xxvii.	Garland drains (size, gradient and length) around the safety areas such as mine shaft and low lying areas and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine	<p>Being complied.</p> <p>The mine openings such as Main incline, Manway and Airshaft were designed minimum 3.40m above the HFL of the area. The sumps are provided keeping the highest seepage calculations and retention time to settle the silt material.</p>

Contd. No.	Condition	Compliance Status
	sites. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.	
xxviii.	Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor system, haulage roads, transfer points, etc. Major approach roads shall be black topped and properly maintained.	<p>Complied.</p> <p>Coal transportation roads and permanent internal roads were black topped and water spraying arrangements were made for controlling fugitive dust emissions.</p> <p>Air quality monitoring data furnished in Annexure-VI.</p>
xxix.	A progressive afforestation plan shall be prepared and implemented over the mine lease area acquired and shall include areas under green belt development, areas along roads, infrastructure, along ML boundary and township etc., by planting native species in consultation with the local DFO/Agriculture Department.	<p>Being complied.</p> <p>A progressive afforestation plan has been implemented as per approved EIA/EMP-over the mine lease area acquired and areas under green belt development, areas along roads, infrastructure, along ML boundary and township etc., with native species in consultation with the local DFO/Agriculture Department.</p> <p>Plantation plan was enclosed as Annexure-I</p>
xxx.	Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests & Climate Change and to the Central Pollution Control Board quarterly within one month of monitoring.	<p>Being complied.</p> <p>Regular monitoring Peizometric and phreatic wells for ground water levels is being carried out in the surrounding villages. Data thus collected is submitted to the Ministry of Environment, Forests & Climate Change and to the Central Pollution Control Board.</p> <p>Ground water quality and ground water levels are enclosed in Annexure-II & Annexure-III respectively.</p> 
xxxi.	Acid Water Treatment Plant, volume of water to be treated and disposal of brine should be provided.	<p>Not Applicable</p> <p>There is no presence of Acid water in this mine.</p>
xxxii.	High root density tree species shall be selected and planted over areas likely to be affected	<p>Being complied.</p> <p>At present only development activities are</p>

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Contd. No.	Condition	Compliance Status
	by subsidence.	going on, it will be complied with during the depillaring operations.
xxxiii.	Monitoring of drinking water should be carried out regularly.	Being complied. Monitoring of drinking water is being carried out regularly.
xxxiv.	Sewage treatment plant shall be installed in the township. ETP shall also be provided for treating workshop and CHP effluents.	<p>Complied.</p> <p>Sewage Treatment Plants with capacity of 100 KLD each at Pranahitha Colony Mandamarri, Nagarjuna colony Ramakrishnapur and Bharath colony Somagudem of Mandamarri area were Constructed (3 nos of). ETP is provided for the Area workshop.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Nagarjuna colony</p> </div> <div style="text-align: center;">  <p>STP Pranahitha colony</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>Bharath colony</p> </div>
xxxv.	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MoEF and its Regional office at Bangalore.	<p>Being complied.</p> <p>Satellite data based land use/land cover studies for coal mining projects was carried the year-2022, the report was submitted to the MoEF&CC Integrated Regional office, Hyderabad vide Lr.No: MMR/ENV-G-6/2023/230, dated 15.12.2023.</p> <p>Land use & Land cover study report was enclosed as Annexure-IV</p>
xxxvi.	If the water quality parameters such as F, pH, heavy metals, etc. exceed the prescribed limits, suitable measures by the proponent be taken to ensure	<p>Not applicable</p> <p>The water quality parameters such as F, pH, heavy metals, etc. are monitored and the they are well within the prescribed limits</p>

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Contd. No.	Condition	Compliance Status															
	that the local communities are provided alternate source of water for their livelihood	Annexure-II															
xxxvii.	Medical camps should be organized in the area for regular check-up of workers/villagers/population. Detailed prevalent disease pattern in the area should be documented and details of medical facilities provided for the same be made available to the MoEF.	<p>Being complied.</p> <p>Medical camps are being organized for regular check-up of workers/villagers/population. Detailed prevalent disease pattern in the area are documented and details of medical facilities provided for the same be made available to the MoEF.</p> <p>As on 31.03.2025 following Medical camps/programmes were conducted.</p> <table border="1"> <thead> <tr> <th>Medical camps/Programmes</th><th>No of programmes</th><th>No of Beneficiaries</th></tr> </thead> <tbody> <tr> <td>Medical Camps</td><td>2</td><td>1300</td></tr> <tr> <td>Mobile Medical Services</td><td>2</td><td>246</td></tr> <tr> <td>School Health Programmes</td><td>7</td><td>750</td></tr> <tr> <td>Health Awareness Programmes</td><td>16</td><td>1746</td></tr> </tbody> </table>	Medical camps/Programmes	No of programmes	No of Beneficiaries	Medical Camps	2	1300	Mobile Medical Services	2	246	School Health Programmes	7	750	Health Awareness Programmes	16	1746
Medical camps/Programmes	No of programmes	No of Beneficiaries															
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Health Awareness Programmes	16	1746															
xxxviii.	Mine discharge water outside the ML shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.	<p>Being complied.</p> <p>Mine discharge water outside the ML is being monitored through EPTRI, Hyderabad, a CPCB recognized, NAL accredited laboratory and the monitored results are within the prescribed levels.</p> <p>Annexure-VIII.</p>															
xxxix.	The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource, in case water table shows a declining trend. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	<p>Being complied.</p> <p>From the monitoring reports of Phreatic and Piezometric water levels, it is observed that, there is no considerable impact of mining on water regime in this area.</p> <p>However the excess mine discharge water about 150 KLD after treated through the slow sand filter beds is being let out into nearby Seasonal nallah for augmentation of ground water and also agriculture purpose of the nearby agricultural fields.</p>															
xl.	Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational	<p>Being complied.</p> <p>During six months period from October-2024 to March-2025, 72 no's of employees have undergone periodical health checkup for occupational diseases like hearing impairment, pneumoconiosis etc and the</p>															

Contd. No.	Condition	Compliance Status
	diseases and hearing impairment, if any, through an agency such as NIOH, Ahmadabad within a period of one year and the results reported to this Ministry and to DGMS.	results thereof are being reported to DGMS, Dhanbad.
xli.	The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of mined over area. The operating mines may be analyzed and monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.	Agreed to Comply. The operating mines will be analyzed and will be monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.
xlii.	Project specific CSR for an amount of Rs5/Tonne of coal production, as adjusted as per the annual inflation, should be provided for the CSR activities undertaken and the progress made thereon shall be uploaded annually on the company website. Monitoring of the impacts of activities under CSR shall be carried out periodically.	Being complied. Project specific CSR, calculated at the rate of Rs. 5/ton of coal production and it is adjusted as per annual inflation and providing for CSR activities only. So far, an amount of CSR Rs. 1912.12 lakhs has been spent in MM Area for various developmental works. The CSR details were uploading annually in the company website. Monitoring of CSR activities has been carrying regularly.
xliii.	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forests & Climate Change 5 years in advance of final mine closure for approval.	Agreed to comply A final mine closure plan along with details of Corpus Fund will be submitted to the MoEF & CC, five years in advance of final mine closure for approval.
xliv.	Corporate Environment Responsibility: a) The Company shall have a well laid down Environment Policy approved by the Board of Directors. b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/conditions	Complied. The SCCL has a well laid down Environment Policy approved by the Board of Directors on 01.11.2011. Environment policy was enclosed as Annexure-V. Complied The SCCL has a well laid down Environment Policy approved by the Board of Directors consisting standard operating process/procedures to bring into focus any infringements/ deviation/ violation of the environmental or forest norms/conditions.

Contd. No.	Condition	Compliance Status																																										
		The status of compliance of EC/FC is being appraised to SCCL Board of Directors once in three months as per Companies Act, 2013 by the project authorities.																																										
	c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	<p>Complied</p> <p>The SCCL has a well defined hierarchical system to deal with environmental issues and for ensuring compliance with the environmental clearance conditions.</p> <p>A company level environment cell with qualified personnel headed by General Manager (Environment) who is directly reportable to the Chairman of the Company is established to monitor and guide in implementation of the environmental safeguards.</p> <p>An area level environmental cell headed by qualified environmental officer is established and functioning under the control of Area General Manager to monitor and guide in implementation of the environmental safeguards.</p> <p>Apart from this, a unit level Environmental Management Committee with multi-disciplinary team has been constituted under the chairmanship of SO to GM. The committee has been constituted with following members.</p> <table border="1"> <tr><td>1.</td><td>SO to GM</td><td>Chairman</td></tr> <tr><td>2.</td><td>Project officer</td><td>Member</td></tr> <tr><td>3.</td><td>Area engineer (E&M)</td><td>Member</td></tr> <tr><td>4.</td><td>Area civil engineer</td><td>Member</td></tr> <tr><td>5.</td><td>Area forest officer</td><td>Member</td></tr> <tr><td>6.</td><td>Area estates officer</td><td>Member</td></tr> <tr><td>7.</td><td>Project Manager</td><td>Member</td></tr> <tr><td>8.</td><td>Project engineer</td><td>Member</td></tr> <tr><td>9.</td><td>Project surveyor</td><td>Member</td></tr> <tr><td>10.</td><td>Project env.officer</td><td>Member</td></tr> <tr><td>11.</td><td>Area env. officer</td><td>Convener</td></tr> <tr><td>12.</td><td>Sr.Hydro Geologist</td><td>Member</td></tr> <tr><td>13.</td><td>Area Survey Officer</td><td>Member</td></tr> <tr><td>14.</td><td>Base Workshop Incharge</td><td>Member</td></tr> </table>	1.	SO to GM	Chairman	2.	Project officer	Member	3.	Area engineer (E&M)	Member	4.	Area civil engineer	Member	5.	Area forest officer	Member	6.	Area estates officer	Member	7.	Project Manager	Member	8.	Project engineer	Member	9.	Project surveyor	Member	10.	Project env.officer	Member	11.	Area env. officer	Convener	12.	Sr.Hydro Geologist	Member	13.	Area Survey Officer	Member	14.	Base Workshop Incharge	Member
1.	SO to GM	Chairman																																										
2.	Project officer	Member																																										
3.	Area engineer (E&M)	Member																																										
4.	Area civil engineer	Member																																										
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6.	Area estates officer	Member																																										
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9.	Project surveyor	Member																																										
10.	Project env.officer	Member																																										
11.	Area env. officer	Convener																																										
12.	Sr.Hydro Geologist	Member																																										
13.	Area Survey Officer	Member																																										
14.	Base Workshop Incharge	Member																																										
	d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	<p>Complied</p> <p>SCCL is having a well laid down environmental policy duly approved by the Board of Directors.</p> <p>The environmental policy is containing standard operating procedures to have proper checks and to bring into focus any violation of the environmental norms.</p>																																										

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Contd. No.	Condition	Compliance Status
		The company has a well laid down system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and shareholders as well as status of compliance of other laws, rules, etc. i.e. once in three months under Companies Act, 2013.
xliv.	The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions	<p>Complied T</p> <p>The Environment Policy of SCCL has prescribed in detail all standard operating process/procedures to bring into focus on any infringements/ deviation/violation of the environmental or forest norms /conditions if any.</p> <p>Approved Environment Policy date:11.11.2011.</p>
xlvi.	a) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	<p>Being complied.</p> <p>Environmental policy of SCCL and Objectives of Environmental Policy have been approved by Board of Directors in its meeting held on 11.11.2011.</p> <p>For effective implementation of environmental policy and its objectives, guidelines have been framed in different facets of environmental management for bringing uniformity in planning, execution and monitoring systems thereby ensuring environmentally sustainable coal mining operations.</p> <p>The Environmental Policy, objectives and guidelines were circulated to all the mines, departments and other units for implementation. Also, necessary arrangements were made for display of the same at the conspicuous places for bringing awareness among the employees of SCCL.</p> <p>Standard operating procedures are in place for bringing out deviations/ violations of environmental or forest norms/conditions and hierarchical system of the company to deal with environmental issues and for ensuring compliance with EC conditions.</p>
xlvii.	b)To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	<p>Complied</p> <p>The company has, a well laid down system of reporting of non-compliances/violations of environmental norms, at different levels of the company.</p>

B. GENERAL CONDITIONS:

Cond. No.	Condition	Compliance Status
i.	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forest & Climate Change.	<p>Being complied.</p> <p>There is no change in mining technology and scope of working. Any change in mining technology and scope of working will be done after getting prior approval from MoEF & CC only.</p>
ii.	No change in the calendar plan of production for quantum of mineral coal shall be made.	<p>Being complied.</p> <p>There is no change in the calendar programme of coal production.</p>
iii.	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr. etc carried out at least once in six months.	<p>Being complied.</p> <p>Four ambient air quality monitoring stations namely Kasipet-2 pit office as core zone, and peddanapalli village, Gundlapadu village and Kankalapur village as buffer zone are established for monitoring the PM₁₀, PM_{2.5}, SO₂ & NO_x. Data of the Ambient Air Quality on the above parameters are being submitted regularly to the Regional Office, Telangana State Pollution Control Board, Nizamabad and also MoEF&CC.</p> <p>The monitoring is being carried out regularly by the external agency i.e. "Environmental Protection Training and Research Institute" (EPTRI), Hyderabad which has a CPCB recognized & a NABL accredited lab.</p> <p>Annexure-VI.</p>
iv.	Data on ambient air quality (PM ₁₀ , PM _{2.5} , SO ₂ and NO _x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EPA rules, 1986 shall be furnished as part of compliance report.	<p>Being complied.</p> <p>Data on ambient air quality (PM₁₀, PM_{2.5}, SO₂ and Nox) and heavy metals such as Hg, As, Ni, Cd, Cr, and other monitoring data is being regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board once in six months along with half yearly reports.</p> <p>The SCCL entrusted the post project environmental monitoring work in all the mining areas to EPTRI, a CPCB recognized and NABL accredited laboratory.</p> <p>EPTRI is periodically participating in the</p>

