JOGESHWAR COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1.	**Location**	
	Coal Block	Jogeshwar & Khas Jogeshwar
	Latitude	23° 45' 31" - 23° 46' 45" (Provisional)
	Longitude	85° 35' 29" - 85° 37' 58" (Provisional)
	Topo Sheet No.	73 E/9
	Coalfield	West Bokaro
	Villages	Gose
	Tehsil/Taluka	
	District	Ramgarh
	State	Jharkhand
2.	**Connectivity with Block**	
	Nearest Rail Head	The Gomoh-Barkakana loop line of the Eastern Railway is located in the eastern part of the coalfield. The Jagesar Bihar railway station in this line is located at a distance of about 2 km from the southern limit of the block. Chainpur is another important railway station on this line located at a distance of about 5 km to the south-west.
	Road	The Ranchi-Hazaribagh road (National Highway-33) passes through the western part of the coalfield. A black topped road branching off from this highway near Charhi runs to Ghato and Kedla, the two important mining centres. Another tar road branching off from this highway near Kuju is located in the southern part of the coalfield. The Jogeshwar block is approachable by the road branching from the NH-33 near Kuju. The distance of Jogeshwar block from NH-33 is about 14 km.
	Airport	Nearest airport is at Ranchi at a distance of about 65 km from the block.
3.	**Area**	
	Geological Block Area	2.66 sq.km. (As per shape file; Refer Below)
	Forest Area	Approx. 19% (As per FSI map)
	Non-Forest Area	Approx. 81% (As per FSI map)
4.	**Climate and Topography**	
	Average Annual Rainfall	1200-1400 mm
	Temperature (Min. — Max.)	10°C-45°C
	Local Surface Drainage Channels	The drainage of the block is controlled by Bokaro river. This river flows from west to east along the northern limit of the block. Besides this, 4 perennial nalas namely Lachman Hir, Bisramhir, Sankattwa and Hathwa Jharna are also located in the eastern, central and western parts of the block respectively.

	Rivers	Bokaro River in the northern limit of the block.
5.	**Exploration**	
	Status	Partly Explored
	Exploration Agency	MECL
	Total Number of Boreholes with meterage	18 Boreholes; 3836.51 m
	Borehole Density	Approx. 6 Boreholes/sq.km.
	General Dip of Seams	Dip of the formation around 30° due north.
	General Strike Direction	General strike of the formations is almost east-west over the major part of the block.
6.	**Coal Seams & Reserve**	

Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)		Grade
			Proved	Indicated	
XII	0.80	26.60			
XI	Not developed				
XA	0.38	26.32-39.35			
X	2.50-4.20	13.60-64.90		4.692	WIII-WIV
IXA	0.60-1.70				
IX	0.20-4.80	17.45-100.90		2.909	WIII
VIIIC	0.27-1.15				
VIIIB	0.25-1.00				
VIIIA	0.40-1.41				
VIII	0.35-5.85	27.93-188.00		6.010	WI-UNG
VIIC	0.10-1.70				
VIIB	0.56-2.80				
VIIA	0.08-1.50				
VII/VI	3.50-13.15	91.35-281.90	0.429	12.365	WIV-UNG
V	3.60-11.23	19.79-295.40	2.626	21.377	WIII-UNG
IV	1.20-2.40	42.50-298.60	0.553	5.309	WIII-UNG
IIIA	0.07-0.75				
III	4.14-9.92	49.34-349.00	2.498	18.758	WIV-UNG
IIB	0.20-2.15				
L-2	0.30-3.42	102.50-250.00	0.525	1.465	UNG
IIA	0.40-3.30	15.27-404.00	0.629	3.885	WIV-UNG
L-1	0.25-1.69				
	Total		**7.260**	**76.770**	
	Grand Total		**84.030**		

7.	**Surface Constraints**	Bokaro river on the northern boundary.
8.	**Grade of the block**	W-IV (Provisional) based on weighted average grade as per grade-wise data available in GR.
9.	**Decision Support System (DSS) Analysis**	Hydrology Info: Polygon touches Bokaro Nadi
10.	**Eco Sensitive Zone (ESZ) Analysis**	Approx. 35.2 km to the Hazaribagh ESZ from the North-western block boundary and 49 km to the Parasnath ESZ from the North-eastern block boundary.

