Mine Summary

URTAN NORTH COAL BLOCK

PART A

Sr. No.	Features	Details	
1.	**Location**		
	Coal Block	**URTAN NORTH**	
	Latitude	$23^0$14’31”N to $23^0$16’22” N (Provisional)	
	Longitude	$81^0$58’48”E to $82^0$01’17” E (Provisional)	
	Topo Sheet No.	64 E/15	
	Coalfield	Sohagpur Coalfield	
	Villages	Baskhala, Baskhali, Thodha and Mauhari (As per Mining Plan) [The names of villages may however be authenticated by the State Authorities]	
	Tehsil/ Taluka	Kotma (As per Mining Plan)	
	District	Anuppur	
	State	Madhya Pradesh	
2.	**Connectivity with Block**		
	Nearest Railway Station	Kotma Railway Station at 5-6 km on Anuppur-Chirimiri Section on South-Eastern Railway	
	Road	Connected to NH 78 by fair weather road.	
3.	**Area**		
	Geological Block Area	4 . 77 Sq. km (As per Shape file; Refer Note No. 3)	
	Mining Lease Area	475 Ha	(As per the Mining Plan)
	Project Area	475 Ha	
	Forest Area	Nil	
	Non-Forest Area	475 Ha	
4.	**Climate and Topography**		
	Average Annual Rainfall	1000 – 1700 mm	(As per the Mining Plan)
	Temperature (Min. – Max.)	7 to 46 ^{0}C	
	Local Surface Drainage Channels	The Son River with a north-westerly flow is the main drainage channel of the area (As per the Mining Plan)	
	Rivers	--	
5.	**Exploration**		
	Status	Explored	
	Exploration Agency	Mineral Exploration Corporation Limited, Nagpur	
	Total Number of Boreholes	35 Boreholes	(As per the Mining Plan)
	Borehole Density	13.57 per sq. km	
	General Dip of Seams	North-westerly dip of 2^o to 4^o in eastern part and 9^o to 12^o in south-western part	
	General Strike Direction	In general, the coal seams trend north-east to south-west in central part of the block swinging to east-west in eastern part and north-south in south-western part of the block	

6.	**Coal Seams & Reserve (As Considered in Mining Plan)**				
	Coal Seam	Thickness Range (m)	Geological Reserve (MT)	Extractable Reserve (MT)	Pre-valent Grade
	V Top	0.71– 1.91	5.398	1.839	W-IV
	V Mid	0.85 – 1.52	3.117	--	--
	V Top & Middle Merged	1.78 – 3.32	5.646	--	--
	V Bot (Top)	0.39 – 3.93	3.929	--	--
	V Bot (Bot)	0.2 – 1.19	0.966	--	--
	V Mid & Bot (Top) Merged	3.38 – 5.13	1.51	--	--
	V Mid & Bot Merged	4.71 – 5.82	4.403	--	--
	V Bot Merged	2.8 – 4.52	11.48	7.110	W-III
	V Merged	6.34 – 7.85	7.272	7.403*	W-IV
	Index	0.47 – 2.9	14.059	6.555	W-III
	IV Top	0.34 – 1.2	0.201	--	--
	IV Bot	0.46 – 0.53	0.085	--	--
	IV Merged	0.14 – 2.13	5.854	1.238	W-IV
	III	0.88 – 1.76	5.902	1.576	W-I
	Total		**69.823**	**25.721**	

***** *Extractable reserve given in Table 5.12 on page No. 5-9 of the Mining Plan is more than the geological reserve as given in Table 5.2 on page No. 5-2. This mismatch has not been explained in the Mining Plan*.