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status
		<p>proficiency testing conducted by CPCB and their performance in such tests is being verified to ensure quality of work.</p> <p>The ambient air quality monitoring data are enclosed as Annexure-VI.</p>
v.	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.	<p>Being complied.</p> <p>Planned preventive maintenance of the machineries & vehicles is being carried out, to control the vehicular noise.</p> <p>Ear plugs have been provided to the workmen where, they are likely to be exposed to noisy work environment.</p> <p>Noise quality monitoring data are enclosed as Annexure-VII.</p>
vi.	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.	<p>Being complied.</p> <p>Area work shop has been established and ETP is provided for the same. Oil & Grease is being separated before discharge of work shop effluents.</p> <p>Mine discharge effluent monitoring data enclosed as Annexure-VIII.</p> <p>Area workshop effluents quality report was enclosed as Annexure-IX</p>
vii.	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	<p>Being complied.</p> <p>All the vehicular emissions will be kept under control and regularly monitored. Vehicles used for transportation of the mineral will be covered with tarpaulins and optimally loaded.</p>
viii.	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA Rules. 1986.	<p>Being complied.</p> <p>The post project environment. Monitoring stations are identified in consultation with Regional Office, Telangana State Pollution Control Board, Nizamabad based on the meteorological data, topographical features and environmentally and ecologically sensitive targets.</p> <p>Post project environmental monitoring work is being carried out by an external agency, i.e. "Environmental Protection Training and Research Institute" (EPTRI), Hyderabad which has a CPCB recognized & NABL</p>

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status
		accredited lab (recognized under EPA Rules, 1986).
ix.	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	<p>Being complied.</p> <p>Personal working in dusty areas is being provided with dust masks. 50 nos. of dust mask provided during the compliance period. Training and information on safety and health aspects are being given through internal safety organization and Mine Vocational Training Centers.</p>
x.	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	<p>Being complied.</p> <p>The SCCL has well-established health centres (area hospitals) with qualified doctors & with all facilities as per NIOH, Ahmadabad (occupational health specialist) in each area for monitoring and identification of occupational diseases.</p> <p>Occupational health surveillance program of the workers is being carried out to check the health profile of the workmen i.e. for the lung diseases, hearing impairment, eye testing, heart functioning, hypertension, diabetes, chest X-Ray, complete blood and urine picture, etc., and records are being maintained.</p> <p>Periodically Medical Examination (PME) is being done at an interval of once in five years for employees age up to 45 years, once in three years for employees age more than 45 years and eye refraction test is being done for vehicle drivers and HEMM operators at an interval of once in a year.</p> <p>In addition to above medical camps are being conducted at regular intervals at all SCCL areas with corporate hospital doctors, Hyd., for health check up of SCCL' employees. On medical referrals also SCCL's employees being sent to corporate hospitals, Hyd., for treatment on need basis.</p> <p>The health and safety issues of the outsourced manpower are being addressed by the company while awarding the work to the contractor and compliance status of terms & conditions of the work order is being monitored regularly by project authority.</p>

Cond. No.	Condition	Compliance Status																																							
xi.	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	<p>Complied.</p> <p>A company level environment cell with qualified personnel headed by General Manager (Environment) who is reportable to the Director of the Company is established to monitor and guide in implementation of the environmental safeguards.</p> <p>An area level environmental cell headed by qualified environmental officer is established and functioning under the control of area General Manager to monitor and guide in implementation of the environmental safeguards.</p> <p>Apart from this, a unit level Environmental Management Committee with multidisciplinary team has been constituted under the chairmanship of SO to GM. The committee has been constituted with following members.</p> <table border="1"> <tr><td>1.</td><td>SO to General Manager</td><td>Chairman</td></tr> <tr><td>2.</td><td>Project Officer</td><td>Member</td></tr> <tr><td>3.</td><td>Area Engineer (E&M)</td><td>Member</td></tr> <tr><td>4.</td><td>Area Civil Engineer</td><td>Member</td></tr> <tr><td>5.</td><td>Area Forest Officer</td><td>Member</td></tr> <tr><td>6.</td><td>Area Estates Officer</td><td>Member</td></tr> <tr><td>7.</td><td>Project Manager</td><td>Member</td></tr> <tr><td>8.</td><td>Project Engineer</td><td>Member</td></tr> <tr><td>9.</td><td>Project Surveyor</td><td>Member</td></tr> <tr><td>10.</td><td>Project Env. Officer</td><td>Member</td></tr> <tr><td>11.</td><td>Area Env. Officer</td><td>Convener</td></tr> <tr><td>12.</td><td>Sr. Hydro Geologist</td><td>Member</td></tr> <tr><td>13.</td><td>Area Survey Officer</td><td>Member</td></tr> </table>	1.	SO to General Manager	Chairman	2.	Project Officer	Member	3.	Area Engineer (E&M)	Member	4.	Area Civil Engineer	Member	5.	Area Forest Officer	Member	6.	Area Estates Officer	Member	7.	Project Manager	Member	8.	Project Engineer	Member	9.	Project Surveyor	Member	10.	Project Env. Officer	Member	11.	Area Env. Officer	Convener	12.	Sr. Hydro Geologist	Member	13.	Area Survey Officer	Member
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xii.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	<p>Being complied.</p> <p>The funds earmarked for the environmental safeguards are being spent for environmental protection works only and not diverted for any other purpose.</p> <p>An amount of Rs. Lakhs as capital amount and Rs. 461 lakhs as recurring cost was spent to safe gauard environment.</p> <p>The year-wise environmental expenditure is being submitted along with half yearly reports to the ministry</p>																																							

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status
		and its regional office of MoEF&CC.
xiii.	The Project authorities shall 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 seven days 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 the website of the Ministry of Environment, Forest & Climate Change at http://envfor.nic.in .	<p>Complied.</p> <p>It was advertised in two NEWS papers i.e., The Hindu and Sakshi on 28.05.2015.</p> <p>A copy of EC letter was marked on to the member secretary, TGPCB, Hyd.</p> <p>Attachments</p>
xiv.	A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	<p>Complied.</p> <p>A copy of the environmental clearance letter was marked to Kanklapur grampanchayathi.</p> <p>A Copy of EC letter was displayed on company's website i.e. www.scclmines.com Letter</p>
xv.	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Sector and Collector's Office/Tehsildar's Office for 30 days.	<p>Complied.</p> <p>A copy of the environmental clearance letter was displayed on the website of the concerned State Pollution Control Board.</p> <p>The EC letter was also be displayed at the Regional Office, District Industry Sector and Collector's Office/Tehsildar's Office for 30 days.</p>
xvi.	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x	<p>Being complied.</p> <p>A Copy of EC letter was displayed on company's website i.e. www.scclmines.com</p> <p>The compliance status of the stipulated environmental clearance conditions are being uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain.</p>

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status
	(ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters are being displayed at the entrance of the project premises and mine office and in corporate office and on company's website www.scclmines.com
xvii.	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Offices of CPCB and the SPCB.	Being complied. The updated HYMR status of compliance of the stipulated environmental clearance conditions is being submitted (both in hard copy and in e-mail) once in every 6 months to the Regional Office of the Ministry, respective Zonal Offices of CPCB and the TGPCB.
xviii.	The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/ monitoring reports,	Being complied. SCCL is extending full cooperation during inspection of projects by officials of MoEF&CC, Regional Office and providing all the information relating to compliance of EC and CFO conditions and other environmental safeguards taken up by the organization.
xix.	The Environmental statement for each financial year ending 31 March in Form- V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail.	Being complied. The environmental statement for the financial year 2023-24 was submitted vide Ir No: MMR/ENV/R/001/2024/165, Date: 18.09.2024 to the Member Secretary, TGPCB, Hyderabad and to the EE, TGPCB, Regional office, Nizamabad.
4	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.	Agreed to comply All commitments and recommendations made in the EIA / EMP report have been complied with.
5	The commitment made by the Proponent to the issue raised during Public Hearing shall be implemented by the Proponent.	Being Complied The issues raised during the Public Hearing being implemented.
6	The Proponent is required to obtain all necessary	Complied The project operations commenced after

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status															
	clearance/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	<p>obtaining all necessary clearances /approvals. CFE Order No. No.03/TSPCB/CFE/RO-NZM/HO/2015/692, Dt:04.11.2015 & Consent Order No:210523331313, Dt:06.11.2021, valid up to 30.09.2026.</p> <p>If any further conditions are stipulated by the ministry or by any other competent authority for environmental protection, the same will be obeyed & complied.</p> <p>CFE copy was enclosed as Annexure-X</p> <p>CFO copy was enclosed Annexure-XI</p>															
7	The Ministry or any other competent authority may stipulate any further condition for environmental protection.	<p>Agreed to comply</p> <p>If any further conditions if any stipulates by the ministry or any other competent authority for environmental protection, the same will be obeyed & complied.</p>															
8	The Proponent shall setup an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC conditions.	<p>Complied</p> <p>An area level environment audit cell is setup with the following members under the chairmanship of SO to GM of area.</p> <table border="1"> <tr> <th>S.No</th><th>Designation</th><th></th></tr> <tr> <td>1</td><td>SO to GM</td><td>Chairman</td></tr> <tr> <td>2</td><td>Area Engineer (E&M)</td><td>member</td></tr> <tr> <td>3</td><td>DGM(Civil)</td><td>member</td></tr> <tr> <td>4</td><td>Area Env. officer</td><td>member</td></tr> </table> <p>The above audit cell is conducting meeting once in a month and auditing the condition wise compliance status of all the EC conditions. The above audit committees prepare an environment. Audit report and advise project authority to initiate action for compliance of condition(s) of the EC after conducting meeting.</p>	S.No	Designation		1	SO to GM	Chairman	2	Area Engineer (E&M)	member	3	DGM(Civil)	member	4	Area Env. officer	member
S.No	Designation																
1	SO to GM	Chairman															
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9	Concealing factual data or submission of false/fabricated data and 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.	<p>Agreed to comply.</p> <p>Actual data is being submitted</p>															
10	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air	<p>Complied</p> <p>CFE Order No. No.03/TSPCB/CFE/RO-NZM/HO/2015/692, Dt:04.11.2015 & Consent Order No:210523331313, Dt:06.11.2021, valid up to 30.09.2026.</p>															

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Cond. No.	Condition	Compliance Status
	(Prevention & Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of ground water and surface water, and occupational and other diseases due to the mining operations.	<p>CFE copy was enclosed as Annexure-X</p> <p>CFO order copy was enclosed as Annexure-XI</p> <p>PLI policy is being taken every year. The latest PLI policy was taken from The New India Assurance Company bearing no. 550200492510000035, valid from 30.04.2025 to 29.04.2026.</p> <p>PLI policy copy was enclosed as Annexure-XII</p> <p>All measures are being taken to avoid soil contamination, contamination of ground water, surface water, and occupational and other diseases due to the mining operations.</p>
11	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	<p>Complied.</p> <p>No appeal was made within 30 days with the National Green Tribunal.</p>

MoEF & CC O.M.No.22-34/2018-IA.III, dated:16.01.2020.

Sl. No	Condition	Compliance status
6	"The mining lease holders shall, after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc."	<p>Agreed to comply</p> <p>After closing of mining operations, the mining areas and other areas which were disturbed due to mining will be re-grassed and restored to the land to a condition which is fit for growth of fodder, flora, fauna etc.</p>

D. R. [Signature]
 Agent
 KK Group of Mines
 Agent
 KK Group of Mines

A PERIODIC PROGRESS REPORT REGARDING ENVIRONMENTAL PROTECTION
MEASURES TILL 31.03.2025

PART – II

1. Production Details:

Sl. No	Year	Coal (in MTPA)	
		As per EC	Actual
1	2018-19	0.47	0.000791
2	2019-20	0.47	0.042699
3	2020-21	0.47	0.048383
4	2021-22	0.47	0.067
5	2022-23	0.47	0.097
6	2023-24	0.47	0.097
7	2024-25	0.47	0.1175

2. Plantation:

1	No of plants planted during last six months / last year	Nil
2	Area covered in Ha	Nil
3	Expenditure incurred in Rs.lakhs	Nil
4	Total area brought under plantation so far in Ha	23Ha
5	Total no of plants planted so far since inception	35973
6	Species of plants planted	Clones and mixed with native species

Note: Plan along with details of year wise plantation furnished.

3. Water Balance Statement:

Sl. No.	Description	Quantity in KLD
1	Average quantity of water pumped out of the mine	486
2	Water used for drinking/bathing and other industrial requirement	30
3	Water used for washing of HEMM	--NA--
4	Water used for plantation	186
5	Water supplied for nearest township/village for domestic purpose	Nil
6	Excess water let out	150
7	Point of discharge (as per CFO)	On land for irrigation/dust suppression: 7465
8	Discharge as per Consent from TGPCB	Maximum discharge water: 7465 KLD Domestic Waste water: 25 KLD

4. Micro-Meteorological Monitoring:

Micro-Meteorological station was installed on the top of GM's office, Mandamarri. The summary of the monitoring from 01.10.2024 to 31.03.2025 as follows:

S.No	Parameter (s)	Min	Max	Mean
1.	Temperature (°C)	13.3	43.6	25.7
2.	Wind Speed (m/s)	Calm 18.48%	9.0	1.5
3.	Relative Humidity (%)	8.0	99.9	38.6
4.	Predominant Wind direction for the study period	North North West (NNW) direction		
5.	Total Rainfall (mm)	41.0 mm		

5. Air Pollution Control Measures:

- Adequate water spraying arrangements have been made at all working coal faces and galleries. Water spraying is regularly done at loading and unloading places of tippers and bunkers at pit head on surface.
- Water spraying is regularly done by tractor mounted water tanker exclusively engaged to serve the purpose.
- As on now 08 Ha of Block plantation is done. 2.5KM Avenue plantation is also done along the coal transport road
- Coal trucks are being covered with tarpaulins for preventing spillage.
- The underground workings of the mine are well ventilated by adequate ventilation arrangements. The requirements and standards specified in this regard by Director General of Mines Safety (DGMS)

6. Surface Water Quality Monitoring:

Monitoring Data: The summary of the monitoring from 01.10.2024 to 31.03.2025 is enclosed as **Annexure-XIII**

7. Groundwater Quality Monitoring:

Monitoring Data: The summary of the monitoring from 01.10.2024 to 31.10.2025 is enclosed as **Annexure-II**

8. Phreatic surface monitoring: (Range of Water Table): The summary of the monitoring from 01.10.2024 to 31.03.2025 is enclosed as **Annexure-III**

9. Water pollution control Measures:

- The mine discharge water, which may contain coal fines, needs sedimentation, before discharge into the natural water course / open land. The treatment facilities such as sedimentation, filtration and chlorination was provided for mine discharges, so as to conform to the effluent standards as prescribed by MoEF.
- The effluents from service building is being collecting by a sewage system and treatment by means of septic tanks and soak pits. Sewage is discharging after treatment.
- Sewage is being treated in septic tank followed by soak pit for existing townships in Mandamarri Area.