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name and Address of Allocatee	*M/s Jharkhand State Mineral Development Corporation Ltd(A Govt of Jharkhand undertaking), Ranchi-834002, Jharkhand (India)*
2.	**Target Capacity as per Mining Plan**	***0.60 Mty***
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	*NOT APPROVED*
	Forest Clearance	*NOT APPROVED*
	Environmental Clearance	*NOT APPROVED*
	Mining Lease	*NOT APPLIED*
	Land Acquisition	*NIL*
	No. of PAFs	*NIL(as per draft Mining Plan)*
4.	Surface Infrastructure already built, if any.	*Nil*

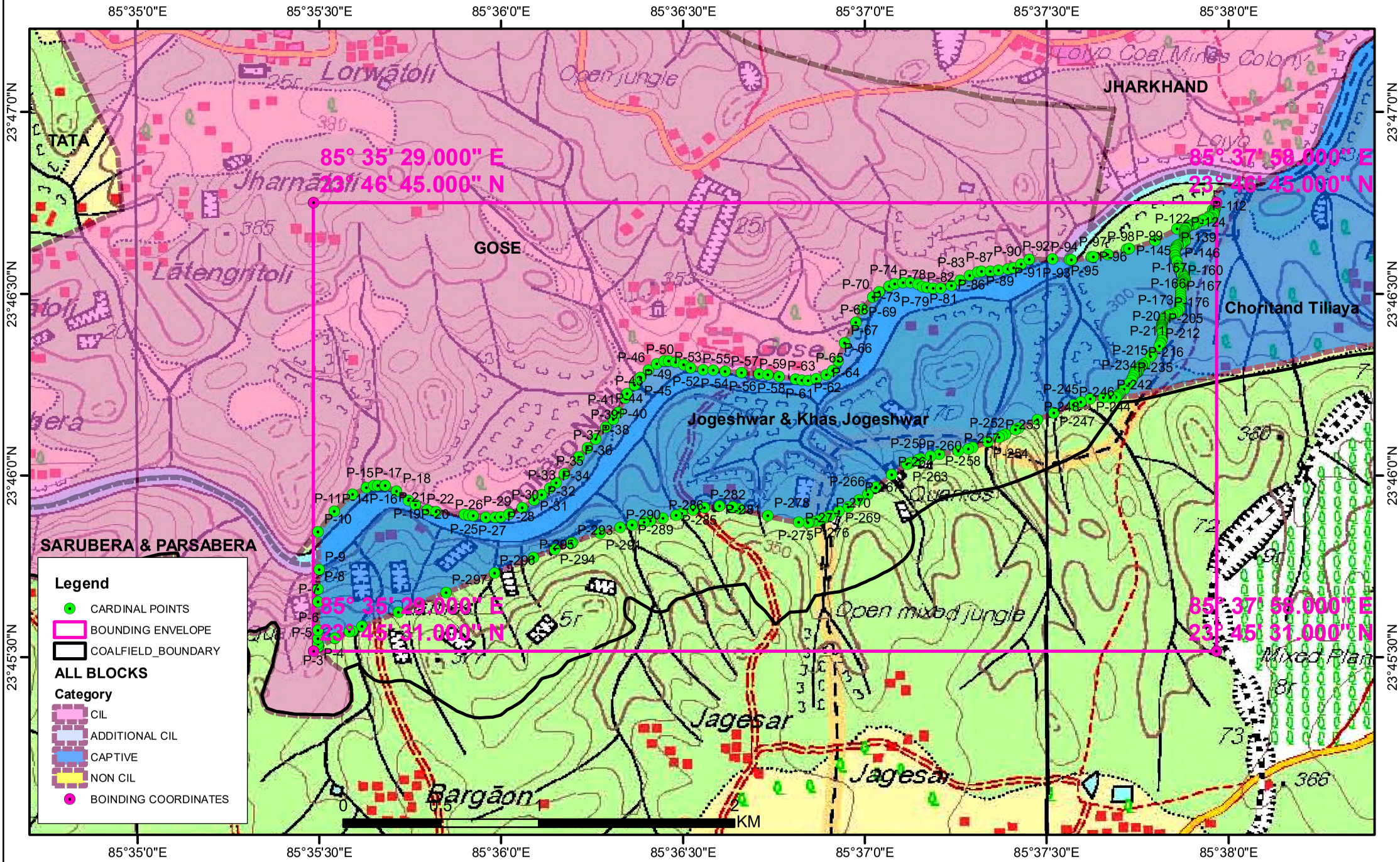
Note:

1. 13 boreholes by MECL & 5 boreholes by GSI, 2 boreholes out of 13 boreholes drilled by MECL in an area of 2.0 sqkm. encountered metamorphic rocks at a very shallow depth and are barren, hence effectively 11 boreholes by MECL were drilled in the block.