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name and Address of Allocatee	1. M/s Jindal Steel & Power Limited 2. M/s Monnet Ispat & Energy Limited
2.	**Mine Capacity as per Mining Plan**	**0.6 MTY**
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	Not Approved
	Forest Clearance	Not Required
	Environmental Clearance	Not granted
	Mining Lease	Not granted
	Land Acquisition	11.933 Ha land has been acquired
4.	No. of PAFs	Nil
5.	Surface Infrastructure already built, if any.	-

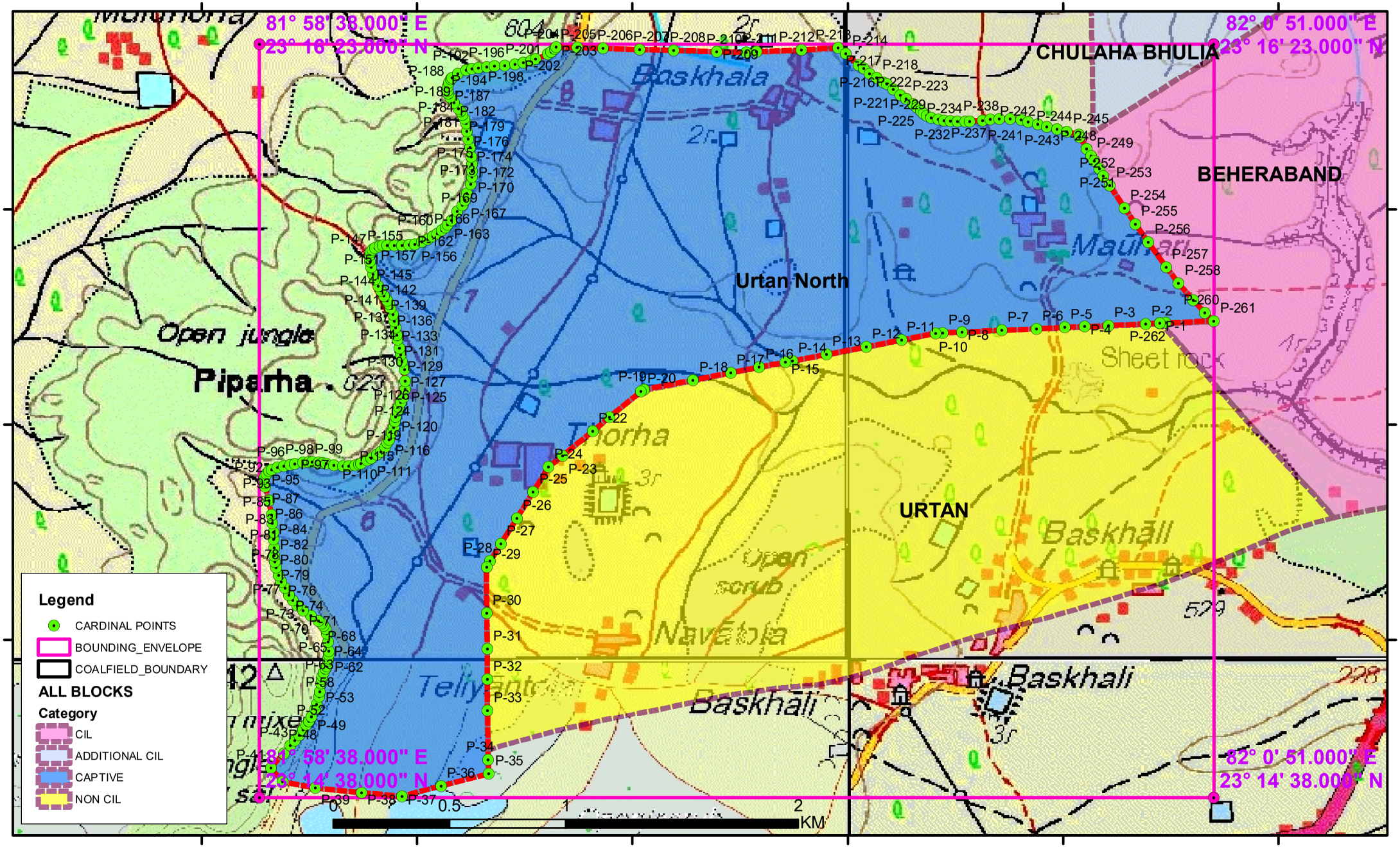
Note:

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.

