

**SOMAVARAM WEST BLOCK SUMMARY
PART A**

Sl. No.	Features	Details
1.	Location	
	Coal Block	Somavaram West
	Latitude	16° 51' 34" N-16° 54' 22" N (Provisional)
	Longitude	80° 53' 14" E-80° 56' 0" E (Provisional)
	Topo Sheet No.	65D/13
	Coalfield	Pranhita Godavari Valley
	Villages	Surepalli, Chekkapalli, Akkireddygudem, Lopudi, Ramanakkapeta
	District	Krishna
	State	Andhra Pradesh
2.	Connectivity with Block	
	Nearest Rail Head	The nearest rail head is Eluru (30 km) and another railway junction is Vijayawada (60 km). Both Eluru and Vijayawada are located on the Chennai-Howrah Broad Gauge railway line (South Central Railway).
	Road	The block is well connected by a 30 km distance state highway from Eluru, district head quarter of West Godavari and about 280 km from Hyderabad.
3.	Area	
	Geological Block Area	15.11 sq km
	Green Cover	Information not available.
	Non-Forest Area	Information not available.
4.	Climate and Topography	
	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.
5.	Exploration	
	Status	Explored
	Exploration Agency	MECL

Total Number of Boreholes with	144 Boreholes & 35992.40 m
Borehole Density	Approx. 9.5 borehole/ sq. km.
General Dip of Seams	The strata generally dips towards NW and NE with a general dip of 40 to 50. South western and south eastern portion having steeper dips up to 100.
General Strike Direction	The strike of coal horizons in this block is found undulating with some swings. General strike varies from NE-SW in the eastern portion to NW-SE in the western portion of the block. In the southern portion of the block strike mostly varies from NW-SE to almost E-W due to intense faulting.
Faults	A total of 15 faults have been deciphered. The deciphering of fault is mainly attributed to omission of coal seams, parting reduction and in many cases level difference of strata. Many faults are of considerable magnitude i.e. 50m to 140m.

6. Coal Seams & Reserve

Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (MT)	Grade
E	0.20-1.19	130.62-172.50		
D	0.02-1.65	109.10-265.27		G13
C1	0.19-2.08	101.33-277.00		G14
C2	0.06-1.47	105.40-232.35		G14
B1	0.10-4.66	102.01-292.90	3.629	G12-G17
B2	0.17-8.61	100.41-345.80	17.702	G9-G17
B3	0.05-4.19	105.80-351.00	5.758	G9-G16
A1 TOP	0.10-3.48	142.00-379.13	8.884	G8-G17
A1 MID	0.37-1.21			G12
A1 BOT	0.11-3.25	150.16-381.00	4.859	G7-G17
A1 COMB	0.47-4.96	126.04-335.86	19.353	G7-G17
A2 TOP	0.10-1.25	162.63-361.80		G8-G16
A2 MID	0.41-0.41			
A2 BOT	0.05-2.44	153.63-387.10	1.094	G10-G17
A2 COMB	0.52-3.97	148.00-318.00	1.598	G10-G17
A3 TOP	0.05-2.32	150.49-368.95	2.512	G8-G14
A3 MID	0.63-0.63			
A3 BOT	0.10-1.77	168.88-372.00	0.965	G7-G17
A3 COMB	0.38-3.46	157.80-396.00	4.033	G9-G15
A2A3COMB	1.24-9.34	141.49-292.70	4.996	G8-G12

	A4 TOP	0.10-2.58	152.31-398.30	5.039	G9-G14
	A1TOA4 TOP	5.60-7.77	154.70-177.24	0.428	G9
	A4 BOT	0.10-5.63	149.35-400.10	2.259	G9-G16
	A4 COMB	0.66-4.57	146.38-310.62	9.338	G7-G17
	A3A4 COMB	2.70-5.48	92.70-301.98	2.271	G7-G15
	A1A2A3 COMB	5.35-5.35	146.57-146.57	2.397	G12
	Total			97.115	
7.	Surface Constraints	Information not available			
8.	Grade of coal	G13 (Provisional), Based on seam-wise grade-wise (Table-VII) data available in GR.			
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches wet land more than 10 Ha. Area of tanks-Inviolate.			
10.	Eco Sensitive Zone (ESZ)	-			