2. The above data is compiled from Geological Report, Mining Plan, Mine Closure Plan, Environmental Clearance and the data furnished by the prior allottee in relevant Annexures, as available. For clarifications with regard to above data, please refer aforesaid source documents.
3. 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.
4. 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.

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.

Jogeshwar & Khas Jogeshwar Block, West Bokaro Coalfield



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	85° 35' 32.470" E	23° 45' 33.122" N
P-2	85° 35' 29.835" E	23° 45' 31.741" N
P-3	85° 35' 29.749" E	23° 45' 31.700" N
P-4	85° 35' 29.743" E	23° 45' 32.194" N
P-5	85° 35' 29.739" E	23° 45' 33.043" N
P-6	85° 35' 29.731" E	23° 45' 34.463" N
P-7	85° 35' 29.703" E	23° 45' 39.162" N
P-8	85° 35' 29.752" E	23° 45' 41.173" N
P-9	85° 35' 29.892" E	23° 45' 44.464" N
P-10	85° 35' 29.767" E	23° 45' 50.656" N
P-11	85° 35' 32.417" E	23° 45' 54.089" N
P-12	85° 35' 35.425" E	23° 45' 56.826" N
P-13	85° 35' 37.772" E	23° 45' 57.955" N
P-14	85° 35' 38.925" E	23° 45' 58.309" N
P-15	85° 35' 39.567" E	23° 45' 58.347" N
P-16	85° 35' 40.748" E	23° 45' 58.343" N
P-17	85° 35' 40.847" E	23° 45' 58.321" N
P-18	85° 35' 42.743" E	23° 45' 57.419" N
P-19	85° 35' 44.652" E	23° 45' 55.867" N
P-20	85° 35' 45.821" E	23° 45' 55.120" N
P-21	85° 35' 47.777" E	23° 45' 54.282" N
P-22	85° 35' 49.192" E	23° 45' 53.980" N
P-23	85° 35' 53.872" E	23° 45' 53.510" N
P-24	85° 35' 54.645" E	23° 45' 53.391" N
P-25	85° 35' 55.333" E	23° 45' 53.368" N
P-26	85° 35' 57.451" E	23° 45' 53.091" N
P-27	85° 35' 59.028" E	23° 45' 53.094" N
P-28	85° 35' 59.916" E	23° 45' 53.124" N
P-29	85° 36' 1.289" E	23° 45' 53.577" N
P-30	85° 36' 3.439" E	23° 45' 54.683" N
P-31	85° 36' 5.376" E	23° 45' 55.937" N
P-32	85° 36' 6.641" E	23° 45' 56.808" N
P-33	85° 36' 7.956" E	23° 45' 57.899" N
P-34	85° 36' 9.026" E	23° 45' 58.787" N
P-35	85° 36' 10.413" E	23° 46' 0.229" N
P-36	85° 36' 12.731" E	23° 46' 3.014" N
P-37	85° 36' 14.245" E	23° 46' 4.533" N
P-38	85° 36' 15.538" E	23° 46' 6.007" N
P-39	85° 36' 17.212" E	23° 46' 7.914" N
P-40	85° 36' 18.436" E	23° 46' 9.248" N
P-41	85° 36' 19.323" E	23° 46' 10.385" N
P-42	85° 36' 20.443" E	23° 46' 12.782" N
P-43	85° 36' 20.750" E	23° 46' 13.516" N
P-44	85° 36' 21.986" E	23° 46' 14.882" N
P-45	85° 36' 22.989" E	23° 46' 16.159" N
P-46	85° 36' 24.273" E	23° 46' 17.322" N
P-47	85° 36' 25.605" E	23° 46' 18.398" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	85° 36' 26.827" E	23° 46' 18.871" N
P-49	85° 36' 27.621" E	23° 46' 18.868" N
P-50	85° 36' 28.733" E	23° 46' 18.663" N
P-51	85° 36' 30.046" E	23° 46' 18.255" N