Urtan North Block, Sohagpur Coalfield



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	82° 0' 43.466" E	23° 15' 44.129" N
P-2	82° 0' 41.437" E	23° 15' 44.028" N
P-3	82° 0' 36.318" E	23° 15' 43.787" N
P-4	82° 0' 32.966" E	23° 15' 43.642" N
P-5	82° 0' 30.237" E	23° 15' 43.528" N
P-6	82° 0' 26.263" E	23° 15' 43.336" N
P-7	82° 0' 21.418" E	23° 15' 43.127" N
P-8	82° 0' 15.888" E	23° 15' 42.877" N
P-9	82° 0' 13.232" E	23° 15' 42.763" N
P-10	82° 0' 12.191" E	23° 15' 42.685" N
P-11	82° 0' 7.482" E	23° 15' 41.759" N
P-12	82° 0' 2.506" E	23° 15' 40.788" N
P-13	81° 59' 57.032" E	23° 15' 39.746" N
P-14	81° 59' 52.297" E	23° 15' 38.844" N
P-15	81° 59' 51.234" E	23° 15' 38.672" N
P-16	81° 59' 47.661" E	23° 15' 37.985" N
P-17	81° 59' 43.622" E	23° 15' 37.202" N
P-18	81° 59' 38.460" E	23° 15' 36.171" N
P-19	81° 59' 31.552" E	23° 15' 34.851" N
P-20	81° 59' 31.185" E	23° 15' 34.614" N
P-21	81° 59' 26.782" E	23° 15' 31.027" N
P-22	81° 59' 24.432" E	23° 15' 29.043" N
P-23	81° 59' 20.211" E	23° 15' 25.652" N
P-24	81° 59' 18.288" E	23° 15' 24.075" N
P-25	81° 59' 16.147" E	23° 15' 20.578" N
P-26	81° 59' 13.862" E	23° 15' 16.914" N
P-27	81° 59' 11.664" E	23° 15' 13.379" N
P-28	81° 59' 10.177" E	23° 15' 10.968" N
P-29	81° 59' 9.637" E	23° 15' 10.110" N
P-30	81° 59' 9.692" E	23° 15' 3.729" N
P-31	81° 59' 9.742" E	23° 14' 58.725" N
P-32	81° 59' 9.751" E	23° 14' 54.469" N
P-33	81° 59' 9.783" E	23° 14' 50.151" N
P-34	81° 59' 9.898" E	23° 14' 43.297" N
P-35	81° 59' 9.996" E	23° 14' 41.342" N
P-36	81° 59' 3.272" E	23° 14' 39.625" N
P-37	81° 58' 57.844" E	23° 14' 38.208" N
P-38	81° 58' 52.230" E	23° 14' 38.712" N
P-39	81° 58' 45.752" E	23° 14' 39.361" N
P-40	81° 58' 41.275" E	23° 14' 40.233" N
P-41	81° 58' 39.570" E	23° 14' 42.157" N
P-42	81° 58' 41.389" E	23° 14' 44.161" N
P-43	81° 58' 42.365" E	23° 14' 45.296" N
P-44	81° 58' 42.962" E	23° 14' 45.983" N
P-45	81° 58' 43.557" E	23° 14' 46.692" N
P-46	81° 58' 44.094" E	23° 14' 47.437" N
P-47	81° 58' 44.569" E	23° 14' 48.150" N
P-48	81° 58' 44.910" E	23° 14' 48.680" N
P-49	81° 58' 45.258" E	23° 14' 49.301" N