10. Noise Pollution Control Measures:

- The main mechanical ventilator (MV Fan) is provided with evasee which dampens the noise.
- Height of fall has minimized at all coal transfer points and internal lining of bins and chutes were provided.
- Where the high noise intensity working areas / zones earmuffs and earplugs is being providing to the workmen.
- Regular noise level monitoring is being carrying periodically.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

- Management of manpower working in high noise level areas such that the assignment is distributed amongst more persons thereby reducing individual exposure to high noise level to fewer hours in a shift and maintaining equivalent noise level exposure a shift is being complied.
- Extensive plantation of green belt and vegetation along the roads and around the offices to create a barrier and screen between the source and the receiver noise is absorbed and the exposure level is minimized.

11. Revenue Expenditure incurred on Environment Management and Pollution Control Measures:

The Expenditure incurred from October-2024 to March-2025 as follows:

Sl. No	Description	Expenditure (In Rs:)
1	Air Pollution Prevention & Control measures (including free Gas supply of workers)	15,109,299
2	Water Pollution Prevention & Control measures	41,137,124
3	Plantation	17,422,168
4	Water spraying arrangements	5,758,993
5	Water Cess	-
6	CFO fee	-
	Total:	79,427,584

12. Socio-economic Measures:

- i. A common central township is provided on a non coal bearing area and it is maintained with such facilities like dispensary, schools, drinking water supply, market place, recreation clubs, Parks, well lighted approach roads and play ground, dust bins etc., at various places in the colony and it is away from mining activity. Sulabh Complexes are constructed in and around mining colonies in addition to individual toilets provided in quarters.
- ii. Existing no of quarters in Mandamarri area : 8098
- iii. Workers are being educated about the importance of family planning and gets 6 days leave and 182 days for women employees is being given as encouragement
- iv. Arrangements are being made for giving vaccination to children and adults to protect from diseases and steps are taken to eliminate / control Malaria under effective supervision of Health Officer.
- v. All necessary steps are being taken for improving general sanitation of Township/Colony under effective supervision of Health Officer.
- vi. Sports and games are being conducted for workmen and also in the surrounding villages regularly.
- vii. Greenery is being developed in the existing colonies and also avenue plantation along the roads of surrounding villages.
- viii. a) Planting has been done in 70.00 ha with 165700 number of seedlings.
b) 84500 fruit bearing plants were disturbed to surrounding villages and to other departments during 2021 monsoon season.
- ix. Similarly as part of Haritha haram:
 - 500 nos saplings are planted at Muthyampalli village, Kasipet Mandal.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

- 201463 nos of fruit bearing saplings are planted on 26.09.2020 and 17.02.2021 at monkeys food court at KK-5 mine premises.
- 2 nos solar power plants has been installed at Mandamarri area. 1 no 15MW capacity solar power plant (MMR-II) synchronized with TS Transco at Muthyampalli village, Kasipet Mandal, Mancherial district near Kasipet mine on 08.04.2021.
 - 1 no 28 MW capacity solar power plant (MMR-I) synchronized with TS Transco at Mandamarri town, Mancherial district near Kalyan khani no.5 incline on 17.04.2021.
 - Further 63MW solar plants works under progress in surrounding area of Bellampalli and Mandamarri towns in Mancherial district.
- **Welfare measures:** New canteens constructed and inaugurated during the year at Shantikhani Longwall project and Kasipeta-2 Underground Mine Project.
- Installed RO plants at all the mines and departments for supply of purified and hygienic mineral water to all employees.
- Ayurvedic medical camps conducted for benefit of the employees and their family members.
- CPRMS-NE: Health cards issued to Ex Employees -5731.
- HBLIRS availed by 872 employees.
- Swachta Maha & Swachta hi seva 2021, “Swatchatah Pakhwada,” “Swachta hi seva” “Haritha Haram” programmes conducted.
- 2257 persons were donated BLOOD at MVTC, Mandamarri area since 2019.
- Conducted World Yoga Day programme at SCH grounds and other schools of Mandamarri on 21.06.2019 with involvement of 12,141 persons.
- Conducted CIL Athletic meet wherein 10 companies participated in the event.
- SEVA ACTIVITIES; Training given to 9000 persons in various works like Tailoring, Beautician, Maggam works, DCA course, motor driving, Security guard training, Army Training, Volvo driving training etc since starting of seva activities in the company .
- As in the part of welfare measures – civil repairs are being taken up regularly for the benefit of employees, as well to the common public.
- Avenue plantation done in KKOC mine premises (2.5 km) -1000 nos and Kasipet-2 approach road (2.5km) -1733 nos.
- As per Govt. of India, circular **Bharath Ka Amruth Mahotsav** programmes were conducted on the following topics.
 - a) Fruit bearing plants were distributed to the neighbouring villages Yerraguntapalli and Mamidigudem on 20.10.2021.
 - b) 500 nos Jute bags were distributed to the employees on 20.01.2022.
 - c) General awareness programme was conducted on “Plastic waste Management” on 10.02.2022

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

(a) Various training programmes have conducted for unemployed surrounding village people and the details in the year 2018-19.

SI No	Course	Location	Centre	No of persons
1	Computer DCA course	Mandamarri	Maya computer centre	20
2	Motor Driving (LMV)	SRR Motors, Mandamarri	Jendavenkatapur	40
		Dubbagudem	Dubbagudem	
		Mamidigattu	Mamidigattu	
		Sravanpalli	Sravanpalli	
		Adilpet Sarangapalli	Adilpet Sarangapalli	
		Erraguntapalli	Erraguntapalli	
		Dubbagudem	Dubbagudem	
3	Tailoring	Ramakrishnapur	Ramakrishnapur	25
		Mandamarri	Mandamarri	28
		Yapal	Yapal	34
		Kasipet & Somagudem	Kasipet & Somagudem	25
4	Beautician	Ramakrishnapur	Ramakrishnapur	25
		Mandamarri	Mandamarri	25
		Yapal	Yapal	25
		Bellampalli	Bellampalli	20
5	Fashion designing course	Ramakrishnapur	Ramakrishnapur	20
		Mandamarri	Mandamarri	25
		Yapal	Yapal	25
		Bellampalli	Bellampalli	25
6	Meggam work course	Ramakrishnapur	Ramakrishnapur	28
		Mandamarri	Mandamarri	28
		Yapal	Yapal	40
		Bellampalli	Bellampalli	25
Total:				473

(b) Training given to project affected people in the year 2018-19.

S. No	Project affected peoples	Vocational course	No of students
1	Adilpet village (Sravanpalli OCP)	Tailoring course	22
2	Amarawadi, Sheshapelli, Doragaripalli & Kyatanpalli (RKPOCP)	Tailoring course	60
3	Lambadi thanda, Dubbagudem	Tailoring course	25
4	Akenapalli (KKOCP)	Tailoring course	25
5	Mamidigattu (Sravanpalli OCP)	Fashion designing	30
6	Mamidigattu, Kasipet & Muthyampalli (KKOCP)	Beautician	60
7	Mamidigattu, Dubbagudem, Amaravadi & RK-4 gadda (KKOCP, RKOCP & Sravanpalli OCP)	Computer DCA	40
8	Jendavenkatapur, Dubbagudem, Mamidigattu, Sravanpalli, Adilpet, Sarangapalli & Erraguntapalli.	LMV (Driving)	60
9	All Mining Projects, Mandamarri	Army training	51
Total:			373

- c) **To encourage unemployed youth on Entrepreneurs Development Programme for establishment of Ancillary units and from which the products are being utilized in mines and departments and the details are as follow:**

Presently, 13 new entrepreneurs were selected for establish new ancillary units i.e. BPA-3, MM-5 and SRP- 05

Entrepreneur Development Programme was conducted to these 14 candidates from 4th June to 14th June 2012 at Yellandu Club, Mandamarri jointly by the Centurion University, Khadi Gramodyog Vidyalay and Officials from Singareni collieries Co Ltd.,

The units proposed are: Roof bolts – 4 persons, motor winding works – 1, House wiring – 3, GI Canisters – 1, Dog nails, bolts & nuts – 1, Fish plates – 1, Fabrication – 2, GI Wire items – 1

Out of these 14 persons, 13 have applied for loan through Prime Minister's Employment Generation Programme as detailed Below:

For Rs 25 lakh: 4 persons
For Rs 20 lakh: 1 person
For Rs 10 lakh: 2 persons
For Rs 7 lakh: 1 person
For Rs 1 lakh: 5 persons

All the above 13 candidates obtained Vendor codes from SCCo Ltd. and got their proposed firms registration. SCCL had given tenders of order value of Rs:13.43 crores to the Ancillary units during 2017-18.

Singareni Sewa Samithi Course List 2022-23

Sl.No	Name of course	Location	Strength
TAILORING			
01		PH colony	25
02		RKP	25
03		Yapal	25
04		Somagudem	25
BEAUTICIAN			
01		RKP	25
02		MM (Yoga hall)	25
FASHION DESIGNING			
01		RKP	25
02		Yapal	25
03		SCHS ground,MM	25
MAGGAM WORK			
01		RKP	20
02		Adilpet	26
03		Yapal	25
04		Peddana palli	25
Total:			321

Singareni Sewa Samithi training particulars for the year 2023-24

Sl.No	Name of Course	Location of Centre	No of persons
TAILORING			
01		PH colony	49
02		RKP	41
03		Yapal, MM	26
04		Somagudem	24
05		SCHS ground MM	26
BEAUTICIAN			
01		RKP	49
02		SCHS MM (Yoga hall)	40
FASHION DESIGNING			
01		RKP	20
02		Yapal, MM	40
03		SCHS ground, MM	20
04		Sarangapalli village	27
MAGGAM WORK			
01		RKP	20
02		Adilpet	24
03		Yapal, MM	17
04		Peddnapelli	25
05		SCHS ground, MM	19
06		Somagudem	21
COMPUTER COURSE			
01		Maya computer center, Mandamarri Market	20
Total:			508

Singareni Sewa Samithi training particulars for the year 2024-25

SI. No	Name of Course	Location of Centre	No of persons
TAILORING COURSE			
01	Tailoring	RKP (Sewa room)	50
		Adilpet (village)	24
02	Tailoring	SCHS ground MM, (Sewa room)	46
03	Tailoring	Turuka palli ,Village (Sewa room)	25
			145
BEAUTICIAN COURSE			
01	Beautician course	RKP (Sewa room)	27
02	Beautician course	SCHS ground MM. (Sewa room)	55
			82
FASHION DESIGNING COURSE			
01	Fashion designing	Ph colony ,MM	17
02	Fashion designing	SCHS ground MM. (Sewa room)	47
			64
MAGGAM WORK COURSE			
01	Maggam work	RKP (Sewa room)	19
02	Maggam work	SCHS ground (Sewa room), MM	18
03	Maggam work	SCHS ground MM. (Sewa room)	19
			56
COMPUTER CLASSES			
01	COMPUTER	MAYA COMPUTER CENTER, MM	20
			20
		TOTAL	367

Medical camps conducted in nearby villages and the details are as below:

Medical camps/programmes	No of Programmes	No of Beneficiaries
Medical Camps	2	1300
Mobile Medical Services	2	246
School Health Programmes	7	750
Health Awareness Programmes	16	1746

13. Development activities (CSR) under SHAPE Programme in the surrounding villages from 2003-04 to 2008-09:

- a).Towards school building and compound : 21.80 lakhs
- b).Towards drinking water in the surrounding villages
(namely Mandamarri, Amaravadi, Kurmapalli, Kasipet
and Muthyam palli etc) for bore holes, overhead tanks
and pipe lines : 24.50 Lakhs
- c).Towards BT, CC roads, drainages, bridges & street lighting : 498.25 Lakhs
- Total : 544.55 Lakhs**

CSR works for the year 2014-15

S. No.	Description of the work	Amount in Lakhs
1	Miscellaneous civil works to police station building to accommodate CI office room	2.90
2	Drilling of bore holes including fixing of hand pumps under CSR at MM area	2.77
3	White washing and coloring works to police station building at MM area	1.60
4	M&R works to police station building at RKP	1.10
5	Providing dust bins and iron gates to project affected villages of KKOC and sravanapalli OC at Mandamarri area	2.86
6	Providing pipe culvert at Mamidigattu Mandamarri area	2.94
	Total Amount:	14.17

CSR works for the year 2015-16 to 16-17

S. No	Description of the work	Amount in Lakhs
1	Towards CC road and metal road	111.30
2	Towards CC drains	41.00
3	Drilling of bore holes	45.74
4	Construction of overhead tank	30.00
	Total:	228.04

CSR activities taken up during 2017-18:

- 1) **Similarly, during the year 2017-18 the following works are being taken up:**
 - An amount of Rs.189.64 lakhs for CC Drains & development of roads
 - An amount of Rs.60 Lakhs allotted for widening of roads & Central lighting system.
 - Hand Pumps worth Rs.17 Lakhs Construction of Public Toilets worth Rs.19.37 Lakhs and in Bellampalli Town
 - An amount of Rs.162.90 lakhs for CC Drains & Roads.
 - An amount of Rs.100.00 Lakhs for construction of Ambedkar Building
- 2) On 04.02.2018, a mega medical camp was organized at Saranga Palli Village with medical specialists and medical tests were conducted for nearly 1200 persons and necessary treatment was extended for identified persons. In the coming days also, medical camps will be organized in the project affected villages. 81 persons were identified for cataract surgery which will be done at free of cost.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

- 3) Rs.14.55 & Rs.13.44 Crores valuable orders were given to the ancillary units set up by 13 unemployed youth during the years 2016-17 and 2017-18 respectively.
- 4) Company has supplied 55 nos. benches to the schools of nearby villages.
- 5) 14 Unemployed youth were given training in Volvo Truck driving at Bengaluru.
- 6) 87 persons were given training for Army Recruitment.
- 7) Specialized training session has been given to 25 Female & 30 Male unemployed youth so far for police recruitment.
- 8) SCCL authorities have already deposited with District Collector, Mancherial around Rs.215 Crores (from January, 2016 to March, 2018 under D.M.F (District Mineral Foundation) Trust, which will be spent for developments and upliftment of surrounding villages.

