

Ramnagar Block Summary
PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Ramnagar
	Latitude	22° 19' 19" N-22° 20' 38" N (Provisional)
	Longitude	83° 5' 58" E-83° 9' 8" E (Provisional)
	Topo Sheet No.	64 N/3
	Coalfield	Mand-Raigarh
	Villages	Chainpur,Ramnagar,Sithra villages
	Tehsil/Taluka	Korba, Dharamjaygarh
	District	Raigarh
	State	Chhattisgarh
2.	Connectivity with Block	
	Nearest Rail Head	Kharsia Railway station is the nearest railhead
	Road	The block is round 20 km from Dharamjaygarh on Dharamjaygarh-Kharsia road. The block is connected by all weather tar road from Amapali (12km from Dharamjaygarh on Dharamjaygarh - Raigarh Road) to Bojia village.
	Airport	
3.	Area	
	Geological Block Area	9.36 sq km (As per shape file. Refer note below)
	Forest Area	2.72 sq.km (As per FSI Map)
	Non-Forest Area	6.64 sq.km
4.	Climate and Topography	
	Average Annual Rainfall	53 cm.Monsoon active in July to Septmeber
	Temperature (Min. — Max.)	4-5 °C in January to 49 °C in end of May
	Local Surface Drainage Channels	Kopar Nala forms the southern boundary of the block. The stream is fed by springs of adjoining Mar Pahar hill range and check dams. The stream is a tributary to the Mand River flowing from north to south.
	Rivers	
5.	Exploration	
	Status	Regionally Explored
	Exploration Agency	GSI

	Total Number of Boreholes with meterage	6 Boreholes; 3823.25m (MSK -3,4 & MCN-3,4,5 & 7)			
	Borehole Density	Approx. 0.9 boreholes per sq km			
	General Dip of Seams	Low southerly dip of 2° to 6°			
	General Strike Direction	NW - SE to WNW - ESE strike			
	Faults				
6.	Coal Seams & Reserve*				
	No. of coal seams	25			
	Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (mt)	Grade
	XIII	0.72	67.95		G14-G13
	XII L	0.75	83.83		G14-G13
	XII/XII T	0.28	98.86		
	IX / IX T	0.40-0.78	38.62-204.80		G12-G11
	VIII L 1	0.53	54.57		G12-G11
	VIII L 2	0.56	238.66		G12-G11
	VIII T	0.56-0.64	91.38-255.74		G10-G7
	VIII B	1.98	93.80		G8-G7
	VIII				
	VII T	0.73	118.62		G12-G11
	VII/VII B	0.83-2.57	126.1-287.47		G10-G7
	VI L	0.53	313.33		G14-G13
	VI	1.99-3.05	165.63-321.55		G12-G9
	VL	0.33	175.88		
	V	0.20-0.36	183.14-341.01		
	IV L	0.72	350.92		
	IV	0.56-4.11	224.84-389.90		G14-G7
	III L	0.38	399.35		
	III T	1.26	417.7		
	III M	3.14	430.15		
	III B	0.65	250.81		G10-G9
	II L	0.7	520.5		G6

	II	0.34-0.63	370.66-582.8		G12-G11
	I	1.72-5.14	429.62-665.28		G12-G6
	L	0.63	592.25		G3-G1
	Total			600.00	
7.	Surface Constraints	-			
8.	Grade of coal	G10 (Provisional) based on weighted average grade of grade-wise data available in Chainpur Regional GR.			
9.	Decision Support System (DSS) Analysis	Very Dense Forest Info: The polygon is having a VDF of more than 1 sq. km area Wildlife Info: The polygon touches Wildlife Habitat(s)- Sloth Bear, Elephant			
10.	Eco Sensitive Zone (ESZ)	Northern boundary is approx. 70 m from the boundary of buffer zone of unnotified Lemru Elephant Reserve.			