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-50	81° 58' 45.787" E	23° 14' 50.358" N
P-51	81° 58' 46.007" E	23° 14' 50.980" N
P-52	81° 58' 46.345" E	23° 14' 52.106" N
P-53	81° 58' 46.423" E	23° 14' 52.780" N
P-54	81° 58' 46.571" E	23° 14' 53.923" N
P-55	81° 58' 46.667" E	23° 14' 54.525" N
P-56	81° 58' 46.760" E	23° 14' 54.977" N
P-57	81° 58' 46.981" E	23° 14' 55.416" N
P-58	81° 58' 47.289" E	23° 14' 56.000" N
P-59	81° 58' 47.374" E	23° 14' 56.324" N
P-60	81° 58' 47.529" E	23° 14' 57.101" N
P-61	81° 58' 47.593" E	23° 14' 57.421" N
P-62	81° 58' 47.664" E	23° 14' 57.936" N
P-63	81° 58' 47.653" E	23° 14' 58.428" N
P-64	81° 58' 47.545" E	23° 14' 59.700" N
P-65	81° 58' 47.363" E	23° 15' 0.832" N
P-66	81° 58' 47.201" E	23° 15' 1.526" N
P-67	81° 58' 46.984" E	23° 15' 1.943" N
P-68	81° 58' 46.679" E	23° 15' 2.292" N
P-69	81° 58' 46.244" E	23° 15' 2.636" N
P-70	81° 58' 45.169" E	23° 15' 3.352" N
P-71	81° 58' 44.133" E	23° 15' 4.040" N
P-72	81° 58' 43.327" E	23° 15' 4.764" N
P-73	81° 58' 42.655" E	23° 15' 5.499" N
P-74	81° 58' 42.142" E	23° 15' 6.254" N
P-75	81° 58' 41.579" E	23° 15' 7.224" N
P-76	81° 58' 41.110" E	23° 15' 8.084" N
P-77	81° 58' 40.719" E	23° 15' 8.956" N
P-78	81° 58' 40.349" E	23° 15' 10.052" N
P-79	81° 58' 40.162" E	23° 15' 10.841" N
P-80	81° 58' 40.029" E	23° 15' 11.741" N
P-81	81° 58' 40.027" E	23° 15' 12.787" N
P-82	81° 58' 40.022" E	23° 15' 14.002" N
P-83	81° 58' 39.981" E	23° 15' 14.974" N
P-84	81° 58' 39.851" E	23° 15' 16.266" N
P-85	81° 58' 39.714" E	23° 15' 17.378" N
P-86	81° 58' 39.281" E	23° 15' 19.384" N
P-87	81° 58' 38.842" E	23° 15' 21.356" N
P-88	81° 58' 38.743" E	23° 15' 21.864" N
P-89	81° 58' 38.700" E	23° 15' 22.413" N
P-90	81° 58' 38.764" E	23° 15' 22.679" N
P-91	81° 58' 38.955" E	23° 15' 23.093" N
P-92	81° 58' 39.318" E	23° 15' 23.485" N
P-93	81° 58' 39.682" E	23° 15' 23.707" N
P-94	81° 58' 40.540" E	23° 15' 24.037" N
P-95	81° 58' 41.378" E	23° 15' 24.227" N
P-96	81° 58' 42.313" E	23° 15' 24.342" N
P-97	81° 58' 42.888" E	23° 15' 24.466" N
P-98	81° 58' 44.095" E	23° 15' 24.693" N

