

RAMCHANDI COAL BLOCK SUMMARY

PART A

Sl. No.	Features	Details
1.	Location	
	Coal Block	Ramchandi Block
	Latitude	20° 58' 25" to 21° 00' 05" (Provisional)
	Longitude	84° 56' 23" to 84° 59'15" (Provisional)
	Topo Sheet No.	F45M16 and F45S13
	Coalfield	Talcher
	Villages	Simlisahi, Chakradharpur, Chandupa, Sendhupal, Kudapal Pasi, Kosala
	Tehsil/Taluka	Angul, Chhendipada
	District	Angul
	State	Odisha
2.	Connectivity with Block	
	Nearest Rail Head	The nearest railhead is also Angul connected to Sambalpur-Talcher-Bhubaneswar railway line.
	Road	The block is connected by metaled road SH-63 to Angul then by NH 55 up to Manguli Chhak and thereafter through NH 16 via Cuttack to Bhubaneswar (152 km.). The block is connected via Angul to Sambalpur by NH 55 (180 km.)
	Airport	The Biju Pattanaik International Airport, located in the state capital Bhubaneswar, is the nearest airport from the Ramchandi block at a distance of about 200 km.
3.	Area	
	Geological Block Area	12.38 sq.km. (As per shape file. Refer Note No. 3)
	Forest Area	Approx. 9% (As Per FSI map)
	Non-Forest Area	Approx. 91%
4.	Climate and Topography	
	Average Annual Rainfall	71-186 cm
	Temperature (Min. — Max.)	6.2°C to 45.0°C
	Local Surface Drainage Channels	Predominantly soil covered with gentle slope. The main drainage is controlled by southerly flowing Brahmani river and fed by various seasonal nalas tikra jhor, singhada jhor, bangaru jhod, nandira jhod.
	Rivers	The main drainage is controlled by southerly flowing Brahmani river
5.	Exploration	
	Status	Explored
	Exploration Agency	GSI, CMPDI
	Total Number of Boreholes with meterage	79 Boreholes; 31337.20m

	Borehole Density	Approx. 6.4 bh/sq.km			
	General Dip of Seams	The dip is towards north varying around 5°-8°.			
	General Strike Direction	Strike is generally E-W with local variations.			
	Faults	The block is traversed by 6 no. of faults viz., F1-F1 to F6-F6 having varying throw from 0 to 20m.			
6.	Coal Seams & Reserve (Net Proved: 2096.317 MT, Gross Indicated: 1080.494 MT, Gross Inferred: 110.271 MT; Total: 3287.082 MT)				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)	Grade
	XI TOP	8.17-8.65	257.04-281.50	4.135	G12-G15
	XI BOT	6.20-7.10	266.80-291.40	3.447	G12-G13
	XI COMB.	11.16-17.77	57.75-271.82	303.28	G12-G17
	X	2.63-8.25	76.28-281.32	54.254	G13-G16
	IX	22.52-28.19	101.99-290.25	203.383	G11-G16
	X + IX	32.15-40.88	110.62-317.20	399.917	G11-G15
	VIII	16.20-23.55	128.64-371.49	327.408	G10-UG
	VII TOP	3.40-14.44	152.00-389.72	112.277	G9-G15
	VIII + VII TOP	28.52-33.61	250.66-347.80	99.684	G13
	VII BOT	0.43-7.45	159.99-404.60	82.084	G10-UG
	VI	0.28-7.68	169.53-409.71	92.846	G9-UG
	V	3.62-14.86	176.49-405.33	209.487	G12-G17
	IV	3.49-11.94	191.18-405.57	137.35	G13-G16
	V + IV	17.39-23.56	296.15-418.24	41.196	G14-G16
	III TOP	22.34-32.00	199.50-422.90	157.983	G11-G14
	III BOT TOP	6.68-7.50	255.25-281.48	5.487	G9-G10
	IIITOP+IIIBOT T	32.38-37.47	210.07-274.70	34.563	G12-G13
	III BOT BOT	2.90-3.90	248.10-314.38	6.213	G11-G13
	III BOT COMB.	7.70-21.10	238.52-448.40	73.173	G7-G13
	IIITOP+IIIBOT	40.70-48.99	296.43-444.20	548.906	G10-G12
	II TOP	0.72-6.70	255.86-323.93	9.6	G13-G16
	II MID	0.22-6.17	259.70-326.72	4.946	G10-G17
	II TOP+MID	4.37-10.34	279.17-498.00	122.598	G9-G17
	II BOT	1.18-5.72	271.35-509.25	50.394	G7-G17
	LOCAL2	0.88-5.68	284.84-470.96	42.251	G10-G15
	II BOT+LOCAL2	5.15-11.88	385.12-513.00	28.53	G12-G15
	LOCAL1	0.22-2.76	299.93-522.49	15.75	G9-G16
	LOCAL2+LOCAL1	4.96-7.34	496.74-516.29	5.669	G12-G15
	I A (LOCAL1/ LOCAL2+LOCAL1 & I A)	0.45-0.59	506.20-559.64		
	I B	0.80-5.44	429.66-583.00	49.022	
	I C	0.63-1.30	438.63-599.64		
	I D	3.05-7.32	499.30-628.00	61.249	
	I E	1.01-2.73	579.89-637.45		
		Total		3287.082	
7.	Surface Constraints	Rivers on the eastern and southern boundaries. SH-63 passes through the block.			
8.	Grade of Coal	G13 (Provisional) based on weighted average grade as per grade-wise data in the DGR.			
9.	Decision Support System (DSS) Analysis	Polygon touches wildlife habitat-Sloth Bear			