P-52	85° 36' 31.267" E	23° 46' 17.729" N
P-53	85° 36' 33.233" E	23° 46' 17.424" N
P-54	85° 36' 34.974" E	23° 46' 17.364" N
P-55	85° 36' 36.927" E	23° 46' 17.167" N
P-56	85° 36' 39.594" E	23° 46' 16.933" N
P-57	85° 36' 42.540" E	23° 46' 16.733" N
P-58	85° 36' 43.955" E	23° 46' 16.596" N
P-59	85° 36' 45.828" E	23° 46' 16.290" N
P-60	85° 36' 48.531" E	23° 46' 15.873" N
P-61	85° 36' 49.561" E	23° 46' 15.678" N
P-62	85° 36' 50.578" E	23° 46' 15.644" N
P-63	85° 36' 51.930" E	23° 46' 15.936" N
P-64	85° 36' 53.593" E	23° 46' 16.618" N
P-65	85° 36' 54.638" E	23° 46' 17.294" N
P-66	85° 36' 55.579" E	23° 46' 18.883" N
P-67	85° 36' 56.634" E	23° 46' 21.838" N
P-68	85° 36' 58.456" E	23° 46' 25.220" N
P-69	85° 36' 59.613" E	23° 46' 27.402" N
P-70	85° 37' 1.320" E	23° 46' 29.439" N
P-71	85° 37' 2.328" E	23° 46' 30.319" N
P-72	85° 37' 3.965" E	23° 46' 31.237" N
P-73	85° 37' 4.954" E	23° 46' 31.644" N
P-74	85° 37' 6.202" E	23° 46' 31.838" N
P-75	85° 37' 7.511" E	23° 46' 31.795" N
P-76	85° 37' 8.776" E	23° 46' 31.527" N
P-77	85° 37' 9.481" E	23° 46' 31.179" N
P-78	85° 37' 10.230" E	23° 46' 31.003" N
P-79	85° 37' 11.166" E	23° 46' 30.882" N
P-80	85° 37' 12.463" E	23° 46' 30.894" N
P-81	85° 37' 14.269" E	23° 46' 31.340" N
P-82	85° 37' 15.721" E	23° 46' 32.181" N
P-83	85° 37' 17.301" E	23° 46' 33.012" N
P-84	85° 37' 18.592" E	23° 46' 33.518" N
P-85	85° 37' 19.198" E	23° 46' 33.653" N
P-86	85° 37' 20.659" E	23° 46' 33.687" N
P-87	85° 37' 22.047" E	23° 46' 33.839" N
P-88	85° 37' 23.505" E	23° 46' 34.057" N
P-89	85° 37' 24.543" E	23° 46' 34.292" N
P-90	85° 37' 25.740" E	23° 46' 34.883" N
P-91	85° 37' 27.087" E	23° 46' 35.680" N
P-92	85° 37' 30.895" E	23° 46' 35.724" N
P-93	85° 37' 33.753" E	23° 46' 35.603" N
P-94	85° 37' 33.993" E	23° 46' 35.598" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	85° 37' 37.400" E	23° 46' 36.036" N
P-96	85° 37' 37.679" E	23° 46' 36.068" N
P-97	85° 37' 40.038" E	23° 46' 36.456" N
P-98	85° 37' 43.143" E	23° 46' 37.326" N
P-99	85° 37' 43.645" E	23° 46' 37.484" N
P-100	85° 37' 47.793" E	23° 46' 38.789" N
P-101	85° 37' 51.453" E	23° 46' 40.670" N
P-102	85° 37' 57.391" E	23° 46' 43.841" N
P-103	85° 37' 57.732" E	23° 46' 44.084" N
P-104	85° 37' 57.720" E	23° 46' 43.753" N
P-105	85° 37' 57.642" E	23° 46' 43.469" N
P-106	85° 37' 57.614" E	23° 46' 43.369" N
P-107	85° 37' 57.553" E	23° 46' 43.190" N
P-108	85° 37' 57.476" E	23° 46' 42.965" N
P-109	85° 37' 57.185" E	23° 46' 42.576" N
P-110	85° 37' 56.887" E	23° 46' 42.540" N
P-111	85° 37' 56.678" E	23° 46' 42.526" N
P-112	85° 37' 56.364" E	23° 46' 42.374" N
P-113	85° 37' 55.715" E	23° 46' 42.061" N
P-114	85° 37' 54.794" E	23° 46' 41.668" N
P-115	85° 37' 54.371" E	23° 46' 41.491" N
