

**CHINTALPUDI SECTOR A1 BLOCK SUMMARY  
PART A**

Sl. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	<b>Chintalpudi Sector A1</b>
	Latitude	17° 5' 15" N-17° 8' 11" N (Provisional)
	Longitude	80° 57' 47" E-80° 59' 53" E (Provisional)
	Topo Sheet No.	65 C/16
	Coalfield	Pranhita Godavari Valley
	Villages	Surepalli, Chekkapalli, Akkireddygudem, Basavarapadu
	Tehsil/Taluka	
	District	West Godavari
	State	Andhra Pradesh
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	The nearest railhead is Eluru railway Station on Chennai-Howrah broad gauge line and is about 50 kms. E of the block. Bhadrachalam road railway station which joins on the Chennai-New Delhi Grand Trunk railway line is about 75 kms. North-West of the coalfield.
	Road	This block is situated about 50 kms from Eluru and 150 Kms from Amravati, the state capital of Andhra Pradesh. Inter-state highways passes to the north of the block connecting Khammam to Jangareddygudem.
	Airport	
<b>3.</b>	<b>Area</b>	
	Geological Block Area	12.04 sq km (As per shape file)
	Green Cover	Approx. % (As per FSI)
	Non-Forest Area	Approx. % (As per FSI)
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	1008 mm
	Temperature (Min. — Max.)	Max 45°C
	Local Surface Drainage Channels	The main drainage in the area is Thammileru River which flows in the east beyond eastern boundary of the block from NW to SE direction. The drainage is of dentritic pattern and comprises small nallas and ponds.
	Rivers	

<b>5.</b>	<b>Exploration</b>				
	Status	Explored			
	Exploration Agency	MECL			
	Total Number of Boreholes with	126 Boreholes & 106466.02 m			
	Borehole Density	Approx. 10 borehole/ sq. km.			
	General Dip of Seams	Dipping towards S10°W, S45°E, Southerly and Northerly at places.			
	General Strike Direction	General trend N80°W-S80°E with local variations at places ranging from N-S, NE-SW to E-W directions.			
	Faults	The area under report represents a very complex structure comprising of a total of 15 faults F1-F1 to F15-F15 have been deciphered based on stratum contours and geological cross sections in Chintalapudi Sector-A1 Block. Throw ranging between 0 to 900m.			
<b>6.</b>	<b>Coal Seams &amp; Reserve (Proved: 845.523MT, Indicated: 59.417MT)</b>				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (MT) (Proved + Indicated)	Grade
1	LK-1 TOP	0.21-2.38	40.67-570.70	1.004	G12-G17
2	LK-1 BOT	0.21-1.74	36.54-573.91	0.435	G10-G17
3	LK-2	0.20-3.71	64.27-620.49	0.37	G13-G17
4	LK-3 SECTION-1	0.26-1.22	49.99-599.51	0.012	G13-G17
5	LK-3 SECTION-2	0.27-1.44	40.01-602.50	0.617	G9-G17
6	LK-3 SECTION-3	0.30-4.36	54.16-629.09	0.722	G13-G17
7	LK-3 SECTION-4	0.32-2.35	49.39-634.45	13.776	G12-G17
8	LK-3 SECTION-5	0.30-3.38	36.61-651.94	4.574	G10-G16
9	LK-3 SECTION-6	0.30-2.73	40.00-653.54	7.205	G11-G17
10	LK-4 TOP	0.31-2.70	85.94-698.32	1.073	G11-G17
11	LK-4 BOT	0.14-3.38	72.86-700.89	2.607	G12-G17
12	LK-5 SECTION-1	0.30-3.37	100.60-737.80	2.656	G10-G17
13	LK-5 SECTION-2	0.30-1.87	103.11-740.53	4.522	G10-G17
14	LK-5 SECTION-3	0.31-4.08	108.05-748.30	2.447	G10-G17
15	LK-5 SECTION-4	0.34-4.54	111.20-750.40	10.791	G9-G17
16	LK-6 SECTION-1	0.30-1.69	167.41-780.20	0.833	G9-G17
17	LK-6 SECTION-2	0.35-10.00	170.47-780.10	10.77	G8-G17
18	LK-6 SECTION-3	0.31-3.68	152.64-792.02	3.163	G8-G17
19	LK-6 SECTION-4	0.22-4.58	155.70-790.90	9.856	G9-G17
20	LK-7+8 SECTION-1	0.32-6.59	163.20-760.02	7.204	G6-G17