Note:

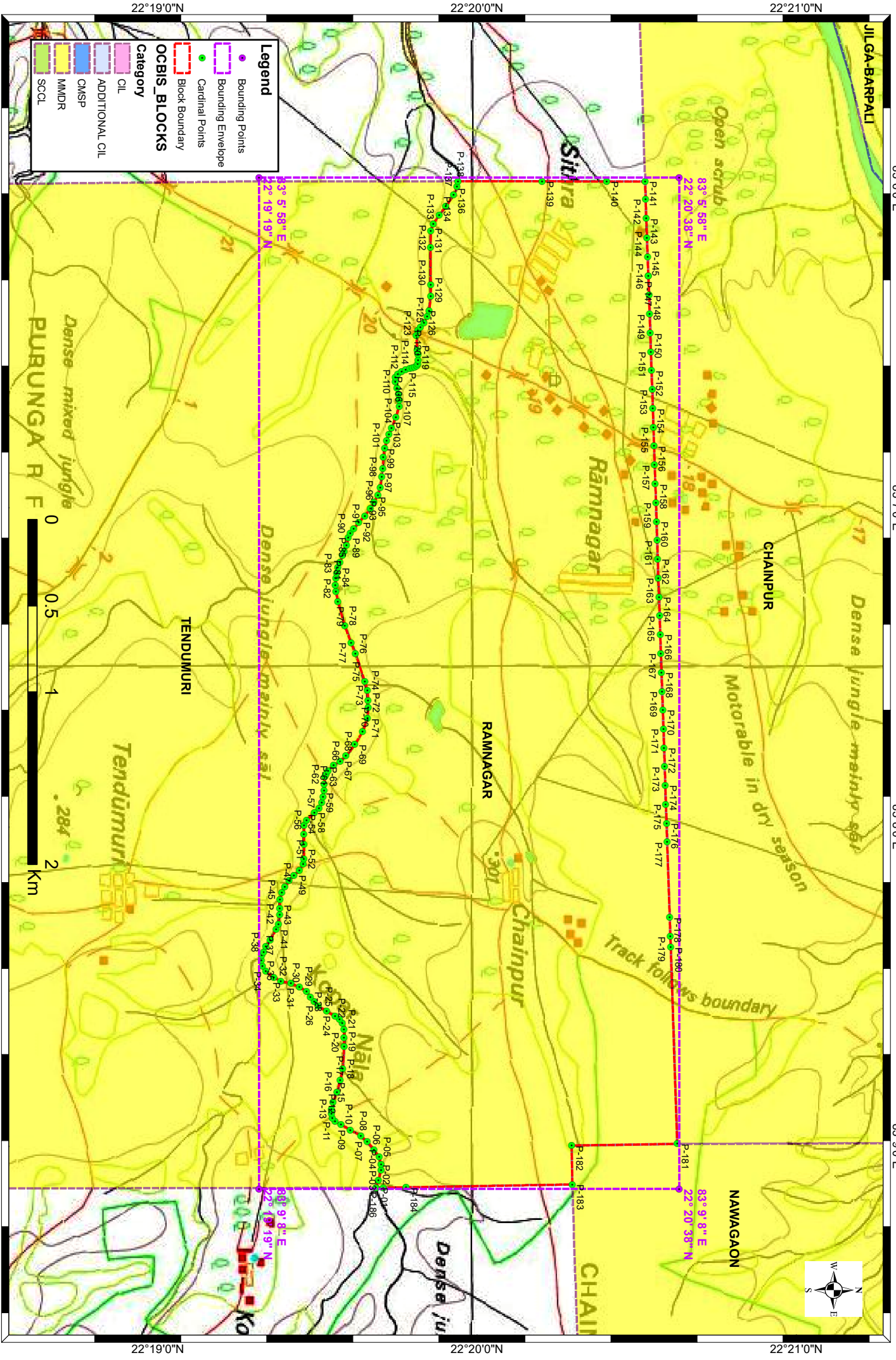
1. The summary has been compiled from Final report on exploration by scout drilling for coal in Sithra - Kurekela area in the western part of Mand - Raigarh coalfield, Raigarh district, Chhattisgarh GSI-2010 & Final Report on Regional Exploration for Coal in Chainpur Block, Mand - Raigarh Coalfield, Raigarh District, Chhattisgarh-2011.
2. The reserves are estimated based on borehole wise coal reserves tabulated in the Annexure-VII of GSI Report on Sithra - Kurekela area. Two no. of Boreholes MSK-3 and MSK-4 fall within the block.

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.