P-116	85° 37' 54.153" E	23° 46' 41.426" N
P-117	85° 37' 53.532" E	23° 46' 41.242" N
P-118	85° 37' 53.311" E	23° 46' 41.083" N
P-119	85° 37' 52.966" E	23° 46' 40.833" N
P-120	85° 37' 52.929" E	23° 46' 40.768" N
P-121	85° 37' 52.746" E	23° 46' 40.444" N
P-122	85° 37' 52.735" E	23° 46' 40.212" N
P-123	85° 37' 52.723" E	23° 46' 39.945" N
P-124	85° 37' 52.748" E	23° 46' 39.698" N
P-125	85° 37' 52.768" E	23° 46' 39.488" N
P-126	85° 37' 52.802" E	23° 46' 39.333" N
P-127	85° 37' 52.853" E	23° 46' 39.163" N
P-128	85° 37' 52.857" E	23° 46' 39.087" N
P-129	85° 37' 52.843" E	23° 46' 38.890" N
P-130	85° 37' 52.773" E	23° 46' 38.698" N
P-131	85° 37' 52.522" E	23° 46' 38.492" N
P-132	85° 37' 52.264" E	23° 46' 38.281" N
P-133	85° 37' 52.088" E	23° 46' 38.195" N
P-134	85° 37' 51.738" E	23° 46' 38.023" N
P-135	85° 37' 51.603" E	23° 46' 37.957" N
P-136	85° 37' 51.416" E	23° 46' 37.754" N
P-137	85° 37' 51.334" E	23° 46' 37.615" N
P-138	85° 37' 51.248" E	23° 46' 37.373" N
P-139	85° 37' 51.182" E	23° 46' 37.187" N
P-140	85° 37' 51.161" E	23° 46' 36.775" N
P-141	85° 37' 51.143" E	23° 46' 36.396" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	85° 37' 51.165" E	23° 46' 36.324" N
P-143	85° 37' 51.287" E	23° 46' 35.933" N
P-144	85° 37' 51.407" E	23° 46' 35.547" N
P-145	85° 37' 51.472" E	23° 46' 35.336" N
P-146	85° 37' 51.735" E	23° 46' 34.619" N
P-147	85° 37' 51.847" E	23° 46' 34.306" N
P-148	85° 37' 51.936" E	23° 46' 34.055" N
P-149	85° 37' 52.019" E	23° 46' 33.824" N
P-150	85° 37' 52.260" E	23° 46' 33.309" N
P-151	85° 37' 52.352" E	23° 46' 33.212" N
P-152	85° 37' 52.631" E	23° 46' 32.918" N
P-153	85° 37' 52.723" E	23° 46' 32.823" N
P-154	85° 37' 52.738" E	23° 46' 32.758" N
P-155	85° 37' 52.811" E	23° 46' 32.445" N
P-156	85° 37' 52.782" E	23° 46' 32.349" N
P-157	85° 37' 52.720" E	23° 46' 32.143" N
P-158	85° 37' 52.500" E	23° 46' 31.954" N
P-159	85° 37' 52.443" E	23° 46' 31.905" N
P-160	85° 37' 52.285" E	23° 46' 31.769" N
P-161	85° 37' 52.167" E	23° 46' 31.484" N
P-162	85° 37' 52.157" E	23° 46' 31.210" N
P-163	85° 37' 52.144" E	23° 46' 30.843" N
P-164	85° 37' 52.130" E	23° 46' 30.469" N
P-165	85° 37' 52.126" E	23° 46' 29.953" N
P-166	85° 37' 52.124" E	23° 46' 29.588" N
P-167	85° 37' 52.100" E	23° 46' 29.188" N
P-168	85° 37' 52.058" E	23° 46' 28.710" N
P-169	85° 37' 52.022" E	23° 46' 28.300" N
P-170	85° 37' 51.919" E	23° 46' 27.834" N
P-171	85° 37' 51.826" E	23° 46' 27.413" N
P-172	85° 37' 51.615" E	23° 46' 27.032" N
P-173	85° 37' 51.271" E	23° 46' 26.814" N
P-174	85° 37' 50.717" E	23° 46' 26.632" N
P-175	85° 37' 50.363" E	23° 46' 26.516" N
P-176	85° 37' 50.033" E	23° 46' 26.408" N
P-177	85° 37' 49.614" E	23° 46' 26.215" N
P-178	85° 37' 49.272" E	23° 46' 25.885" N