CSR works for the year 2018-19:

(Rs in Lakhs)

- | | |
|--|----------|
| 1) Providing second toilet complex at Shanthinagar colony, RK-4 -gadda RKP, MM area | : 9.31 |
| 2) Drilling of 8 nos bore wells with hand pumps to surrounding villages of proposed Kalyanikhani -6 inc project , MM area. | : 2.79 |
| 3) Development works in surrounding habitations of SCCL areas of Bellampalli and Mm area under SHAPE-11-12 programme | : 6.71 |
| 4) Providing development works at Mandamarri and its surrounding villages under CSR programme | : 13.827 |
| 5) Infrastructure development works (laying of Roads and construction of Drains etc.) in the surrounding areas of Mandamarri area, Mancherial District | : 50.876 |
| 6) Laying of CC roads and Drains at Kasipet GP in Mancherial District Works sanctioned under CSR.- Under Corporate Social Responsibility activities (CSR) | : 56.39 |
| 7) Providing infrastructure to Central Nursery at Patha Bellampally, Mancherial dist | : 15.50 |
| 8) Infrastructure development works in Urban areas such as Development of KCR park at Mandamarri town (orregadda) of Mandamarri Mandal –Mancherial dist. | : 200.00 |

CSR works for the year 2019-20:

1. Development works such as laying CC/BT roads construction of open GYM, providing Hy- mast solar light planting trees Bellampalli Assembly constituency. : 200.00
2. Construction of integrated market at Chennur Municipality of Chennur Assembly constituency. : 150.00

CSR works for the year 2021-22:

- 1) Construction of class rooms and toilet blocks at ZPS school at Orregadda, Mandamarri of Chennur constituency, certain balance works to park at Bellampalli Municipal limits. : 100.00

CSR works for the year 2022-23:

Insall CCTV camers in Mandamarri Area for the safety and Security of women/public in Mancheria-Dist. : 10.00
Note no MMR/GMO/G/006/2022/983/5 dt 21.11.2022

CSR works for the year 2023-24:

- 1) Financial support for poor ST students towards School fee and tutor Fees-Ramji gond student home (ST Home) at Bellampalli : 3.00
- 2) Providing Rural development works in the Chennur (SC) constituency : 200.00
- 3) Providing Rural development works in the Bellampalli (SC) constituency : 200.00

CSR works for the year 2024-25:

- 1) Providing Rural development works in the Chennur (SC) constituency : 200.00
- 2) Providing Rural development works in the Bellampalli (SC) constituency : 200.00

14) MINUTES OF THE ENVIRONMENTAL COMMITTEE MEETING

Environmental committee meeting of Kasipet-2 UG held on 13.03.2025 under the Chairmanship of Shri R.Vijaya Prasad, SO to GM, Mandamarri and the following executives were attended.

Sl. No.	Name S/Sri	Designation	Administrative set up
1	R.Vijaya Prasad	SO To GM	Chairman
2	V.Ramadasu	Project officer	Member
3	G.Laxminarayana	Project Manager	Member
4	Y.Venkataramana	Area Engineer(E&M)	Member
5	B. Ramu	Area Civil Engineer	Member
6	Ujjwal Bandopadyaya	ASO(Survey)	Member
7	K.Venkata Reddy	Area Environmental Officer	Convener
8	R.V.Ramana Reddy	Area Manager(Forestry)	Member
9	K.Swapna	Area Estates Officer	Member

At outset, Area Environmental Officer briefed about each condition imposed in Environmental Clearance and for every condition present status reviewed and the ATR vs responsibility of the members is being furnished as under.

Specific conditions:-

S.No	EC condition	Action to be taken	Responsibility
1	(i) The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.	The annual production from the mine should not be more than given in the Environment Clearance.	Sri. G.Laxminarayana Project Manager
2	(xiii) Mining shall be carried out as per statuette at a safe distance from river/nallah following within adjacent to the lease boundary at the time of depillaring, protective bunds and garland drains shall be provided so that no water from the surface enters the subsidence area and the shaft.	The necessary protective bunds and garland drains should be provided, so that no water from the surface enter the mine openings.	Sri. G.Laxminarayana Project Manager Sri.Dussa Prakasha Rao Project Surveyor
3	(xvii) Coal Extraction shall be optimized in areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines &	Sufficient barriers should be left below the agriculture lands, below habitation, HT lines and Water bodies.	Sri.G.Laxminarayana Project Manager Sri.Dussa Prakasha Rao Project Surveyor

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

	beneath road, water bodies, railway track.		
4	(xix) Safety measures and health issues need to be addressed for workers and surrounding villagers.	All workmen working in the mine and the surrounding villagers i.e. Kasipet, Muthyampalli, Chinna Dharmaram etc., to be addressed on the safety measures and the health issues.	Sri.G.Laxminarayana Project Manager Sri.K.Venkata Reddy Area Environmental Officer
5	(xxii) An afforestation plan to be prepared for implementation after stabilization of subsidence.	Plantation should be carried at the project as per Environment Management Plan (EMP).	Sri.G.Laxminarayana Project Manager Sri.R.Venkata Ramana Reddy. Area Forest Officer
6	(xxiii) Water spraying arrangements at loading points and mist spray arrangements are to be provided.	Water spraying arrangements to be effectively provided at the coal bunker and coal yard etc.	Sri.B.Raghu Project Engineer
7	(xxvi) 3-tier plantation should be developed 2 km stretch of road from the mine using native species.	3-tier plantation to be provided along the approach road of the mine.	Sri.R.Venkata Ramana Reddy. Area Forest Officer
8	(xxxii) High root density tree species shall be selected and planted over areas likely to be affected by subsidence.	High root density tree species should be selected and planted over areas likely to be affected by the future depillaring panels.	Sri.G.Laxminarayana Project Manager Sri.R.Venkata Ramana Reddy. Area Forest Officer
9	(xxxiv) Sewage treatment plant shall be installed in the township. ETP shall also be provided for treating workshop and CHP effluents.	The Sewage Treatment Plant (100KLD) to be maintain properly.	Sri.B.Ramu Area Civil Engineer

The above meeting was concluded by expressing thanks to the participants.

15. Environmental Public Hearing Minutes Vs Response/Commitment of Project Proponents

And

Present Status

Date of Public Hearing Conducted: 06-02-2013, 11.00 AM

Venue: Gram Panchayath Office, Kanklapur Village, Kasipet (Mandal), Mancherial (District), TS

Sl. No.	Issue raised by the public	Present status
1	<u>Sri Seeloju Murali, Convenor, Samajika Praja Spandana Vedika, Kasipet:</u> He stated that, the people have been facing acute water problem since 1995. Dug wells are dried up and compensation is still awaited. He requested to assess loss caused to the houses, bore wells, dug wells,	Bore wells were drilled and hand pumps established. Overhead tank was also constructed at

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Sl. No.	Issue raised by the public	Present status
	lands of Kasipet and other villages and release compensation immediately. He requested to postpone the present EPH and reconduct it after explaining the adverse affects of project, fulfilling earlier made promises.	Mutyampalli village.
2	<u>Sri Kampally Sammaih, General Secretary, YSR Trade Union:</u> He stated that closure of the underground mines has necessitated opening of new projects. In this context only the SCCL management has proposed the new project. Coal is a national property and it should be extracted for the country's development. Power generation has become essential in the present day requirements, as improper supply of power is hampering development. There is no other source of prime input to generate power except extracted coal. He requested the SCCL management to fulfill its promises and implement its CSR responsibility in true spirit. It should facilitate schools, medical facilities, drinking water facilities for all the villagers and supported Kasipet-2 Underground Mine.	Mega medical camps and mobile medical camps were organized in the different occasions. Borewells were drilled and hand pumps established at neighboring villages and also overhead water tank was constructed at Muthayampalli village and supplying drinking water regularly.
3	<u>Sri T. Srinivas, State President, IFTU:</u> He stated that the management should undertake new projects after taking care of issues of the villagers and on their consent. The management should explain about the different amenities that will be provided by it and also fulfill the already made promises before starting the new project. The villagers are sacrificing for the development, however no compensation for the land and alternative land is being provided. They should be provided with alternative lands, compensation in time, permanent welfare amenities in the villages, instead of going for temporary arrangements. The villagers are not against the underground mines provided the management paid compensation to the concerned as they suffered the adverse affect of earlier projects under taken by SCCL. All the grievances of the villagers should be properly redressed.	Compensation was paid to land losers. Roads and CC drains were established to all neighboring villages.
4	<u>Sri Golla Rajamallu, Dist.President, Telangana Pariyavarana Parirakshana Samithi:</u> He stressed the importance of environmental protection. The Govt. of India has brought in several environmental Acts time to time to safe guard the nation. He expressed concern about implementing the said rules. Green belt is not being developed by SCCL though they are required to undertake plantation up to 5Kms radius from the mine premises; water pollution is paid no attention, OCPs are reducing employment opportunities while underground mines provided employment to 1500 to 2000 persons. Because of OC activities; villagers are facing problems. Hence he suggested for taking up of underground mines. However, he requested for resolving the issues like drainage, roads, tree plantation, water supply etc as per the Acts concerned.	Green belt was developed in the area of 36.5 Ha including along the roads of the project and villages. For laying of CC roads and drains at Kasipet Grampanchayat in Mancherial district, works sanctioned for Rs: 56.39 Lakhs during the year 2018-19.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Sl. No.	Issue raised by the public	Present status
5	<u>Sri Kanukala Thirupathi, Vice Presudent – SCCL SC/ST Employees Welfare Association, Mandamarri:</u> He stated that SCCL is providing employment to nearly 16000 SC/ST persons. He welcomed the new project as it will enhance employment opportunities. He appealed to give due regard for the villagers coming under the purview of this project and pay compensation to the land losers on priority; provide employment to the land losers. He sought for the provision of a medical college for SC/ST and one university should be established in the vicinity. Before undertaking this project, the villagers should be provided with facilities like water supply, medical facilities, roads etc.	Ayurvedic Medical camp was also conducted in the year 2019-20, in addition to normal medical camps.
6	<u>Sri O. Rajashekar, Area Secretary, TBGKS:</u> He Stated that the villagers expressed the resentment over this EPH. There is justification in the demands of Villagers as no one wanted to part their property/lands: due compensation be paid as per market rate. Govt. land should be allotted to them. Because of SCCL direct & indirect employment is being provided in Mandamarri alone there are about 7000 employees, but more than 50000 civilians are residing there. He assured to stand by the side of the villagers for the cause of their demands. Because of efforts of the TBGKS alone, new underground mines are coming, thereby improving employment opportunities. He however supported the new project while requesting the management not to render any injustice to the land losers.	Training was given to the youth of neighboring villages in various works like DCA course, Motor driving, Security guard training, Army training and Volvo driving training etc, and for the girls were given training in tailoring, beautician, and moggam works.
7	<u>Sri Namani Muthaiah, R/o Mandamarri:</u> He stated that power crisis is there not only in our state but also throughout the country. He narrated the problems due to power shortage, especially on cultivation. It is adversely affecting the agriculture sector and also industrial development is taking back step. He made an appeal for supply of underground water to nearby ponds in the villagers, supply of Godavari water for drinking purpose, supply of power from Jaipur Power Plant to the villagers for uninterrupted power supply and payment of compensation to the land losers while providing employment.	Compensation was paying to land losers. Roads and CC drains were established.
8	<u>Sri Boddula Shankaraiah, R/o Pallamguda:</u> He stated that the underground mine should come. He however requested for facilitation hospital, roads, plantation, payment of compensation to the land losers and also employment to them. If fulfilled, the people will have no objection.	Green belt was developed in the area of 36.5 Ha including along the roads of the project and villages. For laying of CC roads and drains at Kasipet Grampanchayat in Mancherial district, works sanctioned Rs: 56.39 Lakhs during the year 2018-19.
9	<u>Sri J.Srinivas, Branch Secretary, HMS, Mandamarri Devision:</u> He Supported the view expressed by the earlier speakers. He supported the underground mines subject to providing basic amenities to the surrounding villagers. The proposed project will benefit the Pallamguda village in all respects. He opined that underground mines are essential in view of employment opportunities. He advocated the	Compensation was paying to land losers. Roads and CC drains were established.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