10.	Eco Sensitive Zone (ESZ) Analysis	Approx. 11 kms to the Simlipal-Satkosia Tiger Corridor from the SW block boundary, 28.1 kms to the Sambalpur Elephant Reserve and approx. 12 kms to the Mahanadi Elephant Reserve from the South-western block boundary.
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PART B

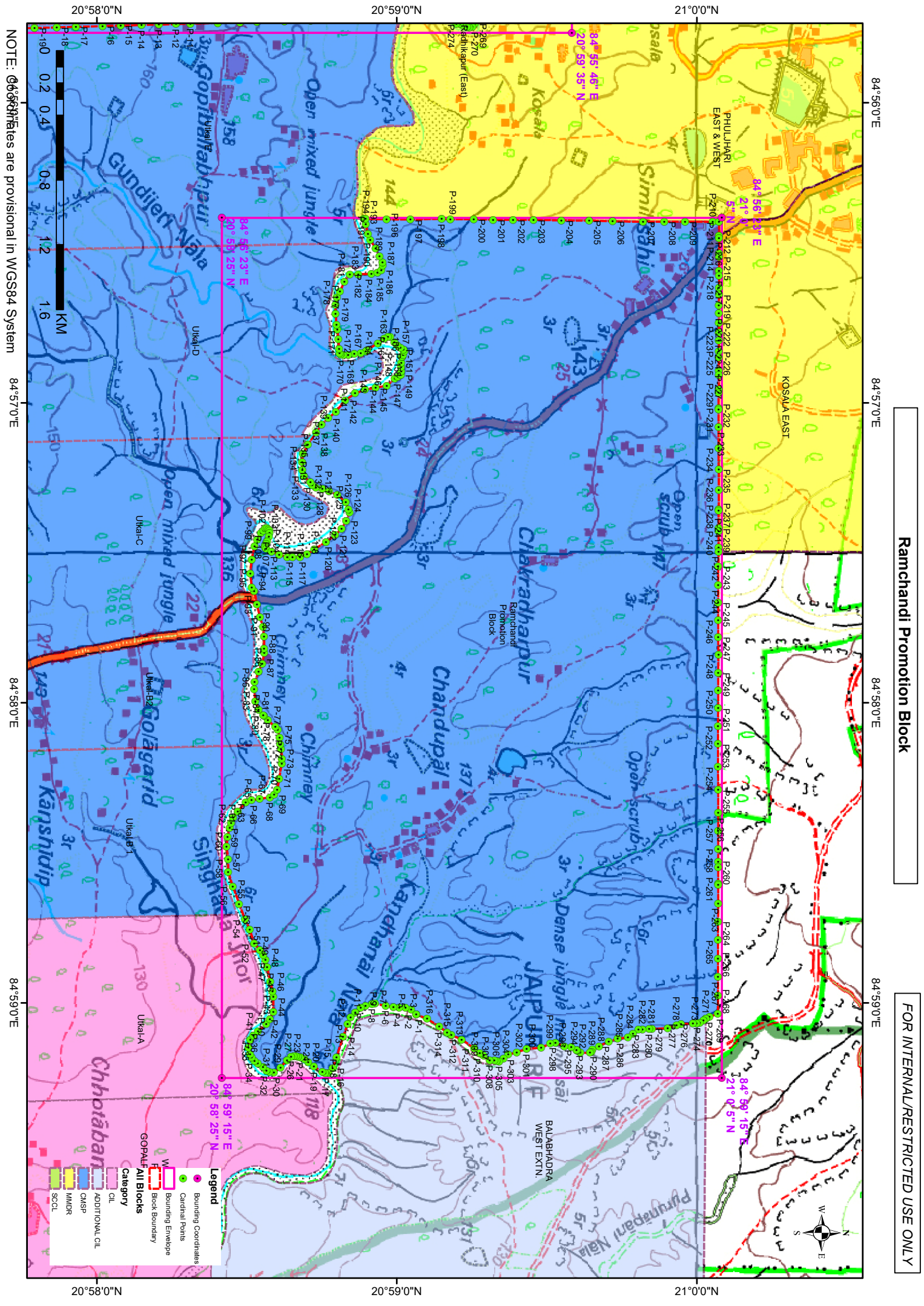
Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Jindal Steel & Power Limited
2.	Target Capacity as per Mining Plan	
	Tentatively estimated PRC	12 Mty
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	NA
	Forest Clearance	NA
	Environmental Clearance	NA
	Mining Lease	NA
	Land Acquisition	NA