21	LK-7+8 SECTION-2	0.18-4.34	166.25-861.82	2.713	G5-G17
22	LK-7+8 SECTION-3	0.17-4.70	170.20-766.52	6.436	G5-G17
23	LK-7+8 SECTION-4	0.30-4.15	172.42-868.10	4.977	G5-G17
24	LK-7+8 SECTION-5	0.60-5.84	178.84-775.17	18.702	G7-G17
25	LK-9	0.05-1.09	192.70-801.41		G9-G17
26	K-TOP	0.05-1.56	396.31-833.10	0.101	G10-G16
27	K-BOT	0.13-4.80	380.06-818.01	18.7	G10-G17
28	J	0.05-1.00	424.86-869.39		G10
29	I	0.15-1.91	427.67-898.00	2.445	G10-G17
30	H-TOP	0.10-1.97	440.00-889.14	0.392	G11-G16
31	H-MID	0.22-4.34	467.06-919.55	7.798	G9-G17
32	H-BOT	0.29-4.51	453.26-922.87	23.979	G8-G17
33	G-TOP	0.20-3.90	478.14-933.74	2.074	G12-G17
34	G-MID	0.27-2.72	480.25-937.77	8.657	G11-G17
35	G-BOT	0.31-5.36	486.50-940.23	9.632	G11-G17
36	F-TOP	0.32-3.18	504.61-949.47	1.37	G10-G17
37	F-MID	0.30-3.35	497.18-968.43	6.021	G8-G16
38	F-BOT	0.34-7.43	504.11-970.66	34.182	G9-G17
39	E-TOP	0.42-7.27	531.71-1003.44	30.507	G7-G14
40	E-MID	0.56-8.14	535.38-1007.67	47.824	G7-G14
41	E-BOT	0.50-10.20	543.56-1012.44	49.89	G6-G15
42	D	0.42-3.18	560.83-1028.02	23.307	G9-G17
43	C SECTION-1	1.04-12.49	598.22-1087.66	85.652	G10-G16
44	C SECTION-2	0.40-12.24	601.86-1090.90	33.625	G7-G17
45	C SECTION-3	0.33-6.03	604.77-1093.25	28.481	G7-G16
46	C SECTION-4	0.56-5.89	607.17-1097.84	21.033	G5-G16
47	B-TOP	0.74-8.66	622.87-1067.52	22.426	G7-G16
48	B-BOT	0.62-9.66	623.62-1118.24	56.473	G8-G16
49	A SECTION-1	0.62-8.70	580.16-1147.13	38.39	G9-G14
50	A SECTION-2	0.35-14.65	589.00-1161.94	141.324	G8-G15
51	A SECTION-3	0.51-9.84	592.26-1165.19	26.484	G6-G15
52	A SECTION-4	0.32-2.91	599.67-1169.77	13.623	G8-G15
53	A SECTION-5	0.38-4.15	604.06-1172.01	21.022	G9-G16
54	A SECTION-6	0.66-5.45	608.72-1176.29	32.063	G8-G16
	<b>Total</b>			<b>904.94</b>	
<b>7.</b>	<b>Surface Constraints</b>				
<b>8.</b>	<b>Grade of coal</b>	G12 (Provisional), Based on seam-wise grade-wise data available in Draft GR.			
<b>9.</b>	<b>Decision Support System (DSS)</b>	-			
<b>10.</b>	<b>Eco Sensitive Zone (ESZ)</b>	Northern boundary of the block is approx. 58 km from boundary of ESZ of Kinnersani.			

## PART B

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>
<b>1</b>	<b>Tentative Peak rated Capacity</b>	0.5 MTPA

Note:

1. The summary has been compiled from DGR (Draft Geological Report) of “Geological Report on Detailed Exploration for Coal in Chintalapudi Sector-A1 Block Sattupalli-Chintalapudi Coal Belt Godavari Valley Coalfield, District: West Godavari, Andhra Pradesh”.