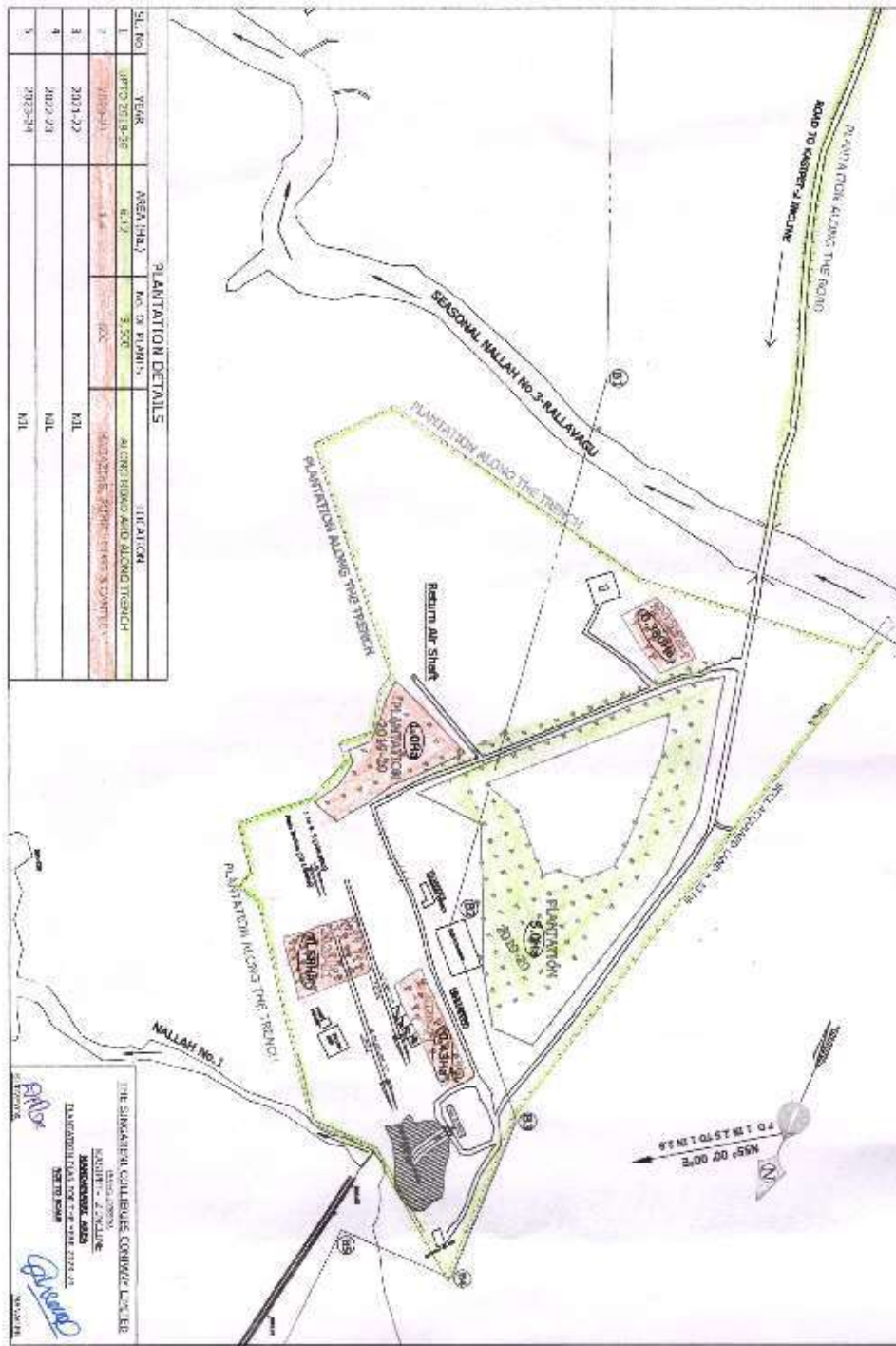
Sl. No.	Issue raised by the public	Present status
	people to resolve their problems by means of dialogue. He requested for compensation to the land losers: due packages should be announced to the villagers. He further requested to avert reoccurrence of prior to 1996 situation. He appealed to the gathering to support starting of new projects.	
10	<u>Sri Banna Ashalu, R/o Kasipet:</u> He stated that this EPH is being arranged to elicit opinions of the Komatichenu, Kanakalapur, Varipet villagers. Some people are complaining that they have not allowed for venting their grievances/problems. He demanded for payment of land compensation @ Rs. 10 Lakhs per acre; provide street lights, and laying of roads. He requested to give a written agreement on these issues while keeping a copy of the same with Grampanchayath Office, Mandal office to ensure that agreed provisions are implemented. He also demanded for employment to one of the family members of land losers; construction of overhead tanks in each village; arranging street lights from SMG cross road to Kasipet mine; and laying of new road at the damaged places. He appealed to operate the SMG dispensary in all 3 shifts; a new dispensary should be started at the village; sanitation should be undertaken in the village. If these arrangements are made, villagers will support the new project.	Roads and CC drains were established. Bore holes were drilled and hand pumps established. Overhead tank was constructed at Mutyampalli village.
11	<u>Sri N. Rajeswara Rao, R/o Pallamguda:</u> He stated that they are sentimentally associated with the village since long time. He added that they have no objection for the underground mine provided their both drinking & cultivation water problems are properly solved. There are about 1510 SC/ST families and a total of 1900 families are in the village. Due to the new project, the SC/ST families will be at the receiving end a they have to lose their lands, face water problem. He made appeal to entering into a written agreement to settle issues like roads, schools, hospitals, compensation etc. He demanded for a special package for Dubbagudem village as every year 10 to 15 children die there due to water-borne diseases. He further requested to divert the mine water into ponds duly purifying the same; construct a high school in the village; provide medical facility on a par with SCCL employees; drainage system; roads; extending technical training to unemployed youth; school bus facility; assurance of management for the development of pallamguda; renovation of damaged temples; extending help through SSS to the mentally challenged children; payment of land compensation @ Rs. 10 Lakhs per acre; provision of employment to family members of the land losers. If these demands are met , the villagers will come forward for opening of Kasipet Underground mine.	Roads and CC drains were established. Bore holes were drilled and hand pumps established. Overhead tank was constructed at Mutyampalli village.

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Sl. No.	Issue raised by the public	Present status
12	<u>Sri Sandra Bhoomaiah, Adivasi Bhunirvasitula sangam, Devapur:</u> He Sought assurance from the management in such a fashion that the villagers will get satisfied and come forward to extend support for the proposed project. He requested for the compensation to the land losers, provision of employment to one of the family members, providing medical facilities, educational facilities, allotting alternative land to the land losers.	Training was given to the youth of neighboring villages in various works like DCA course, Motor driving, Security guard training, Army training and Volvo driving training etc, and for the girls were given training in tailoring, beautician, and meggam works.


 Agent
 KK Group of Mines
 Agent
 KK Group of Mines

PLANTATION PLAN



Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Annexure-II

Ground water quality monitoring data

Groundwater Sampling Locations

Sl. No.	Sampling code	Date of Sampling		Sampling Location	Latitude	Longitude
		1 st Quarter	2 nd Quarter			
1	GW-7	26.09.2024	30.12.2024	Kasipet	N 19°01'47.0"	E 79°25'50.7"
2	GW-8	26.09.2024	30.12.2024	Muthyampalli	N 19°01'36.8"	E 79°26'14.0"

**Physico-Chemical, Bacteriological Characteristics of Groundwater Collected within the Study Area
Organoleptic and Physical Parameters**

S.No.	Parameters	Unit	Test Method	IS: 10500:2012 Requirement (Acceptable Limit)	IS: 10500:2012 Permissible Limit in the absence of alternate source	RESULT	
						GW-7 Kasipet	GW-8 Muthyampalli
1.	Colour	Hazen	2120. B	5	15	5	5
2.	Odour	TON	2150. B	Agreeable	Agreeable	Agree.	Agree.
3.	pH	--	4500-H ⁺ B	6.5 to 8.5	No relaxation	8.5	8.3
4.	Taste	FTN	2160. B	Agreeable	Agreeable	Agree.	Agree.
5.	Turbidity	NTU	2130. B	1	5	0.44	0.26
6.	Total Dissolved Solids at 180° C	mg/l	2540.C	500	2000	528	876

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

General Parameters Concerning Substances Undesirable in Excessive Amounts

S.No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT	
						GW-7 Kasipet	GW-8 Muthyampalli
1.	Calcium as Ca	mg/l	3500-Ca.B	75	200	38	42
2.	Magnesium as Mg	mg/l	3500-Mg.B	30	100	31	30
3.	Chlorides as Cl-	mg/l	4500-Cl-.B	250	1000	110	255
4.	Sulphates as SO42-	mg/l	4500-SO42-.E	200	400	49	75
5.	Fluoride as F-	mg/l	4500-F-.C	1.0	1.5	0.88	0.85
6.	Nitrates as NO3	mg/l	4500-NO3-.B	45	No relaxation	38	44
7.	Total Alkalinity as CaCO3	mg/l	2320. B	200	600	248	310
8.	Total Hardness as CaCO3	mg/l	2340. C	200	600	224	233
9.	Sulphide as H2S	mg/l	4500-S2-F&D	0.05	No relaxation	BDL	BDL
10.	Total Ammonia-N	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BDL	BDL
11.	Phenolic compounds as C6H5OH	mg/l	5530-D	0.001	0.002	BDL	BDL
12.	Residual free chlorine	mg/l	4500-Cl-.B	0.2	1.0	BDL	BDL
13.	Mineral oil	mg/l	IS:3025 (part 39)	1.0	No relaxation	absent	absent
14.	Anionic Detergents (as MBAS)	mg/l	IS:13428:2005K	0.2	1.0	<0.2	<0.2
15.	Aluminium as Al	mg/l	3120-B	0.03	0.2	0.07	BDL
16.	Barium as Ba	mg/l	3120. B	0.7	No relaxation	0.23	0.14
17.	Boron as B	mg/l	3120-B	0.5	2.4	0.17	0.13
18.	Iron as Fe	mg/l	3120-B	1.0	No relaxation	0.47	0.61
19.	Zinc as Zn	mg/l	3120-B	5	15	0.1	0.15
20.	Copper as Cu	mg/l	3120-B	0.05	1.5	BDL	BDL
21.	Manganese as Mn	mg/l	3120-B	0.1	0.3	BDL	BDL
22.	Selenium as Se	mg/l	3120-B	0.01	No relaxation	BDL	BDL
23.	Silver as Ag	mg/l	3120. B	0.1	No relaxation	BDL	BDL

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Parameters Concerning Toxic Substances

S.No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT	
						GW-7 Kasipet	GW-8 Muthyampalli
1	Cadmium as Cd	mg/l	3120-B	0.003	No relaxation	BDL	BDL
2	Cyanide as CN-	mg/l	4500-CN.F	0.05	No relaxation	BDL	BDL
3	Lead as Pb	mg/l	3120-B	0.01	No relaxation	BDL	BDL
4	Molybdenum as Mo	mg/l	3120. B	0.07	No relaxation	BDL	BDL
5	Nickel as Ni	mg/l	3120-B	0.02	No relaxation	BDL	BDL
6	Total Arsenic as As	mg/l	3120-B	0.01	0.05	BDL	BDL
7	Total Chromium as Cr	mg/l	3120-B	0.05	No relaxation	BDL	BDL
8	Mercury as Hg	µg/l	3500-Hg.B	0.001	No relaxation	BDL	BDL
9	<u>Pesticides:</u> α-BHC, β-BHC, γ-BHC, δ-BHC, o, p-DDT, p, p' -DDT, Endosulfan, β- Endosulfan, Aldrin, Dieldrin	µg/l	6630. D	Absent	0.001	ND	ND
	2,4-D, Carbaryl (Carbonate) Malathion Methyl Parathion Anilophos, Chloropyriphos	Qualitative Analysis	6630. D	Absent	0.001	ND	ND
10	Polyaromatic Hydrocarbons (PAH's): Acenaphthene, Acenaphthylene, Anthracene, B(a)A, B(a)P, B(b)F, B(k)F, Pyrene, Dibenz (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-d) Pyrene, Naphthalene, Phenanthrene, Pyrene, Methyl Naphthalene	µg/l	6440.C	-	-	ND	ND

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Bacteriological Quality of Drinking Water

S. No.	Parameters	Unit	Test Method	IS: 10500 Requirement (Acceptable Limit)	IS: 10500 Permissible Limit in the absence of alternate source	RESULT			
						GW-7 Kasipet		GW-8 Muthyampalli	
						1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1	Total Coliforms	MPN/100 mL	9221B	-	-	<1.8	<1.8	<1.8	<1.8
2	Fecal Coliforms	MPN/100 mL	9221 E	-	-	<1.8	<1.8	<1.8	<1.8

NTU – Nephelometric Turbidity Unit; BDL – Below Detection Limit

Detection Limits of Aluminium (Al), Antimony (Sb), Arsenic (As), Barium (Ba), Boron (B), Cadmium (Cd), Chromium (Cr)/Total Chromium, Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Nickel (Ni), Selenium (Se), Silver (Ag), Vanadium (V), Zinc (Zn), Phenols is 0.01mg/L. Detection Limit of Mercury (Hg), Phosphates/Total Phosphates, Nitrites NO₂, Free Ammonia, Total Ammonia is 0.02mg/L. Detection Limits of Potassium (K), Sodium (Na) is 0.03mg/L. Detection Limits of Cyanide (CN), Sulfide (S₂), Hexavalent Chromium Cr+6 is 0.05mg/L. Detection Limits of Nitrates as NO₃, Fluoride is 0.1mg/L. Detection Limits of Residual Free chlorine, Free Available chlorine, O&G is 1mg/L. Detection Limits of Sulfate SO₄⁻², Ammonical Nitrogen, Total Kjeldahl Nitrogen (TKN), COD, Total Nitrogen (TN) is 5mg/L. BOD-3mg/L. ND-Not Detected; Detection Limit: Pesticides– 0.1 ppm; PAHs – 1 ppm.