Note:

1. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.
2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There is a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.
4. The summary is compiled from Draft Geological Report on Coal Exploration, Ramchandi Block, Talcher Coalfield.

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 update 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.



84°56'0"E 84°57'0"E 84°58'0"E 84°59'0"E

Ramchandi Promotion Block

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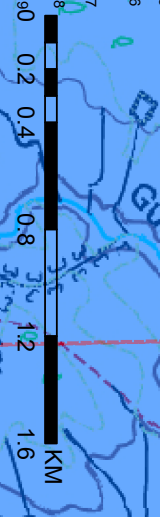
20°58'0"N 20°59'0"N 21°0'0"N

84°57'0"E

84°58'0"E

84°59'0"E

NOTE: Coordinates are provisional in WGS84 System



Legend

- Cardinal Points
- Bounding Envelope
- Block Boundary
- Bounding Coordinates
- GOPAL All Blocks
- Category
- IL
- ADDITIONAL IL
- OMSP
- MIMR
- SCCL



20°58'0"N 20°59'0"N 21°0'0"N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	84° 59' 2.294" E	20° 59' 3.881" N
P-2	84° 59' 1.397" E	20° 59' 2.897" N
P-3	84° 59' 0.989" E	20° 59' 1.705" N
P-4	84° 59' 0.980" E	20° 59' 0.464" N
P-5	84° 59' 0.897" E	20° 58' 59.340" N
P-6	84° 59' 0.529" E	20° 58' 57.751" N
P-7	84° 59' 0.190" E	20° 58' 55.625" N
P-8	84° 59' 0.236" E	20° 58' 55.016" N
P-9	84° 59' 0.527" E	20° 58' 53.710" N
P-10	84° 59' 0.960" E	20° 58' 52.778" N
P-11	84° 59' 1.978" E	20° 58' 51.671" N
P-12	84° 59' 2.924" E	20° 58' 50.770" N
P-13	84° 59' 4.276" E	20° 58' 50.142" N
P-14	84° 59' 6.797" E	20° 58' 49.231" N
P-15	84° 59' 10.855" E	20° 58' 47.932" N
P-16	84° 59' 13.048" E	20° 58' 47.127" N
P-17	84° 59' 13.958" E	20° 58' 46.295" N
P-18	84° 59' 14.027" E	20° 58' 45.676" N
P-19	84° 59' 13.803" E	20° 58' 45.092" N
P-20	84° 59' 12.698" E	20° 58' 43.395" N
P-21	84° 59' 11.920" E	20° 58' 42.289" N
P-22	84° 59' 11.269" E	20° 58' 41.515" N
P-23	84° 59' 10.897" E	20° 58' 40.717" N
P-24	84° 59' 10.759" E	20° 58' 40.262" N
P-25	84° 59' 10.664" E	20° 58' 39.810" N
P-26	84° 59' 10.620" E	20° 58' 39.341" N
P-27	84° 59' 10.736" E	20° 58' 38.862" N
P-28	84° 59' 11.481" E	20° 58' 38.052" N
P-29	84° 59' 12.937" E	20° 58' 36.735" N
P-30	84° 59' 13.944" E	20° 58' 35.415" N
P-31	84° 59' 13.829" E	20° 58' 34.502" N
P-32	84° 59' 13.563" E	20° 58' 33.954" N
P-33	84° 59' 12.800" E	20° 58' 33.227" N
P-34	84° 59' 12.143" E	20° 58' 32.155" N
P-35	84° 59' 11.634" E	20° 58' 31.502" N
P-36	84° 59' 10.871" E	20° 58' 30.998" N
P-37	84° 59' 10.240" E	20° 58' 30.636" N
P-38	84° 59' 8.929" E	20° 58' 30.287" N
P-39	84° 59' 7.382" E	20° 58' 30.692" N
P-40	84° 59' 6.581" E	20° 58' 31.317" N