Note:

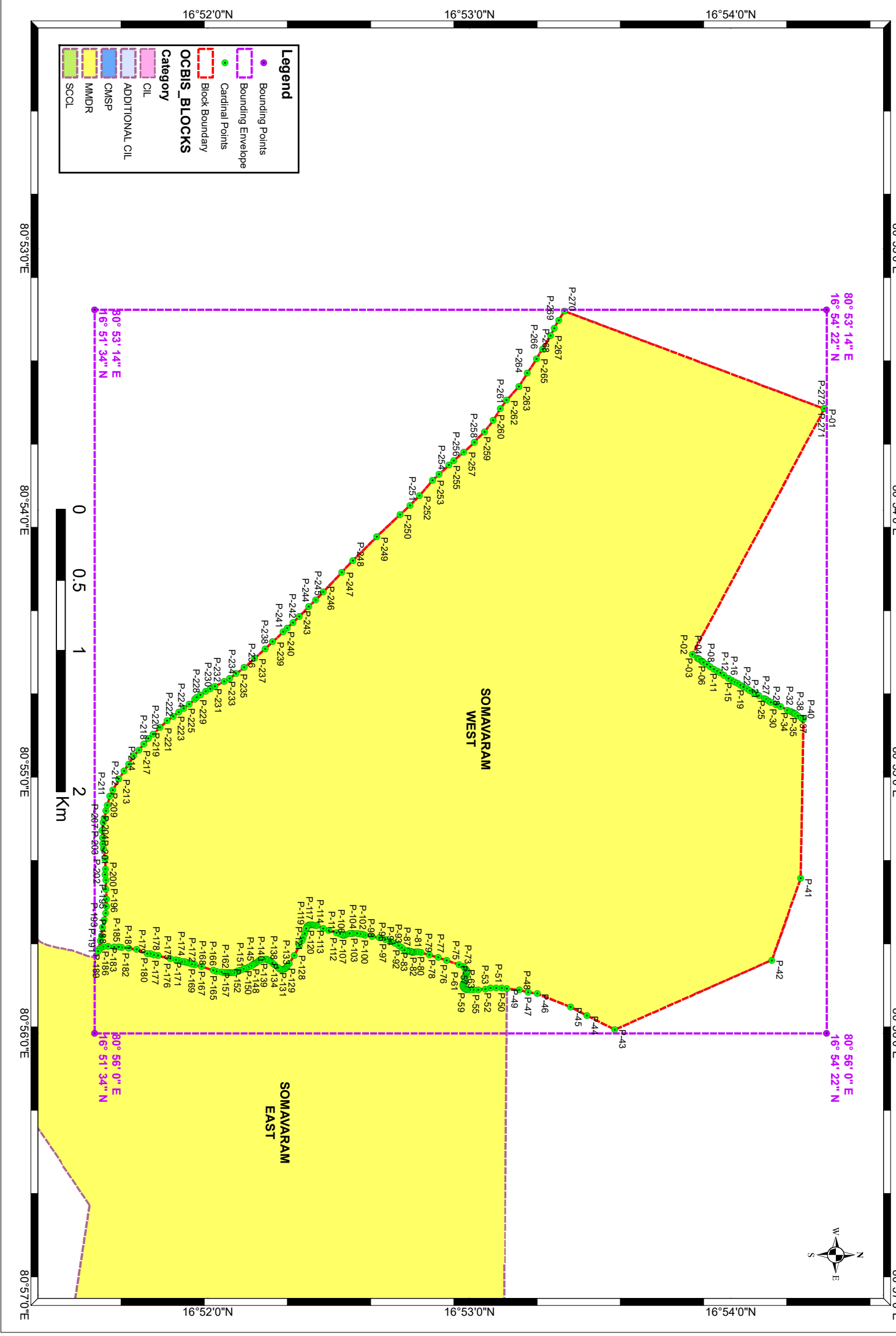
1. The summary has been compiled from “Geological Report on Detail Exploration for Coal in Somavaram West Block, Somavaram Coal Belt, Godavari Valley Coalfield, Dist -Krishna, Andhra Pradesh. August-2018”.
2. Block boundary and cardinal points are provisional and shall be finalized after DGPS Survey of Boundary.