Ramnagar Block, Mand Raijgarh Coalfield

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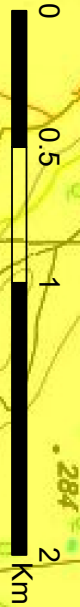


Legend

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

OCBIS_BLOCKS Category

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



83°6'0"E 83°7'0"E 83°8'0"E 83°9'0"E

22°19'0"N 22°20'0"N 22°21'0"N

22°19'0"N 22°20'0"N 22°21'0"N

Provisional Cardinal Points for RAMNAGAR Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	83° 9' 7.775" E	22° 19' 41.025" N
P-2	83° 9' 6.330" E	22° 19' 41.436" N
P-3	83° 9' 4.479" E	22° 19' 41.950" N
P-4	83° 9' 3.349" E	22° 19' 41.950" N
P-5	83° 9' 2.012" E	22° 19' 41.608" N
P-6	83° 9' 0.573" E	22° 19' 40.614" N
P-7	83° 8' 59.100" E	22° 19' 39.346" N
P-8	83° 8' 58.003" E	22° 19' 38.147" N
P-9	83° 8' 56.941" E	22° 19' 36.125" N
P-10	83° 8' 55.879" E	22° 19' 34.412" N
P-11	83° 8' 55.296" E	22° 19' 33.316" N
P-12	83° 8' 54.714" E	22° 19' 32.802" N
P-13	83° 8' 53.926" E	22° 19' 32.630" N
P-14	83° 8' 53.069" E	22° 19' 32.630" N
P-15	83° 8' 51.699" E	22° 19' 32.939" N
P-16	83° 8' 49.780" E	22° 19' 33.658" N
P-17	83° 8' 47.621" E	22° 19' 34.275" N
P-18	83° 8' 45.428" E	22° 19' 34.755" N
P-19	83° 8' 41.248" E	22° 19' 34.995" N
P-20	83° 8' 39.569" E	22° 19' 34.960" N
P-21	83° 8' 37.993" E	22° 19' 34.960" N
P-22	83° 8' 36.828" E	22° 19' 34.652" N
P-23	83° 8' 36.143" E	22° 19' 34.172" N
P-24	83° 8' 35.526" E	22° 19' 33.316" N
P-25	83° 8' 34.635" E	22° 19' 31.705" N
P-26	83° 8' 33.607" E	22° 19' 30.095" N
P-27	83° 8' 32.819" E	22° 19' 29.341" N
P-28	83° 8' 31.928" E	22° 19' 28.656" N
P-29	83° 8' 30.866" E	22° 19' 27.936" N
P-30	83° 8' 30.078" E	22° 19' 26.600" N
P-31	83° 8' 29.358" E	22° 19' 24.989" N
P-32	83° 8' 28.947" E	22° 19' 23.105" N
P-33	83° 8' 28.262" E	22° 19' 21.837" N
P-34	83° 8' 27.131" E	22° 19' 20.330" N
P-35	83° 8' 26.103" E	22° 19' 19.678" N
P-36	83° 8' 25.041" E	22° 19' 19.439" N
P-37	83° 8' 24.185" E	22° 19' 19.541" N
P-38	83° 8' 23.534" E	22° 19' 19.884" N
P-39	83° 8' 22.471" E	22° 19' 20.330" N
P-40	83° 8' 21.238" E	22° 19' 21.118" N
P-41	83° 8' 19.251" E	22° 19' 22.248" N
P-42	83° 8' 18.223" E	22° 19' 22.694" N
P-43	83° 8' 16.509" E	22° 19' 22.865" N
P-44	83° 8' 15.242" E	22° 19' 22.899" N
P-45	83° 8' 13.665" E	22° 19' 22.968" N
P-46	83° 8' 12.363" E	22° 19' 23.345" N
P-47	83° 8' 11.267" E	22° 19' 23.859" N