P-41	84° 59' 5.635" E	20° 58' 32.252" N
P-42	84° 59' 4.291" E	20° 58' 33.878" N
P-43	84° 59' 3.270" E	20° 58' 34.607" N
P-44	84° 59' 1.809" E	20° 58' 35.304" N
P-45	84° 58' 58.800" E	20° 58' 35.286" N
P-46	84° 58' 57.694" E	20° 58' 35.140" N
P-47	84° 58' 55.704" E	20° 58' 34.690" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	84° 58' 52.895" E	20° 58' 34.043" N
P-49	84° 58' 51.461" E	20° 58' 33.690" N
P-50	84° 58' 50.422" E	20° 58' 33.261" N
P-51	84° 58' 49.409" E	20° 58' 32.616" N
P-52	84° 58' 48.160" E	20° 58' 31.473" N
P-53	84° 58' 45.375" E	20° 58' 30.563" N
P-54	84° 58' 43.330" E	20° 58' 29.665" N
P-55	84° 58' 40.189" E	20° 58' 28.472" N
P-56	84° 58' 36.690" E	20° 58' 27.177" N
P-57	84° 58' 33.771" E	20° 58' 26.266" N
P-58	84° 58' 31.262" E	20° 58' 26.260" N
P-59	84° 58' 28.804" E	20° 58' 25.945" N
P-60	84° 58' 26.790" E	20° 58' 26.129" N
P-61	84° 58' 24.980" E	20° 58' 26.605" N
P-62	84° 58' 24.004" E	20° 58' 26.857" N
P-63	84° 58' 22.942" E	20° 58' 27.249" N
P-64	84° 58' 21.661" E	20° 58' 28.153" N
P-65	84° 58' 19.887" E	20° 58' 29.777" N
P-66	84° 58' 19.459" E	20° 58' 30.898" N
P-67	84° 58' 19.219" E	20° 58' 32.556" N
P-68	84° 58' 18.867" E	20° 58' 34.601" N
P-69	84° 58' 18.415" E	20° 58' 35.443" N
P-70	84° 58' 17.343" E	20° 58' 36.095" N
P-71	84° 58' 15.170" E	20° 58' 36.431" N
P-72	84° 58' 12.151" E	20° 58' 36.987" N
P-73	84° 58' 11.129" E	20° 58' 37.026" N
P-74	84° 58' 9.242" E	20° 58' 36.861" N
P-75	84° 58' 8.294" E	20° 58' 36.663" N
P-76	84° 58' 6.938" E	20° 58' 36.581" N
P-77	84° 58' 5.378" E	20° 58' 36.161" N
P-78	84° 58' 4.802" E	20° 58' 35.669" N
P-79	84° 58' 3.452" E	20° 58' 34.225" N
P-80	84° 58' 2.597" E	20° 58' 33.452" N
P-81	84° 58' 2.476" E	20° 58' 33.301" N
P-82	84° 58' 1.363" E	20° 58' 32.331" N
P-83	84° 57' 59.655" E	20° 58' 31.671" N
P-84	84° 57' 57.293" E	20° 58' 31.447" N
P-85	84° 57' 55.862" E	20° 58' 31.539" N
P-86	84° 57' 53.779" E	20° 58' 32.327" N
P-87	84° 57' 52.135" E	20° 58' 33.034" N
P-88	84° 57' 50.048" E	20° 58' 33.493" N
P-89	84° 57' 49.128" E	20° 58' 33.457" N
P-90	84° 57' 46.777" E	20° 58' 33.439" N
P-91	84° 57' 44.776" E	20° 58' 33.221" N
P-92	84° 57' 42.877" E	20° 58' 32.640" N
P-93	84° 57' 40.277" E	20° 58' 31.998" N
P-94	84° 57' 37.614" E	20° 58' 31.465" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	84° 57' 36.907" E	20° 58' 30.974" N
P-96	84° 57' 34.112" E	20° 58' 30.682" N
P-97	84° 57' 31.277" E	20° 58' 30.947" N
P-98	84° 57' 28.751" E	20° 58' 31.519" N
P-99	84° 57' 27.360" E	20° 58' 32.042" N
P-100	84° 57' 25.979" E	20° 58' 32.857" N