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.

Somavaram West Block, Pranhita Godavari Valley Coalfield

FOR INTERNAL/RESTRICTED USE ONLY



Legend

- Bounding Points
- Bounding Envelope
- Cardinal Points
- Block Boundary

OCBIS_BLOCKS

Category

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



16°52'0"N 16°53'0"N 16°54'0"N

80°53'0"E 80°54'0"E 80°55'0"E 80°56'0"E 80°57'0"E

80°53'14" E 16°54'22" N 80°56'0" E 16°54'22" N

80°53'14" E 16°51'34" N 80°56'0" E 16°51'34" N

SOMAVARAM WEST

SOMAVARAM EAST

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	80° 53' 36.752" E	16° 54' 21.453" N
P-2	80° 54' 33.026" E	16° 53' 51.190" N
P-3	80° 54' 33.884" E	16° 53' 52.308" N
P-4	80° 54' 34.083" E	16° 53' 52.567" N
P-5	80° 54' 34.260" E	16° 53' 52.811" N
P-6	80° 54' 34.626" E	16° 53' 53.382" N
P-7	80° 54' 34.730" E	16° 53' 53.546" N
P-8	80° 54' 34.845" E	16° 53' 53.724" N
P-9	80° 54' 35.336" E	16° 53' 54.493" N
P-10	80° 54' 35.823" E	16° 53' 55.255" N
P-11	80° 54' 36.368" E	16° 53' 56.102" N
P-12	80° 54' 36.875" E	16° 53' 56.894" N
P-13	80° 54' 37.336" E	16° 53' 57.617" N
P-14	80° 54' 37.857" E	16° 53' 58.431" N
P-15	80° 54' 38.500" E	16° 53' 59.433" N
P-16	80° 54' 38.972" E	16° 54' 0.215" N
P-17	80° 54' 39.366" E	16° 54' 0.922" N
P-18	80° 54' 39.707" E	16° 54' 1.531" N
P-19	80° 54' 40.097" E	16° 54' 2.230" N
P-20	80° 54' 40.475" E	16° 54' 2.905" N
P-21	80° 54' 40.957" E	16° 54' 3.769" N
P-22	80° 54' 41.287" E	16° 54' 4.360" N
P-23	80° 54' 41.718" E	16° 54' 5.129" N
P-24	80° 54' 42.094" E	16° 54' 5.801" N
P-25	80° 54' 42.466" E	16° 54' 6.467" N
P-26	80° 54' 43.150" E	16° 54' 7.693" N
P-27	80° 54' 43.405" E	16° 54' 8.143" N
P-28	80° 54' 43.694" E	16° 54' 8.662" N
P-29	80° 54' 43.988" E	16° 54' 9.191" N
P-30	80° 54' 44.558" E	16° 54' 10.383" N
P-31	80° 54' 45.047" E	16° 54' 11.410" N
P-32	80° 54' 45.789" E	16° 54' 12.963" N
P-33	80° 54' 46.154" E	16° 54' 13.732" N
P-34	80° 54' 46.350" E	16° 54' 14.135" N
P-35	80° 54' 46.492" E	16° 54' 14.439" N
P-36	80° 54' 46.602" E	16° 54' 14.609" N
P-37	80° 54' 46.762" E	16° 54' 14.864" N
P-38	80° 54' 47.076" E	16° 54' 15.365" N
P-39	80° 54' 47.655" E	16° 54' 16.283" N
P-40	80° 54' 47.898" E	16° 54' 16.669" N
P-41	80° 55' 24.459" E	16° 54' 15.995" N
P-42	80° 55' 43.161" E	16° 54' 9.375" N
P-43	80° 55' 59.112" E	16° 53' 33.381" N
P-44	80° 55' 55.926" E	16° 53' 27.008" N
P-45	80° 55' 53.899" E	16° 53' 23.237" N
P-46	80° 55' 50.841" E	16° 53' 15.611" N
P-47	80° 55' 50.527" E	16° 53' 13.496" N