Provisional Cardinal Points for RAMNAGAR Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	83° 8' 10.102" E	22° 19' 24.681" N
P-49	83° 8' 9.074" E	22° 19' 25.606" N
P-50	83° 8' 8.183" E	22° 19' 26.600" N
P-51	83° 8' 6.950" E	22° 19' 27.319" N
P-52	83° 8' 5.990" E	22° 19' 27.422" N
P-53	83° 8' 3.318" E	22° 19' 27.491" N
P-54	83° 8' 1.433" E	22° 19' 27.422" N
P-55	83° 7' 59.651" E	22° 19' 27.491" N
P-56	83° 7' 58.726" E	22° 19' 27.936" N
P-57	83° 7' 57.356" E	22° 19' 29.410" N
P-58	83° 7' 56.465" E	22° 19' 30.300" N
P-59	83° 7' 55.403" E	22° 19' 30.814" N
P-60	83° 7' 54.375" E	22° 19' 31.054" N
P-61	83° 7' 53.141" E	22° 19' 31.226" N
P-62	83° 7' 51.908" E	22° 19' 31.226" N
P-63	83° 7' 50.571" E	22° 19' 31.431" N
P-64	83° 7' 50.057" E	22° 19' 31.602" N
P-65	83° 7' 49.475" E	22° 19' 31.979" N
P-66	83° 7' 48.447" E	22° 19' 33.007" N
P-67	83° 7' 47.590" E	22° 19' 34.241" N
P-68	83° 7' 46.665" E	22° 19' 35.337" N
P-69	83° 7' 44.507" E	22° 19' 37.016" N
P-70	83° 7' 42.142" E	22° 19' 38.490" N
P-71	83° 7' 39.607" E	22° 19' 39.380" N
P-72	83° 7' 37.585" E	22° 19' 39.552" N
P-73	83° 7' 36.180" E	22° 19' 39.517" N
P-74	83° 7' 34.330" E	22° 19' 39.380" N
P-75	83° 7' 32.685" E	22° 19' 38.901" N
P-76	83° 7' 27.437" E	22° 19' 37.139" N
P-77	83° 7' 25.424" E	22° 19' 36.304" N
P-78	83° 7' 22.147" E	22° 19' 35.105" N
P-79	83° 7' 17.715" E	22° 19' 33.841" N
P-80	83° 7' 15.787" E	22° 19' 33.477" N
P-81	83° 7' 14.524" E	22° 19' 33.327" N
P-82	83° 7' 13.303" E	22° 19' 33.435" N
P-83	83° 7' 12.339" E	22° 19' 33.606" N
P-84	83° 7' 11.269" E	22° 19' 33.841" N
P-85	83° 7' 10.241" E	22° 19' 34.205" N
P-86	83° 7' 9.020" E	22° 19' 34.677" N
P-87	83° 7' 8.206" E	22° 19' 34.998" N
P-88	83° 7' 7.093" E	22° 19' 35.448" N
P-89	83° 7' 5.679" E	22° 19' 35.769" N
P-90	83° 7' 4.801" E	22° 19' 36.154" N
P-91	83° 7' 3.945" E	22° 19' 36.775" N
P-92	83° 7' 2.745" E	22° 19' 37.782" N
P-93	83° 7' 1.567" E	22° 19' 38.917" N
P-94	83° 7' 0.197" E	22° 19' 39.902" N

Provisional Cardinal Points for RAMNAGAR Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	83° 6' 58.933" E	22° 19' 40.630" N
P-96	83° 6' 57.670" E	22° 19' 41.358" N
P-97	83° 6' 56.257" E	22° 19' 41.786" N
P-98	83° 6' 54.222" E	22° 19' 42.065" N
P-99	83° 6' 52.680" E	22° 19' 42.300" N
P-100	83° 6' 50.496" E	22° 19' 42.343" N
P-101	83° 6' 48.783" E	22° 19' 42.643" N
P-102	83° 6' 47.412" E	22° 19' 42.986" N
P-103	83° 6' 46.298" E	22° 19' 43.435" N
P-104	83° 6' 45.056" E	22° 19' 43.907" N
P-105	83° 6' 42.979" E	22° 19' 44.742" N
P-106	83° 6' 41.009" E	22° 19' 45.363" N
P-107	83° 6' 39.874" E	22° 19' 45.384" N
P-108	83° 6' 38.803" E	22° 19' 45.256" N
P-109	83° 6' 37.561" E	22° 19' 44.934" N
P-110	83° 6' 36.298" E	22° 19' 44.592" N
P-111	83° 6' 35.505" E	22° 19' 44.635" N
P-112	83° 6' 34.884" E	22° 19' 45.084" N
P-113	83° 6' 34.413" E	22° 19' 45.791" N
P-114	83° 6' 34.049" E	22° 19' 46.541" N
P-115	83° 6' 33.835" E	22° 19' 47.354" N
P-116	83° 6' 33.749" E	22° 19' 47.825" N
P-117	83° 6' 33.621" E	22° 19' 48.297" N
P-118	83° 6' 33.364" E	22° 19' 48.639" N
P-119	83° 6' 32.935" E	22° 19' 48.832" N
P-120	83° 6' 32.250" E	22° 19' 48.939" N
P-121	83° 6' 31.222" E	22° 19' 48.918" N
P-122	83° 6' 30.430" E	22° 19' 48.768" N
P-123	83° 6' 27.689" E	22° 19' 48.554" N
P-124	83° 6' 26.746" E	22° 19' 48.896" N
P-125	83° 6' 26.125" E	22° 19' 49.346" N
P-126	83° 6' 25.290" E	22° 19' 49.988" N
P-127	83° 6' 24.134" E	22° 19' 50.609" N
P-128	83° 6' 23.063" E	22° 19' 50.995" N
P-129	83° 6' 20.300" E	22° 19' 51.295" N
P-130	83° 6' 18.180" E	22° 19' 51.273" N
P-131	83° 6' 11.092" E	22° 19' 51.230" N
P-132	83° 6' 8.072" E	22° 19' 51.316" N
P-133	83° 6' 6.659" E	22° 19' 51.787" N
P-134	83° 6' 5.074" E	22° 19' 52.858" N
P-135	83° 6' 3.425" E	22° 19' 54.122" N
P-136	83° 6' 1.220" E	22° 19' 55.535" N
P-137	83° 5' 59.721" E	22° 19' 56.220" N
P-138	83° 5' 58.683" E	22° 19' 56.413" N
P-139	83° 5' 58.692" E	22° 20' 12.198" N
P-140	83° 5' 58.736" E	22° 20' 24.326" N
P-141	83° 5' 58.745" E	22° 20' 31.556" N