P-101	84° 57' 25.475" E	20° 58' 33.314" N
P-102	84° 57' 25.125" E	20° 58' 33.688" N
P-103	84° 57' 25.128" E	20° 58' 34.019" N
P-104	84° 57' 25.262" E	20° 58' 34.307" N
P-105	84° 57' 25.528" E	20° 58' 34.512" N
P-106	84° 57' 25.990" E	20° 58' 34.551" N
P-107	84° 57' 26.826" E	20° 58' 34.401" N
P-108	84° 57' 27.661" E	20° 58' 34.045" N
P-109	84° 57' 28.166" E	20° 58' 33.835" N
P-110	84° 57' 28.605" E	20° 58' 33.667" N
P-111	84° 57' 28.891" E	20° 58' 33.665" N
P-112	84° 57' 29.223" E	20° 58' 33.849" N
P-113	84° 57' 29.759" E	20° 58' 34.941" N
P-114	84° 57' 30.343" E	20° 58' 36.466" N
P-115	84° 57' 30.838" E	20° 58' 38.075" N
P-116	84° 57' 30.827" E	20° 58' 39.155" N
P-117	84° 57' 30.801" E	20° 58' 40.609" N
P-118	84° 57' 30.278" E	20° 58' 42.021" N
P-119	84° 57' 29.335" E	20° 58' 43.472" N
P-120	84° 57' 27.776" E	20° 58' 45.822" N
P-121	84° 57' 26.433" E	20° 58' 47.654" N
P-122	84° 57' 25.160" E	20° 58' 48.969" N
P-123	84° 57' 23.554" E	20° 58' 49.874" N
P-124	84° 57' 21.910" E	20° 58' 50.538" N
P-125	84° 57' 21.322" E	20° 58' 50.335" N
P-126	84° 57' 19.853" E	20° 58' 49.759" N
P-127	84° 57' 18.411" E	20° 58' 48.074" N
P-128	84° 57' 17.683" E	20° 58' 46.438" N
P-129	84° 57' 17.215" E	20° 58' 45.117" N
P-130	84° 57' 16.900" E	20° 58' 43.777" N
P-131	84° 57' 16.444" E	20° 58' 43.067" N
P-132	84° 57' 15.924" E	20° 58' 42.676" N
P-133	84° 57' 14.647" E	20° 58' 41.446" N
P-134	84° 57' 13.463" E	20° 58' 41.091" N
P-135	84° 57' 11.841" E	20° 58' 41.050" N
P-136	84° 57' 10.221" E	20° 58' 41.215" N
P-137	84° 57' 8.414" E	20° 58' 42.206" N
P-138	84° 57' 5.952" E	20° 58' 43.847" N
P-139	84° 57' 4.311" E	20° 58' 44.933" N
P-140	84° 57' 3.084" E	20° 58' 46.274" N
P-141	84° 57' 1.766" E	20° 58' 47.787" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	84° 56' 59.452" E	20° 58' 49.642" N
P-143	84° 56' 58.065" E	20° 58' 51.664" N
P-144	84° 56' 57.391" E	20° 58' 53.604" N
P-145	84° 56' 56.966" E	20° 58' 55.749" N
P-146	84° 56' 56.542" E	20° 58' 57.971" N
P-147	84° 56' 55.188" E	20° 58' 59.573" N
P-148	84° 56' 54.775" E	20° 59' 0.167" N
P-149	84° 56' 54.413" E	20° 59' 0.793" N
P-150	84° 56' 53.772" E	20° 59' 0.904" N
P-151	84° 56' 52.855" E	20° 59' 0.852" N
P-152	84° 56' 52.033" E	20° 59' 0.924" N
P-153	84° 56' 50.858" E	20° 59' 1.064" N
P-154	84° 56' 50.787" E	20° 59' 1.066" N
P-155	84° 56' 50.408" E	20° 59' 1.247" N
P-156	84° 56' 49.678" E	20° 59' 1.531" N
P-157	84° 56' 49.287" E	20° 59' 1.361" N
P-158	84° 56' 48.962" E	20° 59' 0.761" N
P-159	84° 56' 48.545" E	20° 59' 0.054" N
P-160	84° 56' 47.964" E	20° 58' 59.524" N