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	80° 55' 50.027" E	16° 53' 11.454" N
P-49	80° 55' 49.721" E	16° 53' 8.573" N
P-50	80° 55' 49.568" E	16° 53' 7.441" N
P-51	80° 55' 49.544" E	16° 53' 6.165" N
P-52	80° 55' 49.627" E	16° 53' 4.868" N
P-53	80° 55' 49.762" E	16° 53' 3.687" N
P-54	80° 55' 49.933" E	16° 53' 2.040" N
P-55	80° 55' 50.016" E	16° 53' 0.935" N
P-56	80° 55' 50.041" E	16° 53' 0.229" N
P-57	80° 55' 49.952" E	16° 52' 59.435" N
P-58	80° 55' 49.846" E	16° 52' 59.148" N
P-59	80° 55' 49.637" E	16° 52' 58.831" N
P-60	80° 55' 49.410" E	16° 52' 58.650" N
P-61	80° 55' 49.151" E	16° 52' 58.547" N
P-62	80° 55' 48.827" E	16° 52' 58.571" N
P-63	80° 55' 48.587" E	16° 52' 58.673" N
P-64	80° 55' 48.252" E	16° 52' 58.927" N
P-65	80° 55' 48.060" E	16° 52' 59.026" N
P-66	80° 55' 47.797" E	16° 52' 59.061" N
P-67	80° 55' 47.069" E	16° 52' 59.090" N
P-68	80° 55' 46.620" E	16° 52' 59.234" N
P-69	80° 55' 46.248" E	16° 52' 59.386" N
P-70	80° 55' 45.964" E	16° 52' 59.434" N
P-71	80° 55' 45.771" E	16° 52' 59.421" N
P-72	80° 55' 45.495" E	16° 52' 59.352" N
P-73	80° 55' 45.126" E	16° 52' 59.123" N
P-74	80° 55' 44.676" E	16° 52' 58.678" N
P-75	80° 55' 44.191" E	16° 52' 57.647" N
P-76	80° 55' 43.187" E	16° 52' 54.768" N
P-77	80° 55' 42.586" E	16° 52' 52.862" N
P-78	80° 55' 41.999" E	16° 52' 50.864" N
P-79	80° 55' 41.405" E	16° 52' 48.927" N
P-80	80° 55' 41.286" E	16° 52' 48.302" N
P-81	80° 55' 41.322" E	16° 52' 47.704" N
P-82	80° 55' 41.395" E	16° 52' 47.182" N
P-83	80° 55' 41.364" E	16° 52' 46.917" N
P-84	80° 55' 41.342" E	16° 52' 46.751" N
P-85	80° 55' 41.224" E	16° 52' 46.619" N
P-86	80° 55' 41.153" E	16° 52' 46.540" N
P-87	80° 55' 41.063" E	16° 52' 46.420" N
P-88	80° 55' 40.968" E	16° 52' 45.993" N
P-89	80° 55' 41.120" E	16° 52' 45.827" N
P-90	80° 55' 41.161" E	16° 52' 45.674" N
P-91	80° 55' 41.142" E	16° 52' 45.532" N
P-92	80° 55' 40.794" E	16° 52' 45.084" N
P-93	80° 55' 40.287" E	16° 52' 44.450" N
P-94	80° 55' 39.856" E	16° 52' 43.824" N