P-179	85° 37' 49.192" E	23° 46' 25.686" N
P-180	85° 37' 49.099" E	23° 46' 25.453" N
P-181	85° 37' 49.087" E	23° 46' 25.369" N
P-182	85° 37' 49.066" E	23° 46' 25.218" N
P-183	85° 37' 49.033" E	23° 46' 24.974" N
P-184	85° 37' 49.030" E	23° 46' 24.874" N
P-185	85° 37' 49.031" E	23° 46' 24.796" N
P-186	85° 37' 49.031" E	23° 46' 24.794" N
P-187	85° 37' 49.032" E	23° 46' 24.669" N
P-188	85° 37' 49.032" E	23° 46' 24.621" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	85° 37' 49.033" E	23° 46' 24.583" N
P-190	85° 37' 49.033" E	23° 46' 24.542" N
P-191	85° 37' 49.034" E	23° 46' 24.494" N
P-192	85° 37' 49.034" E	23° 46' 24.483" N
P-193	85° 37' 49.035" E	23° 46' 24.427" N
P-194	85° 37' 49.035" E	23° 46' 24.363" N
P-195	85° 37' 49.035" E	23° 46' 24.363" N
P-196	85° 37' 49.035" E	23° 46' 24.363" N
P-197	85° 37' 49.035" E	23° 46' 24.344" N
P-198	85° 37' 49.036" E	23° 46' 24.329" N
P-199	85° 37' 49.035" E	23° 46' 24.329" N
P-200	85° 37' 49.036" E	23° 46' 24.285" N
P-201	85° 37' 49.037" E	23° 46' 24.215" N
P-202	85° 37' 49.037" E	23° 46' 24.170" N
P-203	85° 37' 49.039" E	23° 46' 24.077" N
P-204	85° 37' 49.038" E	23° 46' 24.077" N
P-205	85° 37' 49.041" E	23° 46' 23.790" N
P-206	85° 37' 49.043" E	23° 46' 23.579" N
P-207	85° 37' 49.044" E	23° 46' 22.807" N
P-208	85° 37' 48.985" E	23° 46' 22.383" N
P-209	85° 37' 48.973" E	23° 46' 22.295" N
P-210	85° 37' 48.816" E	23° 46' 21.947" N
P-211	85° 37' 48.712" E	23° 46' 21.714" N
P-212	85° 37' 48.534" E	23° 46' 21.319" N
P-213	85° 37' 47.353" E	23° 46' 19.846" N
P-214	85° 37' 47.128" E	23° 46' 19.592" N
P-215	85° 37' 46.217" E	23° 46' 18.563" N
P-216	85° 37' 45.782" E	23° 46' 18.219" N
P-217	85° 37' 45.660" E	23° 46' 18.122" N
P-218	85° 37' 45.475" E	23° 46' 17.976" N
P-219	85° 37' 45.270" E	23° 46' 17.813" N
P-220	85° 37' 45.207" E	23° 46' 17.763" N
P-221	85° 37' 45.201" E	23° 46' 17.731" N
P-222	85° 37' 45.187" E	23° 46' 17.653" N
P-223	85° 37' 45.170" E	23° 46' 17.562" N
P-224	85° 37' 45.160" E	23° 46' 17.509" N
P-225	85° 37' 45.145" E	23° 46' 17.427" N
P-226	85° 37' 45.008" E	23° 46' 17.099" N
P-227	85° 37' 44.859" E	23° 46' 17.029" N
P-228	85° 37' 44.835" E	23° 46' 17.034" N
P-229	85° 37' 44.795" E	23° 46' 17.043" N
P-230	85° 37' 44.709" E	23° 46' 17.062" N
P-231	85° 37' 44.541" E	23° 46' 17.060" N
P-232	85° 37' 44.412" E	23° 46' 16.861" N
P-233	85° 37' 44.289" E	23° 46' 16.470" N
P-234	85° 37' 44.147" E	23° 46' 16.068" N
P-235	85° 37' 43.987" E	23° 46' 15.726" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-236	85° 37' 43.583" E	23° 46' 15.139" N
P-237	85° 37' 42.741" E	23° 46' 14.216" N
P-238	85° 37' 42.063" E	23° 46' 13.507" N
P-239	85° 37' 41.815" E	23° 46' 13.257" N