P-161	84° 56' 46.749" E	20° 58' 58.654" N
P-162	84° 56' 46.719" E	20° 58' 58.190" N
P-163	84° 56' 47.126" E	20° 58' 57.464" N
P-164	84° 56' 48.079" E	20° 58' 56.194" N
P-165	84° 56' 49.411" E	20° 58' 54.070" N
P-166	84° 56' 49.645" E	20° 58' 53.785" N
P-167	84° 56' 50.043" E	20° 58' 52.810" N
P-168	84° 56' 50.263" E	20° 58' 51.496" N
P-169	84° 56' 50.415" E	20° 58' 50.291" N
P-170	84° 56' 50.431" E	20° 58' 49.258" N
P-171	84° 56' 50.279" E	20° 58' 48.722" N
P-172	84° 56' 50.037" E	20° 58' 48.508" N
P-173	84° 56' 49.189" E	20° 58' 48.449" N
P-174	84° 56' 47.287" E	20° 58' 48.310" N
P-175	84° 56' 45.307" E	20° 58' 48.089" N
P-176	84° 56' 44.399" E	20° 58' 47.888" N
P-177	84° 56' 42.255" E	20° 58' 47.772" N
P-178	84° 56' 40.303" E	20° 58' 47.733" N
P-179	84° 56' 38.931" E	20° 58' 48.025" N
P-180	84° 56' 37.726" E	20° 58' 48.626" N
P-181	84° 56' 35.763" E	20° 58' 49.506" N
P-182	84° 56' 34.314" E	20° 58' 50.599" N
P-183	84° 56' 34.270" E	20° 58' 52.277" N
P-184	84° 56' 34.234" E	20° 58' 54.936" N
P-185	84° 56' 33.967" E	20° 58' 56.125" N
P-186	84° 56' 33.478" E	20° 58' 56.876" N
P-187	84° 56' 32.518" E	20° 58' 57.166" N
P-188	84° 56' 31.858" E	20° 58' 57.118" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	84° 56' 30.645" E	20° 58' 56.532" N
P-190	84° 56' 29.128" E	20° 58' 55.767" N
P-191	84° 56' 27.417" E	20° 58' 54.667" N
P-192	84° 56' 26.177" E	20° 58' 54.210" N
P-193	84° 56' 24.250" E	20° 58' 53.757" N
P-194	84° 56' 23.216" E	20° 58' 53.402" N
P-195	84° 56' 23.213" E	20° 58' 53.709" N
P-196	84° 56' 23.291" E	20° 58' 57.940" N
P-197	84° 56' 23.343" E	20° 59' 2.724" N
P-198	84° 56' 23.185" E	20° 59' 8.946" N
P-199	84° 56' 23.301" E	20° 59' 10.707" N
P-200	84° 56' 23.267" E	20° 59' 15.348" N
P-201	84° 56' 23.370" E	20° 59' 19.258" N
P-202	84° 56' 23.376" E	20° 59' 23.284" N
P-203	84° 56' 23.381" E	20° 59' 27.309" N
P-204	84° 56' 23.508" E	20° 59' 32.934" N
P-205	84° 56' 23.539" E	20° 59' 38.430" N
P-206	84° 56' 23.675" E	20° 59' 43.165" N
P-207	84° 56' 23.781" E	20° 59' 49.264" N
P-208	84° 56' 23.776" E	20° 59' 53.454" N
P-209	84° 56' 23.771" E	20° 59' 57.644" N
P-210	84° 56' 23.792" E	21° 0' 3.205" N
P-211	84° 56' 23.798" E	21° 0' 4.456" N
P-212	84° 56' 26.631" E	21° 0' 4.448" N
P-213	84° 56' 27.013" E	21° 0' 4.447" N
P-214	84° 56' 30.106" E	21° 0' 4.438" N
P-215	84° 56' 30.798" E	21° 0' 4.436" N
P-216	84° 56' 33.581" E	21° 0' 4.428" N
P-217	84° 56' 34.582" E	21° 0' 4.425" N
P-218	84° 56' 37.056" E	21° 0' 4.418" N
P-219	84° 56' 38.367" E	21° 0' 4.414" N
P-220	84° 56' 40.531" E	21° 0' 4.408" N