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	80° 55' 39.348" E	16° 52' 42.880" N
P-96	80° 55' 38.881" E	16° 52' 41.928" N
P-97	80° 55' 38.411" E	16° 52' 40.791" N
P-98	80° 55' 38.077" E	16° 52' 39.396" N
P-99	80° 55' 37.702" E	16° 52' 37.677" N
P-100	80° 55' 37.435" E	16° 52' 36.065" N
P-101	80° 55' 37.253" E	16° 52' 35.484" N
P-102	80° 55' 37.176" E	16° 52' 35.021" N
P-103	80° 55' 37.075" E	16° 52' 34.267" N
P-104	80° 55' 36.997" E	16° 52' 33.359" N
P-105	80° 55' 37.013" E	16° 52' 32.916" N
P-106	80° 55' 37.081" E	16° 52' 32.567" N
P-107	80° 55' 37.343" E	16° 52' 31.656" N
P-108	80° 55' 37.433" E	16° 52' 31.368" N
P-109	80° 55' 37.483" E	16° 52' 31.054" N
P-110	80° 55' 37.397" E	16° 52' 30.835" N
P-111	80° 55' 37.188" E	16° 52' 30.320" N
P-112	80° 55' 36.892" E	16° 52' 29.495" N
P-113	80° 55' 36.268" E	16° 52' 27.736" N
P-114	80° 55' 35.827" E	16° 52' 26.482" N
P-115	80° 55' 35.297" E	16° 52' 25.065" N
P-116	80° 55' 35.163" E	16° 52' 24.631" N
P-117	80° 55' 35.062" E	16° 52' 24.036" N
P-118	80° 55' 35.046" E	16° 52' 23.670" N
P-119	80° 55' 35.077" E	16° 52' 23.252" N
P-120	80° 55' 35.211" E	16° 52' 23.009" N
P-121	80° 55' 35.393" E	16° 52' 22.819" N
P-122	80° 55' 35.598" E	16° 52' 22.700" N
P-123	80° 55' 35.973" E	16° 52' 22.557" N
P-124	80° 55' 36.977" E	16° 52' 22.255" N
P-125	80° 55' 38.080" E	16° 52' 21.896" N
P-126	80° 55' 38.732" E	16° 52' 21.640" N
P-127	80° 55' 39.856" E	16° 52' 21.002" N
P-128	80° 55' 42.057" E	16° 52' 19.844" N
P-129	80° 55' 43.991" E	16° 52' 18.695" N
P-130	80° 55' 44.637" E	16° 52' 18.177" N
P-131	80° 55' 44.952" E	16° 52' 17.904" N
P-132	80° 55' 45.154" E	16° 52' 17.677" N
P-133	80° 55' 45.233" E	16° 52' 17.474" N
P-134	80° 55' 45.269" E	16° 52' 17.168" N
P-135	80° 55' 45.244" E	16° 52' 16.822" N
P-136	80° 55' 45.156" E	16° 52' 16.459" N
P-137	80° 55' 44.968" E	16° 52' 16.157" N
P-138	80° 55' 44.165" E	16° 52' 15.265" N
P-139	80° 55' 43.817" E	16° 52' 14.786" N
P-140	80° 55' 43.286" E	16° 52' 14.167" N
P-141	80° 55' 43.144" E	16° 52' 13.944" N