Annexure-III

Ground Water Levels
(Peizometric & Phreatic Monitoring Data)

ATTITUDE OF PHREATIC SURFACE IN GODAVARI VALLEY COAL FIELD
Area: Mandamarri

Well No.	Name of village	Location	Dimensions (m)	Depth	Period	Year					Nearest mine & dist. (km)
						2021	2022	2023	2024	2025	
1	Sandrallapet	Near temple	2.1	11.0	Winter	8.81	5.45	7.38	7.44	6.80	KSPT
					Pre-monsoon	8.81	8.65	8.86	7.00		
					Monsoon	3.36	3.38	3.47	2.90		
					Post-monsoon	4.57	6.15	7.07	4.75		
2	Sandrallapet	Road side towards village	5.4	8.0	Winter	5.18	2.41	4.38	4.44	3.97	KSPT
					Pre-monsoon	5.18	5.42	4.45	4.88		
					Monsoon	1.64	1.48	1.51	1.35		
					Post-monsoon	2.30	2.18	2.13	2.15		
3	Kasipet	X road	1.5	13.5	Winter	10.89	10.37	9.91	Dry	AB	KSPT
					Pre-monsoon	10.89	12.03	8.75	Dry		
					Monsoon	9.25	7.73	7.51	Dry		2.3
					Post-monsoon	9.36	8.94	8.80	AB		

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Well No.	Name of village	Location	Dimensions (m)	Depth	Period	Year					Nearest mine & dist. (km)
						2021	2022	2023	2024	2025	
4	Kasipet	ward -1	1.0	13.0	Winter	10.96	6.10	9.68	7.64	7.85	
					Pre-monsoon	10.96	9.92	6.35	8.10		
					Monsoon	5.20	2.25	2.30	6.15		
					Post-monsoon	0.70	7.00	6.93	5.75		
6	Muttampalli	Behind mine compound	5.5	10.0	Winter	7.35	6.45	6.27	6.11	6.71	KSPT
					Pre-monsoon	7.54	7.51	6.35	4.77		
					Monsoon	4.25	4.03	4.17	4.50		0.4
					Post-monsoon	6.38	4.78	4.88	3.80		

Note: * indicates new well started adjacent to the previous existing well

NA : Not approachable

NR : Not Recorded

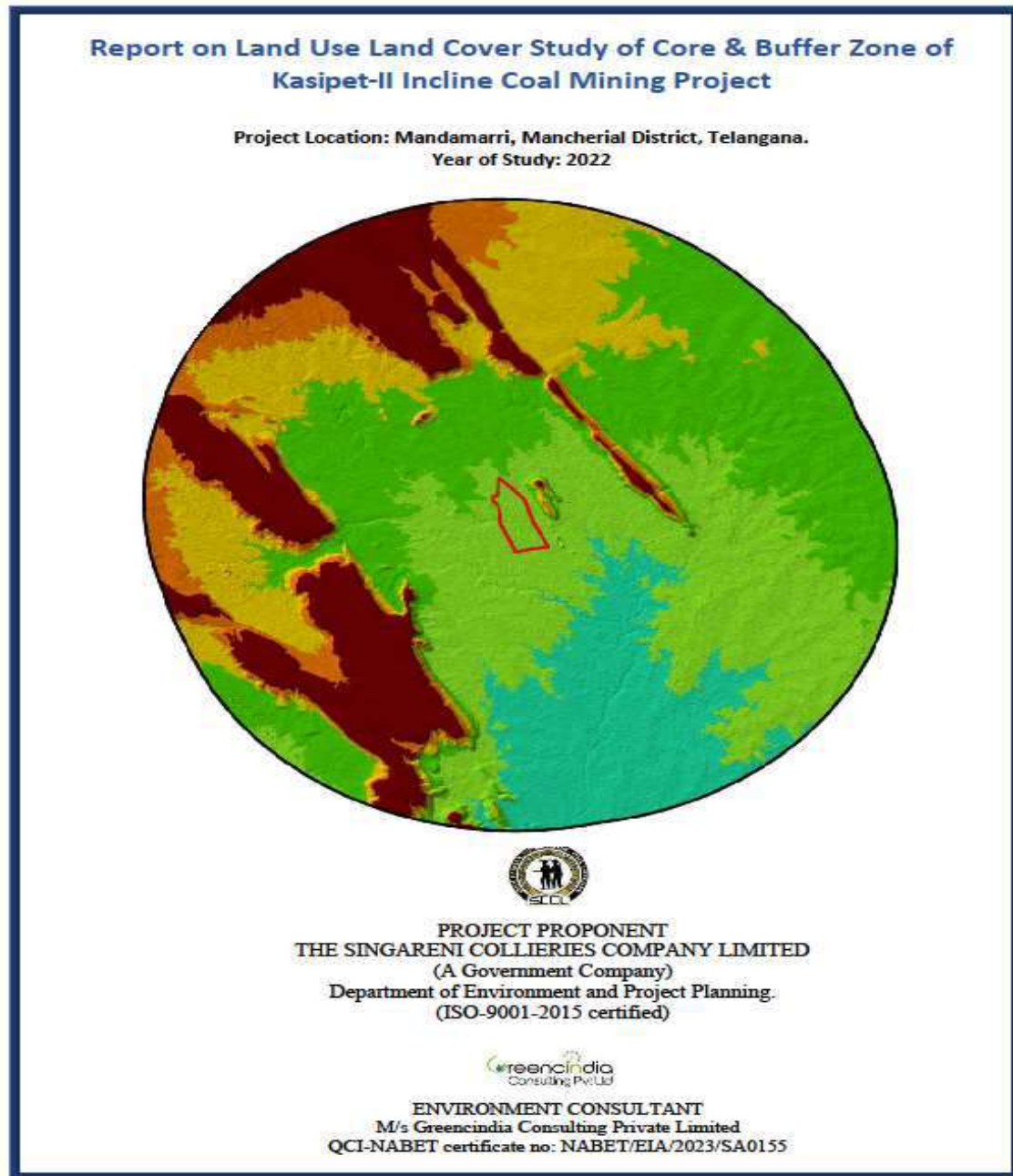
Kasipet-2 Incline HYMR Report from October-2024 to March-2025

ATTITUDE OF PIEZOMETRIC SURFACE IN GODAVARI VALLEY COAL FIELD

Area: Mandamarri

Piezometric well no	Location	Depth (m)	Diameter (m)	Measuring point (m)	Period	Depth to water (m)					
						2020	2021	2022	2023	2024	2025
1	Near Primary School, Pallamguda., 19° 3'25.48"N, 79°24'55.67"E	50	0.10	0.20	Winter	4.58	4.63	3.69	4.68	4.25	4.50
					Pre-monsoon	7.64	7.83	6.48	4.95	5.85	
					Monsoon	3.49	2.15	1.60	2.23	2.35	
					Post-monsoon	4.47	3.61	2.87	3.12	2.86	
2	Adjacent to the Grampanchat, Komatichenu village., 19° 2'51.85"N, 79°25'5.15"E	50	0.10	0.20	Winter	7.56	7.41	7.00	6.72	5.10	7.10
					Pre-monsoon	8.61	8.77	7.63	8.40	8.37	
					Monsoon	6.44	6.26	4.68	6.53	7.15	
					Post-monsoon	7.03	6.88	6.64	7.82	7.20	
3	In the Premises of Primary School, Gundlapad., 19° 2'31.38"N, 79°26'21.31"E	50	0.10	0.20	Winter	7.32	6.21	5.00	5.03	5.33	6.60
					Pre-monsoon	8.51	8.52	8.31	7.00	9.39	
					Monsoon	5.51	4.21	4.10	4.29	4.12	
					Post-monsoon	6.18	4.88	4.28	4.93	4.57	
4	Near Model school, Muthyampalli., 19° 1'57.01"N, 79°25'36.25"E	50	0.10	0.20	Winter	1.48	1.46	1.15	1.07	0.95	2.00
					Pre-monsoon	1.91	1.98	2.40	1.10	2.00	
					Monsoon	0.81	0.55	0.42	0.83	1.50	
					Post-monsoon	1.09	0.87	0.61	0.90	1.40	

LAND USE AND LAND COVER



*Note: Total report was attached to the file

Annexure-V

Environment Policy



The Singareni Collieries Company Limited

Secretarial Department

Ref. No: CRP / CS / 054 / 889

Date: 23.11.2011.


GM (Environment)

The extract of Minute No.505:5:4 of Board of Directors meeting held on 11.11.2011 at Hyderabad is furnished below:

Sub: Environmental Policy of SCCL.

- 5:4. The Board considered the note placed before it. After deliberation the Board accorded approval to the Environmental Policy of SCCL and its objectives as brought out in the note placed before it.

Action taken/ status of implementation on each point of the above minute may be intimated to the undersigned at the earliest as per the guidelines issued by the C&MD vide circular No.CRP/CS/58/200 dt.22.3.2002 for apprising the same to the Board in the next meeting.


G M (C.A) &
Company Secretary

Environmental Policy of SCCL

“To be a role model in protection of environment for sustainable development, SCCL is committed to implement the best global practices in all its operations through prevention / mitigation of pollution, proper disposal / recycling of wastes and bringing awareness among all the stake holders for continual improvement in environmental performance”

Annexure-VI**Air quality monitoring data****Ambient Air Quality Monitoring data from October-2024 to March-2025****Air Monitoring Locations**

Station Code	Name of the Stations	Latitude	Longitude
Core Zone			
CA6	Kasipet-2 Incline	N 19° 03' 26.2"	E 79° 25' 17.5"
Buffer Zone			
BA12	Peddanapalli	N 19° 01' 52.3"	E 79° 27' 46.5"
BA13	Komatichenu	N 19° 02' 26.8"	E 79° 25' 05.2"
BA14	Gundlapadu	N 19° 02' 27.5"	E 79° 26' 20.3"
BA15	Kankalapur	N 19° 03' 54.7"	E 79° 25' 31.5"

Ambient Air Quality at Kasipet-2 Incline (CA6)

Area : Mandamarri **Nature of Area** : Core Zone
Period of Monitoring : October 2024 – March 2025 **Sampling Duration** : 24hrs period

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
Coal mine standards, GSR 742(E), Dated 25.09.2000		250	-	120	120
1.	04.10.2024	164	66.1	15.3	18.4
2.	18.10.2024	160	64.4	14.9	17.8
3.	04.11.2024	163	65.0	15.2	18.2
4.	19.11.2024	168	69.4	15.6	18.7
5.	04.12.2024	175	73.2	16.3	19.1
6.	18.12.2024	167	63.9	15.5	18.7
7.	04.01.2025	162	61.0	14.8	17.6
8.	18.01.2025	157	59.0	14.1	17.4
9.	04.02.2025	152	55.9	14.7	17.0
10.	18.02.2025	148	54.5	14.2	16.9
11.	04.03.2025	150	55.0	14.6	17.2
12.	19.03.2025	155	56.2	15.0	18.0
Min		148.0	54.5	14.1	16.9
Max		175.0	73.2	16.3	19.1
Average		160.1	62.0	15.0	17.9
98 Percentile		173.5	72.4	16.1	19.0

- No standard was specified for PM2.5 in core zone

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Ambient Air Quality at Peddanapalli (BA12)

Area : Mandamarri Nature of Area : Buffer Zone
 Period of : October 2024 – Sampling : 24hrs period
 Monitoring : March 2025 Duration

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated : 18.11.2009		100	60	80	80
1.	04.10.2024	45	21.8	8.3	11.2
2.	18.10.2024	41	20.7	7.7	10.1
3.	04.11.2024	46	22.9	8.1	11.6
4.	19.11.2024	53	26.3	8.6	11.9
5.	04.12.2024	58	28.6	8.9	12.1
6.	18.12.2024	54	26.5	8.0	11.1
7.	04.01.2025	48	24.0	7.6	10.8
8.	18.01.2025	43	22.4	7.2	10.3
9.	04.02.2025	42	21.4	7.8	11.2
10.	19.02.2025	39	20.7	7.1	10.9
11.	04.03.2025	44	21.8	7.9	10.4
12.	19.03.2025	47	22.8	8.9	11.8
Min		39.0	20.7	7.1	10.1
Max		58.0	28.6	8.9	12.1
Average		46.7	23.3	8.0	11.1
98 Percentile		57.1	28.1	8.9	12.1

Ambient Air Quality at Komatichenu (BA13)

Area : Mandamarri Nature of Area : Buffer Zone
 Period of : October 2024 – Sampling : 24hrs period
 Monitoring : March 2025 Duration

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated : 18.11.2009		100	60	80	80
1.	04.10.2024	52	26.1	10.8	13.6
2.	18.10.2024	46	23.3	10.2	13
3.	04.11.2024	50	24.5	10.7	13.8
4.	19.11.2024	55	27.5	11.0	14.1
5.	04.12.2024	62	29.4	11.4	14.7
6.	18.12.2024	56	28.0	10.5	13.5
7.	04.01.2025	51	25.9	9.6	12.8
8.	18.01.2025	47	24.2	8.8	11.4
9.	04.02.2025	44	22.9	9.0	12.3
10.	20.02.2025	41	21.8	8.7	11.8
11.	04.03.2025	46	23.3	9.4	12.5
12.	19.03.2025	49	24.1	9.7	12.9
Min		41.0	21.8	8.7	11.4
Max		62.0	29.4	11.4	14.7
Average		49.9	25.1	10.0	13.0
98 Percentile		60.7	29.1	11.3	14.6

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Ambient Air Quality at Gundlapadu village (BA14)

Area : Mandamarri Nature of Area : Buffer Zone
 Period of : October 2024 – Sampling : 24hrs period
 Monitoring : March 2025 Duration

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated : 18.11.2009		100	60	80	80
1.	03.10.2024	47	23.3	8.9	11.4
2.	17.10.2024	43	22.2	8.2	11
3.	02.11.2024	49	23.8	8.7	11.7
4.	18.11.2024	56	27.8	9.1	12.1
5.	03.12.2024	60	28.3	9.6	12.5
6.	17.12.2024	52	24.5	8.4	11.2
7.	03.01.2025	46	23.3	7.7	10.6
8.	17.01.2025	40	21.2	7.3	10.1
9.	03.02.2025	38	20.0	7.6	10.8
10.	18.02.2025	42	22.0	7.0	10.4
11.	03.03.2025	45	22.9	7.7	10.7
12.	18.03.2025	48	23.4	8.2	11.4
Min		38.0	20.0	7.0	10.1
Max		60.0	28.3	9.6	12.5
Average		47.2	23.6	8.2	11.2
98 Percentile		59.1	28.2	9.5	12.4

Ambient Air Quality at Kankalapur (BA15)

Area : Mandamarri Nature of Area : Buffer Zone
 Period of : October 2024 – Sampling : 24hrs period
 Monitoring : March 2025 Duration

S.No.	Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
NAAQ Standards, CPCB Dated : 18.11.2009		100	60	80	80
1.	04.10.2024	41	21.2	8.2	11.0
2.	18.10.2024	38	20.0	7.8	10.4
3.	04.11.2024	44	21.6	8.4	11.2
4.	19.11.2024	47	22.2	8.9	11.8
5.	04.12.2024	54	26.3	9.3	12.5
6.	18.12.2024	46	23.1	8.7	11.3
7.	04.01.2025	40	20.9	8.1	11.6
8.	18.01.2025	36	18.0	7.8	10.6
9.	04.02.2025	34	17.8	7.0	10.1
10.	21.02.2025	31	16.8	7.5	10.2
11.	04.03.2025	35	17.6	7.2	10.9
12.	19.03.2025	38	18.5	7.7	10.2
Min		31.0	16.8	7.0	10.1
Max		54.0	26.3	9.3	12.5
Average		40.3	20.3	8.1	11.0
98 Percentile		52.5	25.6	9.2	12.3

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Summary of Ambient Air Quality Data Monitoring