P-221	84° 56' 42.151" E	21° 0' 4.403" N
P-222	84° 56' 44.006" E	21° 0' 4.398" N
P-223	84° 56' 45.935" E	21° 0' 4.392" N
P-224	84° 56' 47.482" E	21° 0' 4.388" N
P-225	84° 56' 49.720" E	21° 0' 4.381" N
P-226	84° 56' 50.957" E	21° 0' 4.377" N
P-227	84° 56' 53.504" E	21° 0' 4.370" N
P-228	84° 56' 54.432" E	21° 0' 4.367" N
P-229	84° 56' 57.289" E	21° 0' 4.359" N
P-230	84° 56' 57.907" E	21° 0' 4.357" N
P-231	84° 57' 1.073" E	21° 0' 4.348" N
P-232	84° 57' 1.382" E	21° 0' 4.347" N
P-233	84° 57' 4.857" E	21° 0' 4.337" N
P-234	84° 57' 9.067" E	21° 0' 4.348" N
P-235	84° 57' 13.276" E	21° 0' 4.359" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-236	84° 57' 17.485" E	21° 0' 4.370" N
P-237	84° 57' 21.284" E	21° 0' 4.351" N
P-238	84° 57' 21.577" E	21° 0' 4.350" N
P-239	84° 57' 25.082" E	21° 0' 4.333" N
P-240	84° 57' 25.668" E	21° 0' 4.330" N
P-241	84° 57' 28.880" E	21° 0' 4.314" N
P-242	84° 57' 29.759" E	21° 0' 4.310" N
P-243	84° 57' 32.678" E	21° 0' 4.296" N
P-244	84° 57' 36.477" E	21° 0' 4.277" N
P-245	84° 57' 39.950" E	21° 0' 4.284" N
P-246	84° 57' 43.424" E	21° 0' 4.290" N
P-247	84° 57' 46.897" E	21° 0' 4.297" N
P-248	84° 57' 50.371" E	21° 0' 4.304" N
P-249	84° 57' 53.939" E	21° 0' 4.287" N
P-250	84° 57' 57.507" E	21° 0' 4.270" N
P-251	84° 58' 1.076" E	21° 0' 4.254" N
P-252	84° 58' 4.644" E	21° 0' 4.237" N
P-253	84° 58' 8.212" E	21° 0' 4.220" N
P-254	84° 58' 12.812" E	21° 0' 4.241" N
P-255	84° 58' 17.412" E	21° 0' 4.262" N
P-256	84° 58' 22.012" E	21° 0' 4.283" N
P-257	84° 58' 25.614" E	21° 0' 4.277" N
P-258	84° 58' 29.216" E	21° 0' 4.271" N
P-259	84° 58' 31.745" E	21° 0' 4.267" N
P-260	84° 58' 32.818" E	21° 0' 4.265" N
P-261	84° 58' 36.123" E	21° 0' 4.259" N
P-262	84° 58' 36.420" E	21° 0' 4.259" N
P-263	84° 58' 40.100" E	21° 0' 4.253" N
P-264	84° 58' 43.780" E	21° 0' 4.247" N
P-265	84° 58' 47.460" E	21° 0' 4.242" N
P-266	84° 58' 51.140" E	21° 0' 4.236" N
P-267	84° 58' 54.820" E	21° 0' 4.230" N
P-268	84° 58' 58.509" E	21° 0' 4.207" N
P-269	84° 59' 2.199" E	21° 0' 4.184" N
P-270	84° 59' 2.792" E	21° 0' 2.507" N
P-271	84° 59' 3.193" E	21° 0' 1.807" N
P-272	84° 59' 3.205" E	21° 0' 1.785" N
P-273	84° 59' 3.463" E	21° 0' 1.334" N
P-274	84° 59' 3.940" E	21° 0' 0.614" N
P-275	84° 59' 4.133" E	20° 59' 59.949" N
P-276	84° 59' 4.184" E	20° 59' 59.205" N
P-277	84° 59' 4.199" E	20° 59' 56.822" N
P-278	84° 59' 4.449" E	20° 59' 55.960" N
P-279	84° 59' 5.059" E	20° 59' 54.166" N
P-280	84° 59' 5.230" E	20° 59' 50.999" N
P-281	84° 59' 5.190" E	20° 59' 50.483" N
P-282	84° 59' 5.237" E	20° 59' 49.126" N