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	80° 55' 42.978" E	16° 52' 13.550" N
P-143	80° 55' 42.990" E	16° 52' 13.179" N
P-144	80° 55' 43.083" E	16° 52' 12.503" N
P-145	80° 55' 43.379" E	16° 52' 11.657" N
P-146	80° 55' 43.714" E	16° 52' 11.064" N
P-147	80° 55' 43.925" E	16° 52' 10.747" N
P-148	80° 55' 44.115" E	16° 52' 10.525" N
P-149	80° 55' 44.278" E	16° 52' 10.308" N
P-150	80° 55' 44.473" E	16° 52' 9.946" N
P-151	80° 55' 44.765" E	16° 52' 9.336" N
P-152	80° 55' 45.053" E	16° 52' 8.719" N
P-153	80° 55' 45.216" E	16° 52' 8.210" N
P-154	80° 55' 45.429" E	16° 52' 7.475" N
P-155	80° 55' 45.627" E	16° 52' 6.925" N
P-156	80° 55' 45.859" E	16° 52' 6.428" N
P-157	80° 55' 46.008" E	16° 52' 6.008" N
P-158	80° 55' 46.106" E	16° 52' 5.398" N
P-159	80° 55' 46.114" E	16° 52' 5.065" N
P-160	80° 55' 46.061" E	16° 52' 4.666" N
P-161	80° 55' 46.078" E	16° 52' 4.441" N
P-162	80° 55' 46.120" E	16° 52' 4.121" N
P-163	80° 55' 46.126" E	16° 52' 3.726" N
P-164	80° 55' 45.969" E	16° 52' 3.149" N
P-165	80° 55' 45.709" E	16° 52' 1.998" N
P-166	80° 55' 45.480" E	16° 52' 1.252" N
P-167	80° 55' 44.690" E	16° 51' 58.611" N
P-168	80° 55' 44.229" E	16° 51' 57.062" N
P-169	80° 55' 44.060" E	16° 51' 56.346" N
P-170	80° 55' 43.809" E	16° 51' 55.565" N
P-171	80° 55' 43.600" E	16° 51' 55.000" N
P-172	80° 55' 43.543" E	16° 51' 54.616" N
P-173	80° 55' 43.460" E	16° 51' 54.038" N
P-174	80° 55' 43.220" E	16° 51' 53.356" N
P-175	80° 55' 43.095" E	16° 51' 52.687" N
P-176	80° 55' 42.809" E	16° 51' 51.367" N
P-177	80° 55' 42.137" E	16° 51' 48.606" N
P-178	80° 55' 42.033" E	16° 51' 47.627" N
P-179	80° 55' 41.714" E	16° 51' 46.883" N
P-180	80° 55' 41.618" E	16° 51' 46.085" N
P-181	80° 55' 40.767" E	16° 51' 43.659" N
P-182	80° 55' 40.406" E	16° 51' 41.810" N
P-183	80° 55' 40.237" E	16° 51' 40.263" N
P-184	80° 55' 40.132" E	16° 51' 39.565" N
P-185	80° 55' 40.092" E	16° 51' 38.529" N
P-186	80° 55' 40.012" E	16° 51' 37.135" N
P-187	80° 55' 40.159" E	16° 51' 35.958" N
P-188	80° 55' 40.396" E	16° 51' 35.369" N

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	80° 55' 40.665" E	16° 51' 35.024" N
P-190	80° 55' 41.132" E	16° 51' 34.830" N
P-191	80° 55' 38.735" E	16° 51' 35.354" N
P-192	80° 55' 37.541" E	16° 51' 35.575" N
P-193	80° 55' 35.600" E	16° 51' 35.841" N
P-194	80° 55' 34.005" E	16° 51' 36.212" N
P-195	80° 55' 32.439" E	16° 51' 36.539" N
P-196	80° 55' 30.881" E	16° 51' 36.721" N
P-197	80° 55' 29.184" E	16° 51' 36.740" N
P-198	80° 55' 26.864" E	16° 51' 36.647" N
P-199	80° 55' 24.820" E	16° 51' 36.640" N
P-200	80° 55' 23.519" E	16° 51' 36.459" N
P-201	80° 55' 22.288" E	16° 51' 36.492" N
P-202	80° 55' 20.002" E	16° 51' 36.398" N
P-203	80° 55' 17.639" E	16° 51' 36.018" N
P-204	80° 55' 16.565" E	16° 51' 35.935" N
P-205	80° 55' 15.174" E	16° 51' 35.856" N
P-206	80° 55' 13.466" E	16° 51' 35.733" N
P-207	80° 55' 11.518" E	16° 51' 35.965" N
P-208	80° 55' 10.595" E	16° 51' 36.210" N
P-209	80° 55' 8.942" E	16° 51' 36.651" N
P-210	80° 55' 7.580" E	16° 51' 36.947" N
P-211	80° 55' 5.483" E	16° 51' 37.495" N
P-212	80° 55' 4.085" E	16° 51' 38.235" N
P-213	80° 55' 1.643" E	16° 51' 39.563" N
P-214	80° 54' 59.740" E	16° 51' 40.768" N
P-215	80° 54' 58.277" E	16° 51' 41.849" N
P-216	80° 54' 56.321" E	16° 51' 43.007" N
P-217	80° 54' 55.030" E	16° 51' 44.170" N
P-218	80° 54' 53.573" E	16° 51' 45.362" N
P-219	80° 54' 52.391" E	16° 51' 46.337" N
P-220	80° 54' 51.268" E	16° 51' 47.452" N
P-221	80° 54' 49.810" E	16° 51' 49.062" N
P-222	80° 54' 48.283" E	16° 51' 50.664" N
P-223	80° 54' 47.236" E	16° 51' 52.086" N
P-224	80° 54' 46.288" E	16° 51' 53.392" N
P-225	80° 54' 45.419" E	16° 51' 54.430" N
P-226	80° 54' 44.398" E	16° 51' 55.732" N
P-227	80° 54' 43.377" E	16° 51' 57.014" N
P-228	80° 54' 42.980" E	16° 51' 57.438" N
P-229	80° 54' 42.356" E	16° 51' 58.332" N
P-230	80° 54' 41.509" E	16° 51' 59.525" N
P-231	80° 54' 40.887" E	16° 52' 0.576" N
P-232	80° 54' 40.366" E	16° 52' 1.608" N
P-233	80° 54' 39.244" E	16° 52' 3.710" N
P-234	80° 54' 38.481" E	16° 52' 5.000" N
P-235	80° 54' 37.494" E	16° 52' 6.470" N