Location code	Name of the location	PM ₁₀ (mg/m ³)			PM _{2.5} (mg/m ³)			SO ₂ (mg/m ³)			NO ₂ (mg/m ³)		
Coal mine standards (commenced after 25.09.2000), GSR 742(E), Dated 25.09.2000		250			-			120			120		
CA6	Kasipet-2 Incline	148.0	175.0	160.1	54.5	73.2	62.0	14.1	16.3	15.0	16.9	19.1	17.9

Location code	Name of the location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO ₂ (µg/m ³)		
NAAQ Standards, CPCB Dated: 18.11.2009		100			60			80			80		
Buffer Zone		Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
BA12	Peddanapalli	39.0	58.0	46.7	20.7	28.6	23.3	7.1	8.9	8.0	10.1	12.1	11.1
BA13	Komatichenu	41.0	62.0	49.9	21.8	29.4	25.1	8.7	11.4	10.0	11.4	14.7	13.0
BA14	Gundlapadu	38.0	60.0	47.2	20.0	28.3	23.6	7.0	9.6	8.2	10.1	12.5	11.2
BA15	Kankalapur	31.0	54.0	40.3	16.8	26.3	20.3	7.0	9.3	8.1	10.1	12.5	11.0

Annexure-VII

Noise Quality Monitoring Data

Noise Monitoring Locations

Station Code	Name of the Stations	Latitude	Longitude
Core Zone			
CN10	Kasipet -2 Pit Office	N 19° 03' 26.2"	E 79° 25' 17.5"
Buffer Zone			
BN7	Kasipet Village	N 19° 01' 47.2"	E 79° 25' 50.7"
BN8	Muthyampalli Village	N 19° 01' 36.8"	E 79° 26' 14.0"

Summary of Noise Levels

Location Code	Monitoring stations	Standard limits of Noise		October-2024 1 st Fortnight			October-2024 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 Pit Office	75	70	04.10.2024	58.8	49.7	18.10.2024	58.5	49.1
Buffer Zone									
BN7	Kasipet Village	55	45	03.10.2024	48.0	38.2	18.10.2024	48.6	38.8
BN8	Muthyampalli Village	55	45	03.10.2024	48.0	38.2	17.10.2024	47.6	37.7

Note: 1. Day time is reckoned in between 6 a.m and 10 p.m 2. Night time is reckoned in between 10 p.m and 6 a.m

Location Code	Monitoring stations	Standard limits of Noise		November-2024 1 st Fortnight			November-2024 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 Pit Office	75	70	04.11.2024	58.0	48.9	19.11.2024	57.8	48.2
Buffer Zone									
BN7	Kasipet Village	55	45	04.11.2024	48.1	38.2	19.11.2024	47.5	37.8
BN8	Muthyampalli Village	55	45	02.11.2024	47.1	37.3	18.11.2024	46.8	37.0

Note: 1. Day time is reckoned in between 6 a.m and 10 p.m 2. Night time is reckoned in between 10 p.m and 6 a.m

Location Code	Monitoring stations	Standard limits of Noise		December-2024 1 st Fortnight			Decmer-2024 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 Pit Office	75	70	04.12.2024	58.2	48.7	18.12.2024	58.8	49.2
Buffer Zone									
BN7	Kasipet Village	55	45	04.12.2024	48.0	38.3	18.12.2024	48.5	38.7
BN8	Muthyampalli Village	55	45	03.12.2024	47.5	37.8	17.12.2024	48.1	38.1

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Location Code	Monitoring stations	Standard limits of Noise		January-2025 1 st Fortnight			January-2025 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 Pit Office	75	70	04.01.2025	58.1	48.8	18.01.2025	57.9	48.1
Buffer Zone									
BN7	Kasipet Village	55	45	04.01.2025	47.6	37.9	18.01.2025	47.0	37.2
BN8	Muthyampalli Village	55	45	03.01.2025	47.7	37.7	17.01.2025	47.2	37.1

Location Code	Monitoring stations	Standard limits of Noise		February-2025 1 st Fortnight			February-2025 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 Pit Office	75	70	04.02.2025	58.3	48.6	19.02.2025	58.9	49.0
Buffer Zone									
BN7	Kasipet Village	55	45	04.02.2025	47.9	37.7	21.02.2025	48.2	38.0
BN8	Muthyampalli Village	55	45	03.02.2025	47.8	37.6	17.02.2025	48.0	38.2

Location Code	Monitoring stations	Standard limits of Noise		March-2025 1 st Fortnight			March-2025 2 nd Fortnight		
				Noise levels in dB (A)					
		Day time	Night time	Date of Sampling	Leq Day	Leq Night	Date of Sampling	Leq Day	Leq Night
Core Zone									
CN10	Kasipet- 2 pit office	75	70	04.03.2025	59.1	49.5	19.03.2025	59.5	49.9
Buffer Zone									
BN7	Kasipeta Village	55	45	04.03.2025	48.6	38.4	19.03.2025	49.0	38.8
BN8	Muthyampalli Village	55	45	03.03.2025	48.5	38.6	18.03.2025	48.9	39.0

Note: 1. Day time is reckoned in between 6 a.m and 10 p.m 2. Night time is reckoned in between 10 p.m and 6 a.m

Annexure-VIII**Mine Discharge Effluents monitoring data****Effluents sampling locations**

Sl. No.	Sample code	Name of the Location	Latitude	Longitude
1.	EW15	Kasipet 2 Mine Discharge	N 19° 03' 24.0"	E 79° 25' 20.8"

Characteristics of Effluents – Kasipet 2 Mine Discharge (EW15)

Sl. No.	Date of Sampling	pH	TSS at 105°C	TDS at 180°C	COD	BOD	Oil & Grease
	Unit	--	mg/L	mg/L	mg/L	mg/l	mg/L
	Test Method	4500-H ⁺ B	2540-D	2540-C	5220-D	IS 3025	5520-B
	MoEF GSR 742 (E) and GSR 801(E) Effluent Standards for coal mines	5.5 to 9.0	100	--	250	30	10
1.	15.10.2024	7.9	28	609	19	3.4	<1
2.	31.10.2024	7.4	39	595	16	2.4	<1
3.	15.11.2024	7.2	24	682	27	3.3	<1
4.	30.11.2024	7.3	36	833	24	2.6	<1
5.	13.12.2024	7.7	28	815	32	4.1	<1
6.	31.12.2024	7.8	35	748	23	2.5	<1
7.	12.01.2025	7.5	26	691	20	3.2	<1
8.	31.01.2025	7.7	18	785	35	3.8	<1
9.	15.02.2025	7.9	24	943	28	3.2	<1
10.	28.02.2025	7.1	31	879	32	4.4	<1
11.	13.03.2025	7.6	27	711	24	3.2	<1
12.	29.03.2025	8.1	41	665	20	2.4	<1

Annexure-IX**AREA WORKSHOP EFFLUENTS QUALITY REPORT****Characteristics of Effluents – Area Workshop ETP Outlet (EW16)**

Sl. No.	Date of Sampling	pH	TSS at 105°C	TDS at 180°C	COD	BOD	Oil & Grease
Unit		--	mg/L	mg/L	mg/L	mg/l	mg/L
Test Method		4500-H ⁺ B	2540-D	2540-C	5220-D	IS 3025	5520-B
MoEF GSR 742 (E) and GSR 801(E) Effluent Standards for coal mines		5.5 to 9.0	100	--	250	30	10
1.	15.10.2024	8.1	73	968	67	15.5	2
2.	31.10.2024	7.7	69	1150	56	16.2	2.2
3.	15.11.2024	7.9	58	1006	49	10.5	2
4.	30.11.2024	7.6	75	1232	64	15.6	2.8
5.	13.12.2024	7.8	69	1192	56	13.2	1.2
6.	31.12.2024	7.7	52	1319	47	11.8	<1
7.	12.01.2025	7.8	64	1085	60	15.4	2.4
8.	31.01.2025	7.2	59	1244	51	12.2	2.8
9.	15.02.2025	7.7	70	1012	68	15.4	2
10.	28.02.2025	7.2	52	1354	40	9.4	2.4
11.	13.03.2025	7.5	43	1169	56	13.3	2.6
12.	29.03.2025	7.8	69	1029	48	12.6	1.8



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887560
Fax: 040 - 23815631
Website: www.tspcb.ap.gov.in

REGD. POST WITH ACK. DUE

(35)

CONSENT ORDER FOR ESTABLISHMENT

(3-11-2015)

Order No. 03/TSPCB/CFE/RO-NZM/HO/2015 1692

Dt. 04.11.2015

- Sub:** PCB - CFE - M/s. Singareni Collieries Co. Ltd., Kasipet - 2 Incline coal mining project, Kankalapur (V) Kasipet (M), Adilabad District - Consent for Establishment of the Board to establish **incline underground coal mining project** under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec 21 of Air (P&C of P) Act, 1981 - Issued - Regd.
- Ref:** 1) Environmental Clearance dt. 11.05.2015 issued by MOEF, GOI
2) Industry's application dt. 27.08.2015
3) R.O's inspection report dt. 12.08.2015
4) CFE Committee meeting held on 05.10.2015

1. In the reference 2nd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) of the Board to establish **incline underground coal mining project** to produce the following with installed capacities as mentioned below with a project cost of Rs. 60.18 Crores

S.No	Products / Activity	capacity
1.	Coal	0.47 MTPA

2. As per the application, the above activity is to be located at Kankalapur (V) Kasipet (M), Adilabad District in an area of 206 Ha.
3. The above site was inspected by the Environmental Engineer & Asst. Environmental Engineer, Regional Office, Nizamabad, T.S. Pollution Control Board, on 03.08.2015 and found that the site is surrounded by
- North** : Pallemguda chenuva
South : Existing Kasipet incline mine lease area.
East : vacant land followed by hillocks
West : Agricultural lands.
4. The Board after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT** to establish **incline underground coal mining project** under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. This order is issued to **manufacture the products as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
 Fax: 040 - 23815631
 Website: tspcb.cgg.gov.in

CONSENT ORDER (RENEWAL)
RED CATEGORY

Consent Order No : 210523331313

Date : 06.11.2021

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, (hereinafter referred to as 'the Acts', 'the Rules' and the rules and orders made there under to **M/s. Singareni Collieries Co. Ltd., Kasipet-2 Incline Mine, Mandamarri Area, Mandamarri (V & M), Mancherla District** (hereinafter referred to as 'the Applicant /Industry') and the mine is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below,

i) Out lets for discharge of Effluents :

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
1	Excess Mine discharge water - 5900 KLD + Water for Stowing Purpose - 1565 KLD	7465	Shall be used for Domestic purposes, washing, dust suppression, sand stowing, plantation and excess water shall be discharged into nearby irrigation tanks, duly conforming to the inland surface water standards as per E (P) Rules, 1986.
2	Domestic wastewater & others	25	Shall be treated in STP and treated water for irrigation.

This consent order is valid for Mining of Coal in Mine lease area of 206 ha. for the following capacity only.

Sl. No.	Line of activity	Capacity
1	Coal (Underground mining)	0.47 million TPA

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This order of Consents is valid for a period upto 30th September, 2026.


Sd/-
MEMBER SECRETARY

To
M/s. Singareni Collieries Co. Ltd.,
Kasipet-2 Incline Mine,
Mandamarri Area, Mandamarri (V & M),
Mancherla District

///T.C.F.B.O///

B. B. Girish
SENIOR ENVIRONMENTAL ENGINEER (FAC)

PUBLIC LIABILITY INSURANCE ORDER COPY

पॉलिसी अनुसूची/ Policy Schedule-Public Liability Insurance Act			
पॉलिसी संख्या / Policy Number: 550200492510000035		व्यवसाय स्रोत/ Business Source: 550200	
जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड/ Office Code: 550200 कार्यालय पता/ Office Address: HYDERABAD BUSINESS OFFICE II CSR Plaza,D No. 6-3- 347/9/4,,2nd Floor,Dwarakapuri Colony,Punjabgutta, - 500082. राज्य कोड/State Code: 36 , Telangana जीएसटीएन/GSTIN: 36AAACN9967E6Z2 संपर्क संख्या/Contact Number: 40 23401398 मोबाइल संख्या /Mobile Number: 0		विक्रय चैनल विवरण/ Sales Channel Details कोड/ Code: 550200 नाम/ Name: Hyderabad Division II संपर्क संख्या/Contact Number: Customer Care Toll Free Number: 1800 345 0330 email:customer.support@nic.co.in	


ग्राहक का नाम/Customer Name: MS THE SINGARENI COLLIERIES CO LTD पता/ Address: CORPORATE FINANCE & ACCOUNTS DEPARTMENT, P.O. KOTHAGUDEM COLLIERIES, BHADRACHALAM ROAD RLY STN(S C RLY), BHADRADRI KOTHAGUDEM DISTRICT, TELANGANA, शहर/City: KOTHAGUDEM, जिला/District: KHAMMAM, राज्य/State: TELANGANA, पिन/ PIN: 507101. सेल/Cell: *****11		ग्राहक आईडी/ Customer ID: 9510115064	पैन/ PAN: *****3F
		फोन/ Phone: *****11	
		ई-मेल/ E-Mail: *****rp@scclmines.com	

पॉलिसी प्रभावी समय घंटे को Policy Effective from 00:00 hours, on 30/04/2025 की मध्य रात्रि तक प्रभावी/to midnight of 29/04/2026 .			
प्रीमियम /Premium	₹ 48,981.88	कवर नोट संख्या तथा तिथि/ Cover Note Number and Date	NA
सीजीएसटी/CGST	₹ 4,408.00	प्रस्ताव संख्या और तिथि /Proposal Number and Date 8800240506182484 दिनांक/Dt. 03/03/2025	
एसजीएसटी/यूटीजीएसटी SGST/UTGST	₹ 4,408.00		
आईजीएसटी/IGST	₹ 0.00		
कम:जीएसटी टैडीएस / Less:GST TDS	₹ 0.00		
वसूली योग्य स्टाम्प शुल्क / Recoverable Stamp Duty	₹ 0.00	रसीद संख्या और तिथि/ Receipt Number and Date	550200812510000273 दिनांक/Dt. 29/04/2025
कुल राशि/ Total Amount*	₹ 1,06,781.00	पिछली पॉलिसी संख्या तथा समाप्ति तिथि/ Previous Policy Number and Expiry Date	550200492410000034 and Dt.29/04/2025
(रुपये /Rupees One Lakh Six Thousand Seven Hundred Eighty One केवल/Only.)			
* पर्यावरण राहत कोष /*Environment Relief Fund: ₹ 48,982.12			