### **Disclaimer:**

1. The analysis is done on Beta-version (Trial Version) of Decision Support System (DSS) of FSI / MOEF.
2. The Decision Rules for various parameters of this DSS System are controlled by FSI.
3. CMPDI only runs this DSS to obtain the status of any block based on these Decision Rules.
4. The database of the Decision Rules is updated by FSI from time to time.
5. CMPDI does not own any responsibility for variation in the results which are based on the Decision Rules of the FSI DSS in case of any updation of the database at FSI end.
6. ESZ analysis and tiger habitat/ corridor given here is based on the information available in public domain. Bidders are encouraged to verify this information and any other information additionally available.

Chintalpudi Sector A1 Block, Pranhita Godavari Valley Coalfield

FOR INTERNAL/RESTRICTED USE ONLY

80°57'0"E

80°58'0"E

80°59'0"E

81°0'0"E

81°1'0"E

17°8'0"N

17°7'0"N

17°6'0"N

17°5'0"N

80°57'47" E  
17°8'11" N

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80°59'53" E  
17°8'11" N

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**Provisional Cardinal Points for CHINTALPUDI Block**

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	80° 59' 1.334" E	17° 8' 6.951" N
P-2	80° 59' 52.635" E	17° 7' 10.125" N
P-3	80° 59' 36.233" E	17° 5' 21.709" N
P-4	80° 59' 35.294" E	17° 5' 15.564" N
P-5	80° 59' 31.942" E	17° 5' 18.608" N
P-6	80° 59' 28.679" E	17° 5' 21.463" N
P-7	80° 59' 23.816" E	17° 5' 26.653" N
P-8	80° 59' 19.914" E	17° 5' 31.412" N
P-9	80° 59' 16.228" E	17° 5' 35.790" N
P-10	80° 59' 9.473" E	17° 5' 44.937" N
P-11	80° 59' 3.371" E	17° 5' 55.689" N
P-12	80° 59' 0.336" E	17° 6' 2.701" N
P-13	80° 58' 58.815" E	17° 6' 9.773" N
P-14	80° 58' 56.371" E	17° 6' 15.252" N
P-15	80° 58' 55.176" E	17° 6' 16.936" N
P-16	80° 58' 51.719" E	17° 6' 19.083" N
P-17	80° 58' 48.171" E	17° 6' 20.122" N
P-18	80° 58' 43.410" E	17° 6' 21.332" N
P-19	80° 58' 40.024" E	17° 6' 22.131" N
P-20	80° 58' 36.361" E	17° 6' 22.668" N
P-21	80° 58' 33.054" E	17° 6' 23.096" N
P-22	80° 58' 28.095" E	17° 6' 23.724" N
P-23	80° 58' 24.432" E	17° 6' 23.921" N
P-24	80° 58' 20.238" E	17° 6' 23.800" N
P-25	80° 58' 9.377" E	17° 6' 24.719" N
P-26	80° 58' 4.171" E	17° 6' 25.561" N
P-27	80° 57' 59.907" E	17° 6' 26.551" N
P-28	80° 57' 56.397" E	17° 6' 27.699" N
P-29	80° 57' 52.787" E	17° 6' 29.182" N
P-30	80° 57' 50.905" E	17° 6' 30.101" N
P-31	80° 57' 49.256" E	17° 6' 31.194" N
P-32	80° 57' 47.856" E	17° 6' 32.285" N
P-33	80° 57' 48.185" E	17° 7' 6.425" N
P-34	80° 57' 48.821" E	17° 8' 10.121" N
P-35	80° 57' 51.137" E	17° 8' 9.319" N
P-36	80° 57' 59.812" E	17° 8' 6.863" N
P-37	80° 58' 11.118" E	17° 8' 5.032" N
P-38	80° 58' 21.164" E	17° 8' 4.798" N
P-39	80° 58' 35.122" E	17° 8' 5.754" N
P-40	80° 58' 45.331" E	17° 8' 6.815" N
P-41	80° 58' 50.477" E	17° 8' 6.912" N