Provisional Cardinal Points for SOMAVARAM WEST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-236	80° 54' 36.093" E	16° 52' 8.302" N
P-237	80° 54' 33.962" E	16° 52' 10.760" N
P-238	80° 54' 31.724" E	16° 52' 13.130" N
P-239	80° 54' 30.132" E	16° 52' 14.881" N
P-240	80° 54' 27.850" E	16° 52' 17.316" N
P-241	80° 54' 27.005" E	16° 52' 18.244" N
P-242	80° 54' 25.788" E	16° 52' 19.524" N
P-243	80° 54' 24.390" E	16° 52' 20.998" N
P-244	80° 54' 22.150" E	16° 52' 23.139" N
P-245	80° 54' 20.554" E	16° 52' 24.772" N
P-246	80° 54' 18.761" E	16° 52' 26.480" N
P-247	80° 54' 14.191" E	16° 52' 30.752" N
P-248	80° 54' 11.512" E	16° 52' 33.268" N
P-249	80° 54' 6.093" E	16° 52' 38.718" N
P-250	80° 54' 0.999" E	16° 52' 44.089" N
P-251	80° 53' 58.824" E	16° 52' 46.415" N
P-252	80° 53' 56.670" E	16° 52' 48.559" N
P-253	80° 53' 53.119" E	16° 52' 51.565" N
P-254	80° 53' 51.747" E	16° 52' 53.073" N
P-255	80° 53' 49.698" E	16° 52' 55.267" N
P-256	80° 53' 48.583" E	16° 52' 56.446" N
P-257	80° 53' 46.614" E	16° 52' 58.765" N
P-258	80° 53' 44.385" E	16° 53' 1.147" N
P-259	80° 53' 41.997" E	16° 53' 3.498" N
P-260	80° 53' 39.438" E	16° 53' 5.495" N
P-261	80° 53' 36.592" E	16° 53' 7.164" N
P-262	80° 53' 34.805" E	16° 53' 8.524" N
P-263	80° 53' 31.570" E	16° 53' 11.399" N
P-264	80° 53' 28.473" E	16° 53' 13.308" N
P-265	80° 53' 25.278" E	16° 53' 15.391" N
P-266	80° 53' 22.985" E	16° 53' 16.806" N
P-267	80° 53' 19.916" E	16° 53' 18.657" N
P-268	80° 53' 18.307" E	16° 53' 19.462" N
P-269	80° 53' 16.360" E	16° 53' 20.500" N
P-270	80° 53' 14.360" E	16° 53' 21.827" N
P-271	80° 53' 36.752" E	16° 54' 21.453" N