Provisional Cardinal Points for RAMNAGAR Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	83° 6' 2.041" E	22° 20' 31.666" N
P-143	83° 6' 5.667" E	22° 20' 31.787" N
P-144	83° 6' 9.292" E	22° 20' 31.909" N
P-145	83° 6' 12.918" E	22° 20' 32.030" N
P-146	83° 6' 16.544" E	22° 20' 32.151" N
P-147	83° 6' 16.543" E	22° 20' 32.176" N
P-148	83° 6' 20.086" E	22° 20' 32.294" N
P-149	83° 6' 23.630" E	22° 20' 32.412" N
P-150	83° 6' 27.173" E	22° 20' 32.530" N
P-151	83° 6' 30.716" E	22° 20' 32.647" N
P-152	83° 6' 34.259" E	22° 20' 32.765" N
P-153	83° 6' 37.802" E	22° 20' 32.883" N
P-154	83° 6' 41.345" E	22° 20' 33.001" N
P-155	83° 6' 44.888" E	22° 20' 33.119" N
P-156	83° 6' 48.431" E	22° 20' 33.236" N
P-157	83° 6' 51.974" E	22° 20' 33.354" N
P-158	83° 6' 55.518" E	22° 20' 33.472" N
P-159	83° 6' 59.061" E	22° 20' 33.590" N
P-160	83° 7' 2.604" E	22° 20' 33.707" N
P-161	83° 7' 6.147" E	22° 20' 33.825" N
P-162	83° 7' 9.690" E	22° 20' 33.943" N
P-163	83° 7' 13.233" E	22° 20' 34.060" N
P-164	83° 7' 16.776" E	22° 20' 34.178" N
P-165	83° 7' 20.319" E	22° 20' 34.295" N
P-166	83° 7' 23.863" E	22° 20' 34.413" N
P-167	83° 7' 27.406" E	22° 20' 34.530" N
P-168	83° 7' 30.949" E	22° 20' 34.648" N
P-169	83° 7' 34.492" E	22° 20' 34.765" N
P-170	83° 7' 38.035" E	22° 20' 34.883" N
P-171	83° 7' 41.578" E	22° 20' 35.000" N
P-172	83° 7' 45.121" E	22° 20' 35.118" N
P-173	83° 7' 48.665" E	22° 20' 35.235" N
P-174	83° 7' 52.208" E	22° 20' 35.352" N
P-175	83° 7' 55.751" E	22° 20' 35.470" N
P-176	83° 7' 59.294" E	22° 20' 35.587" N
P-177	83° 8' 2.837" E	22° 20' 35.704" N
P-178	83° 8' 17.010" E	22° 20' 36.173" N
P-179	83° 8' 20.553" E	22° 20' 36.291" N
P-180	83° 8' 22.612" E	22° 20' 36.359" N
P-181	83° 8' 59.528" E	22° 20' 37.578" N
P-182	83° 8' 59.838" E	22° 20' 17.772" N
P-183	83° 9' 7.161" E	22° 20' 17.864" N
P-184	83° 9' 7.698" E	22° 19' 46.673" N
P-185	83° 9' 7.772" E	22° 19' 42.340" N