P-240	85° 37' 41.624" E	23° 46' 13.066" N
P-241	85° 37' 41.462" E	23° 46' 12.905" N
P-242	85° 37' 40.520" E	23° 46' 12.855" N
P-243	85° 37' 39.320" E	23° 46' 12.860" N
P-244	85° 37' 37.115" E	23° 46' 12.620" N
P-245	85° 37' 35.587" E	23° 46' 12.122" N
P-246	85° 37' 34.361" E	23° 46' 11.663" N
P-247	85° 37' 31.155" E	23° 46' 10.353" N
P-248	85° 37' 28.542" E	23° 46' 9.188" N
P-249	85° 37' 25.403" E	23° 46' 7.818" N
P-250	85° 37' 24.829" E	23° 46' 7.558" N
P-251	85° 37' 23.216" E	23° 46' 6.825" N
P-252	85° 37' 22.626" E	23° 46' 6.558" N
P-253	85° 37' 22.167" E	23° 46' 6.261" N
P-254	85° 37' 20.211" E	23° 46' 5.577" N
P-255	85° 37' 17.831" E	23° 46' 4.647" N
P-256	85° 37' 17.080" E	23° 46' 4.356" N
P-257	85° 37' 15.383" E	23° 46' 3.999" N
P-258	85° 37' 12.287" E	23° 46' 3.496" N
P-259	85° 37' 10.840" E	23° 46' 3.141" N
P-260	85° 37' 9.200" E	23° 46' 2.739" N
P-261	85° 37' 8.751" E	23° 46' 2.570" N
P-262	85° 37' 7.518" E	23° 46' 2.108" N
P-263	85° 37' 6.909" E	23° 46' 1.824" N
P-264	85° 37' 4.450" E	23° 46' 0.125" N
P-265	85° 37' 1.879" E	23° 45' 58.037" N
P-266	85° 37' 0.462" E	23° 45' 56.853" N
P-267	85° 36' 59.059" E	23° 45' 55.898" N
P-268	85° 36' 57.201" E	23° 45' 54.800" N
P-269	85° 36' 55.751" E	23° 45' 54.079" N
P-270	85° 36' 54.188" E	23° 45' 53.370" N
P-271	85° 36' 53.554" E	23° 45' 53.052" N
P-272	85° 36' 52.815" E	23° 45' 52.784" N
P-273	85° 36' 52.153" E	23° 45' 52.464" N
P-274	85° 36' 51.336" E	23° 45' 52.347" N
P-275	85° 36' 50.861" E	23° 45' 52.280" N
P-276	85° 36' 50.594" E	23° 45' 52.229" N
P-277	85° 36' 49.140" E	23° 45' 52.292" N
P-278	85° 36' 44.020" E	23° 45' 53.347" N
P-279	85° 36' 39.303" E	23° 45' 54.485" N
P-280	85° 36' 38.185" E	23° 45' 54.823" N
P-281	85° 36' 35.992" E	23° 45' 54.961" N
P-282	85° 36' 33.508" E	23° 45' 54.698" N

Provisional Cardinal Points for Jogeshwar & Khas Jogeshwar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-283	85° 36' 31.643" E	23° 45' 54.289" N
P-284	85° 36' 29.787" E	23° 45' 53.763" N
P-285	85° 36' 28.787" E	23° 45' 53.439" N
P-286	85° 36' 26.617" E	23° 45' 52.972" N
P-287	85° 36' 24.604" E	23° 45' 52.489" N
P-288	85° 36' 23.596" E	23° 45' 52.299" N
P-289	85° 36' 21.583" E	23° 45' 51.817" N
P-290	85° 36' 19.571" E	23° 45' 51.395" N
P-291	85° 36' 16.334" E	23° 45' 50.488" N
P-292	85° 36' 11.734" E	23° 45' 48.923" N
P-293	85° 36' 11.576" E	23° 45' 48.861" N
P-294	85° 36' 8.781" E	23° 45' 47.774" N
P-295	85° 36' 5.244" E	23° 45' 46.463" N
P-296	85° 35' 58.800" E	23° 45' 43.856" N
P-297	85° 35' 50.937" E	23° 45' 40.677" N
P-298	85° 35' 43.017" E	23° 45' 37.390" N
P-299	85° 35' 36.981" E	23° 45' 35.076" N
P-300	85° 35' 35.507" E	23° 45' 34.321" N
P-301	85° 35' 34.871" E	23° 45' 34.224" N