Insurance Details: Policy Effective from 00:00 hours, on 30/04/2025 to midnight of 29/04/2026	
PLI act Premium	3,63,356.20
Service tax	0.00
Recoverable stamp duty	0.00
ERF premium	3,63,356.20
Total amount	7,26,712.40

Retroactive date:	30/04/2023
Description of risk	PLI ACT POLICY -HAZAROUDS SUBSTANCES HANDLED & GROUP SUCH AS EXPLOSIVES, OIL, LUBRICANTS, GASES, TIMBER AND OTHER HAZARDOUS MATERIAL.
Paid up capital/Market Value of Asset/stock:	1,00,00,000.00
Liability:Any one accident(AOA):	5,00,00,000.00
Any one year(AOY):	15,00,00,000.00

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

<p>पोलिसी अनुसूची/ Policy Schedule-Public Liability Insurance Act</p>			
<p>पोलिसी संख्या / Policy Number: 550200492510000035</p>		<p>व्यवसाय स्रोत/ Business Source: 550200</p>	
<p>जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड/ Office Code: 550200 कार्यालय पता/ Office Address: HYDERABAD BUSINESS OFFICE II CSR Plaza,D No. 6-3- 347/9/4,,2nd Floor,Dwarakapuri Colony,Punjagutta, - 500082. राज्य कोड/State Code: 36 , Telangana जीएसटीएन/GSTIN: 36AAACN9967E6ZZ संपर्क संख्या/Contact Number: 40 23401398 मोबाइल संख्या /Mobile Number: 0</p>		<p>विप्रेत चैनल विवरण/ Sales Channel Details कोड/ Code: 550200 नाम/ Name: Hyderabad Division II संपर्क संख्या/Contact Number: Customer Care Toll Free Number: 1800 345 0330 email:customer.support@nic.co.in</p>	
Ratio of AOA:AOY:		1:3	
Sum Insured:		5,00,00,000.00	
Annual turn over:		3,54,25,20,00,000.00	

Clauses	As per Annexure.I
<p>टिप्पणियां/ Remarks: PUBLIC LIABILITY INSURANCE (ACT) POLICY</p> <p>VARIOUS TRANSPORT & STORAGE LOCATIONS OF SCCL (ALL AREAS) LIKE : KOTHAGUDEM, YELLANDU, MANUGURU, RAMAGUNDAM -I, RG-II, RG-III, BHOOPALPALLI, BELLAMPALLI, MANDAMARRI, SRIRAMPUR & CORPORATE , TELANGANA STATE.</p> <p>NUMBER OF WORKMEN EMPLOYEES :40762</p> <p>ESTIMATED ANNUAL TURNOVER PROPOSED : RS.35425.20 CRORES</p> <p>PREVIOUS YEAR TURNOVER : RS.31800.73 CRORES</p> <p>AOA: 5 CRORES</p> <p>AOY : 15 CRORES (1:3)</p> <p>जिसकी गवाही में 02/May/2025 को उपरोक्त उल्लिखित कार्यालय पते पर अधोहस्ताक्षरी को विधिवत अभिकृत किया जा रहा है उसके हाथ निर्धारित किए जाएंगे। यह अनुसूची, संलग्न पोलिसी, खण्ड, पृष्ठांकन और पोलिसी शर्तों, जो कंपनी वेबसाईट https://nationalinsurance.nic.co.in पर उपलब्ध है, को एक अनुबंध के रूप में एक साथ पढ़ा जाए तथा कोई भी शब्द या अभिव्यक्ति जिसके लिए यह विशिष्ट अर्थ पोलिसी या अनुसूची के किसी भी हिस्से में संलग्न किया गया हो, एक ही अर्थ वहन करेगा चाहे जहाँ भी उल्लिखित हो। यह आश्वासन दिया जाता है कि प्रीमियम चेक की अस्वीकृति के मामले में, यह दस्तावेज स्वतः आरंभ से ही निरस्त मानी जाएगी। /IN WITNESS WHEREOF, the undersigned being duly authorized hereunto set his/ her hand at the office address mentioned above, this 02/May/2025. This schedule, the attached policy, the clauses, the endorsements and policy wordings as available in the website https://nationalinsurance.nic.co.in shall be read together as one contract and any word or expression to which the specific meaning has been attached in any part of this policy or of the schedule shall bear the same meaning wherever it may appear. It is warranted that IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'</p> <p>इंश्योरेंस इंशियालिमिटेड ओम्बुड्समैन का विवरण/Ombudsman Details: Office of the Insurance Ombudsman,5-2-46, 1st floor, Molin Court, Lane Opp. Hyundai Showroom, A. C. Guards, Lakdi-Ka-Pool, Hyderabad - 500 004. Tel.: 040 - 23312122 / 23376991/ 23376599 / 23328709/23325325 Email: bimalokpal.hyderabad @cloins.co.in.</p>	

इंश्योरेंस इंशियालिमिटेड ओम्बुड्समैन का विवरण/Ombudsman Details: Office of the Insurance Ombudsman,5-2-46, 1st floor, Molin Court, Lane Opp. Hyundai Showroom, A. C. Guards, Lakdi-Ka-Pool, Hyderabad - 500 004.
Tel.: 040 - 23312122 / 23376991/ 23376599 / 23328709/23325325
Email: bimalokpal.hyderabad @cloins.co.in.

स्टॉप व्यूटी
Stamp
Duty:
(₹ 0.25)

कृते नेशनल इंश्योरेंस कंपनी लिमिटेड/
For and on behalf of National
Insurance Company Limited
अधिकृत हस्ताक्षरकर्ता/ Authorized Signatory

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

टैक्स इनवॉयस/TAX INVOICE

इनवॉयस क्र.सं./Invoice Serial No: 30602L5PE0000035

इनवॉयस तिथि/Invoice Date: 02/05/2025

आपूर्तिकर्ता का विवरण/Details of Supplier:

नेशनल इन्श्योरेंस कंपनी लिमिटेड/National Insurance Company Limited.,
HYDERABAD BUSINESS OFFICE II CSR Plaza,D No. 6-3-347/9/4,,2nd Floor,Dwarakapuri Colony,Punjabgutta, - 500082
राज्य/State : 36 , Telangana
जीएसटीआयन नंबर/
GSTIN No : 36AAACN9967E6ZZ

प्राप्तकर्ता का विवरण/Details Of Receiver : MS THE SINGARENI COLLIERIES CO LTD

पता/Address : CORPORATE FINANCE & ACCOUNTS DEPARTMENT, PO. KOTHAGUDEM COLLIERIES, BHADRACHALAM ROAD RLY STN(S C RLY),
KOTHAGUDEM,
KOTHAGUDEM,
जिला/District: KHAMMAM,
राज्य/State: TELANGANA,
पिन/PIN: 507101.

आपूर्ति का स्थान/Place Of

Supply State : Telangana

राज्य कोड/State Code : 36

जीएसटीआयन नंबर/GSTIN No : 36AAACT8873F1Z1

युआयएन नं./UIN No : NA

रीक कोड/SAC Code	सेवा का विवरण/Description of Service	कुल/Total(₹)	छूट/Disco unt	टैक्स योग्य/मूल्य/Taxable Value(₹)	सीजीएसटी की रशि/CGST		एसजीएसटी/यूटीजीएसटी/SGST/UTGST		आईजीएसटी/IGST		Kerala Flood Cess रशि/Amount(₹)
					दर/Rate	रशि/Amount(₹)	दर/Rate	रशि/Amount(₹)	दर/Rate	रशि/Amount(₹)	
997139	Other non-life insurance services (excluding reinsurance services)	48,982	0%	48,982	9%	4,408	9%	4,408	0%	0	0
TOTAL		48,982		48,982		4,408		4,408		0	0

कुल इनवॉयस मूल्य (अंकों में)Total Invoice Value (In figures) : ₹ 1,06,781

कुल इनवॉयस मूल्य (शब्दों में)Total Invoice Value (In words) : रुपये/Rupees One Lakh Six Thousand Seven Hundred Eighty One केवल/Only.

रिवर्स चार्ज के अधीन टैक्स की रशि/ Amount of Tax Subject to Reverse Charge : No

E.&O.E

कृते नेशनल इन्श्योरेंस कंपनी लिमिटेड/

For and on behalf of National Insurance Company Limited

अधिकृत हस्ताक्षरकर्ता/ Authorized Signatory



दिनांक को मुद्रित/Printed on 02/05/2025 आईडी द्वारा/by ID: 56187, AID : 56214

पृष्ठ सं./Page no: 3

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Annexure-XIII

Surface water quality monitoring data

Surface Water Sampling Locations

Sl. No.	Sampling code	Date of Sampling		Sampling Location	Latitude	Longitude
		1 st Quarter	2 nd Quarter			
1	SW-7	26.09.2024	30.12.2024	Devapur U/S	N 19°02'30.7"	E 79°22'44.3"
2	SW-8	26.09.2024	30.12.2024	Devapur D/S	N 19°01'41.5"	E 79°25'56.1"

Physico-Chemical and Bacteriological Characteristics of Surface Water

Physico-Chemical and Bacteriological Characteristics of Surface Water as per CPCB Water Quality Criteria

Sl.No	Parameters	Unit	Test Method	CPCB Water Quality Criteria					RESULT			
				Class A	Class B	Class C	Class D	Class E	SW-7 Devapur Vagu U/S		SW-8 Devapur Vagu D/S	
									1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1	pH	-	4500-H ⁺ B	6.5-8.5	6.5-8.5	6.0 – 9.0	6.5-8.5	6.0-8.5	8.0	8.2	7.5	8.3
2	Electrical Conductivity	µmhos/cm	2510-B	-	-	-	-	2250 µmhos/cm	645	448	1100	510
3	Dissolved Oxygen (DO)	mg/L	4500-O.C	6 mg/l or more	5 mg/l or more	4 mg/l or more	4 mg/l or more	-	6.2	5.2	6.0	5.4
4	Bio chemical Oxygen Demand (3 days 27° C)	mg/L	IS: 3025	2 mg/l or less	3 mg/l or less	3 mg/l or less	-	-	2.8	2.8	3.0	2.6
5	Total Coliforms	MPN/100mL	9221B	50 or less	500 or less	5000 or less	-	-	240	240	350	170
6	Free Ammonia (as N)	mg/L	4500-NH ₃ -F	-	-	-	1.2 mg/L or less	-	BDL	BDL	BDL	BDL
7	Boron as B	mg/L	3120-B	-	-	-	-	Less than 2 mg/L	0.1	0.13	0.12	0.14
8	SAR	-	-	-	-	-	-	Less than 26	1.02	3.21	1.00	2.49

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

Physico-Chemical Characteristics of Surface Water at Selected Locations in the Study Area

S. No	Parameters	Unit	Test Method	SW-7 Devapur Vagu U/S		SW-8 Devapur Vagu D/S	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
1.	Colour	Hazen	2120. B	10	10	5	10
2.	Odour	TON	2150. B	No odour observed	No odour observed	No odour observed	No odour observed
3.	Temperature	°C	2550. B	25.4	25.8	25.4	25.8
4.	Turbidity	NTU	2130. B	9.8	3.23	6.7	3.18
5.	Total Dissolved Solids at 180° C	mg/L	2540.C	388	448	675	510
6.	Total Suspended Solids at 105° C	mg/L	2540. D	12	12	10	16
7.	Chemical Oxygen Demand	mg/L	5220. D	16	20	20	16
8.	Calcium as Ca	mg/L	3500-Ca.B	48	30	80	46
9.	Magnesium as Mg	mg/L	3500-Mg.B	35	22	67	31
10.	Sodium as Na	mg/L	3500-Na.B	38	95	50	89
11.	Potassium as K	mg/L	3500-K.B	2	3.4	10.2	3.15
12.	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ .B	45	45	100	37
13.	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻ .E	58	37	90	33
14.	Fluoride as F ⁻	mg/L	4500-F ⁻ .C	0.58	0.81	0.44	0.59
15.	Nitrates as NO ₃	mg/L	4500-NO ₃ ⁻ .B	9.5	15.3	17.3	15.5
16.	Nitrites as NO ₂	mg/L	4500-NO ₂ ⁻ .B	BDL	BDL	BDL	BDL
17.	Total Phosphates	mg/L	4500-P-D	0.05	BDL	0.08	BDL

Kasipet-2 Incline HYMR Report from October-2024 to March-2025

S. No	Parameters	Unit	Test Method	SW-7 Devapur Vagu U/S		SW-8 Devapur Vagu D/S	
				1 st Quarter	2 nd Quarter	1 st Quarter	2 nd Quarter
18.	Ammonical Nitrogen as NH ₃ -N	mg/L	4500-NH ₃ -C	BDL	BDL	BDL	BDL
19.	Phenolic compounds as C ₆ H ₅ OH	mg/L	5530-D	BDL	BDL	BDL	BDL
20.	Oil & Grease	mg/L	5520. B	<1	<1	<1	<1
21.	Carbonates as CO ₃	mg/L	2320. B	Nil	Nil	Nil	Nil
22.	Bi-carbonates as HCO ₃	mg/L	2320. B	235	320	400	410
23.	Fecal Coliforms	MPN/100mL	9221 E	22	34	110	12
24.	Zinc as Zn	mg/L	3120. B	0.08	0.12	0.11	0.15
25.	Iron as Fe	mg/L	3120. B	0.62	0.46	0.48	0.61
26.	Arsenic as As	mg/L	3120. B	BDL	BDL	BDL	BDL
27.	Lead as Pb	mg/L	3120. B	BDL	BDL	BDL	BDL
28.	Cadmium as Cd	mg/L	3120. B	BDL	BDL	BDL	BDL
29.	Total Chromium as Cr	mg/L	3120. B	BDL	BDL	BDL	BDL
30.	Nickel as Ni	mg/L	3120. B	BDL	BDL	BDL	BDL
31.	Copper as Cu	mg/L	3120-B	BDL	BDL	BDL	BDL
32.	Selenium as Se	mg/L	3120-B	BDL	BDL	BDL	BDL