Provisional Cardinal Points for Ramchandi Promotion Block Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-283	84° 59' 5.348" E	20° 59' 48.349" N
P-284	84° 59' 6.219" E	20° 59' 47.208" N
P-285	84° 59' 6.908" E	20° 59' 46.240" N
P-286	84° 59' 7.113" E	20° 59' 44.174" N
P-287	84° 59' 7.724" E	20° 59' 42.380" N
P-288	84° 59' 8.662" E	20° 59' 40.413" N
P-289	84° 59' 9.386" E	20° 59' 39.101" N
P-290	84° 59' 9.772" E	20° 59' 38.871" N
P-291	84° 59' 9.953" E	20° 59' 38.625" N
P-292	84° 59' 9.967" E	20° 59' 36.689" N
P-293	84° 59' 9.516" E	20° 59' 36.078" N
P-294	84° 59' 9.508" E	20° 59' 36.061" N
P-295	84° 59' 9.427" E	20° 59' 35.959" N
P-296	84° 59' 8.772" E	20° 59' 34.890" N
P-297	84° 59' 8.707" E	20° 59' 33.497" N
P-298	84° 59' 7.944" E	20° 59' 31.731" N
P-299	84° 59' 8.138" E	20° 59' 30.687" N
P-300	84° 59' 8.949" E	20° 59' 28.876" N
P-301	84° 59' 9.208" E	20° 59' 25.947" N
P-302	84° 59' 9.890" E	20° 59' 23.982" N
P-303	84° 59' 10.331" E	20° 59' 22.288" N
P-304	84° 59' 11.135" E	20° 59' 21.341" N
P-305	84° 59' 11.706" E	20° 59' 20.486" N
P-306	84° 59' 11.593" E	20° 59' 19.900" N
P-307	84° 59' 11.503" E	20° 59' 19.476" N
P-308	84° 59' 11.451" E	20° 59' 18.562" N
P-309	84° 59' 10.569" E	20° 59' 17.328" N
P-310	84° 59' 10.102" E	20° 59' 16.592" N
P-311	84° 59' 9.096" E	20° 59' 15.491" N
P-312	84° 59' 7.335" E	20° 59' 12.977" N
P-313	84° 59' 6.410" E	20° 59' 10.899" N
P-314	84° 59' 5.900" E	20° 59' 10.051" N
P-315	84° 59' 4.740" E	20° 59' 8.485" N
P-316	84° 59' 3.184" E	20° 59' 6.052" N