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-99	81° 58' 44.842" E	23° 15' 24.781" N
P-100	81° 58' 45.346" E	23° 15' 24.744" N
P-101	81° 58' 46.230" E	23° 15' 24.724" N
P-102	81° 58' 46.722" E	23° 15' 24.662" N
P-103	81° 58' 47.333" E	23° 15' 24.530" N
P-104	81° 58' 48.340" E	23° 15' 24.323" N
P-105	81° 58' 49.607" E	23° 15' 24.202" N
P-106	81° 58' 50.395" E	23° 15' 24.192" N
P-107	81° 58' 51.405" E	23° 15' 24.307" N
P-108	81° 58' 51.884" E	23° 15' 24.428" N
P-109	81° 58' 52.206" E	23° 15' 24.568" N
P-110	81° 58' 53.044" E	23° 15' 24.974" N
P-111	81° 58' 53.640" E	23° 15' 25.307" N
P-112	81° 58' 54.347" E	23° 15' 25.786" N
P-113	81° 58' 54.855" E	23° 15' 26.202" N
P-114	81° 58' 55.480" E	23° 15' 26.893" N
P-115	81° 58' 55.852" E	23° 15' 27.476" N
P-116	81° 58' 56.061" E	23° 15' 27.855" N
P-117	81° 58' 56.403" E	23° 15' 28.819" N
P-118	81° 58' 56.688" E	23° 15' 29.588" N
P-119	81° 58' 56.885" E	23° 15' 30.419" N
P-120	81° 58' 56.991" E	23° 15' 31.051" N
P-121	81° 58' 57.217" E	23° 15' 31.908" N
P-122	81° 58' 57.404" E	23° 15' 32.452" N
P-123	81° 58' 57.755" E	23° 15' 33.067" N
P-124	81° 58' 58.088" E	23° 15' 33.751" N
P-125	81° 58' 58.304" E	23° 15' 34.922" N
P-126	81° 58' 58.328" E	23° 15' 36.020" N
P-127	81° 58' 58.189" E	23° 15' 37.640" N
P-128	81° 58' 57.897" E	23° 15' 38.800" N
P-129	81° 58' 57.710" E	23° 15' 39.699" N
P-130	81° 58' 57.528" E	23° 15' 40.640" N
P-131	81° 58' 57.268" E	23° 15' 41.852" N
P-132	81° 58' 57.147" E	23° 15' 42.457" N
P-133	81° 58' 56.971" E	23° 15' 43.482" N
P-134	81° 58' 56.789" E	23° 15' 44.409" N
P-135	81° 58' 56.592" E	23° 15' 45.318" N
P-136	81° 58' 56.296" E	23° 15' 46.202" N
P-137	81° 58' 56.052" E	23° 15' 46.804" N
P-138	81° 58' 55.806" E	23° 15' 47.293" N
P-139	81° 58' 55.416" E	23° 15' 47.881" N
P-140	81° 58' 54.883" E	23° 15' 48.640" N
P-141	81° 58' 54.512" E	23° 15' 49.251" N
P-142	81° 58' 54.072" E	23° 15' 50.225" N
P-143	81° 58' 53.839" E	23° 15' 50.916" N
P-144	81° 58' 53.574" E	23° 15' 51.889" N
P-145	81° 58' 53.406" E	23° 15' 52.718" N
P-146	81° 58' 53.382" E	23° 15' 53.631" N
P-147	81° 58' 53.474" E	23° 15' 54.038" N

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-148	81° 58' 53.768" E	23° 15' 54.349" N
P-149	81° 58' 54.146" E	23° 15' 54.564" N
P-150	81° 58' 54.759" E	23° 15' 54.840" N
P-151	81° 58' 55.213" E	23° 15' 54.912" N
P-152	81° 58' 55.783" E	23° 15' 54.954" N
P-153	81° 58' 56.783" E	23° 15' 54.948" N
P-154	81° 58' 57.896" E	23° 15' 54.955" N
P-155	81° 58' 58.832" E	23° 15' 55.055" N
P-156	81° 58' 59.691" E	23° 15' 55.128" N
P-157	81° 59' 0.662" E	23° 15' 55.449" N
P-158	81° 59' 1.444" E	23° 15' 55.785" N
P-159	81° 59' 2.149" E	23° 15' 56.180" N
P-160	81° 59' 2.850" E	23° 15' 56.597" N
P-161	81° 59' 3.472" E	23° 15' 57.076" N
P-162	81° 59' 3.908" E	23° 15' 57.428" N
P-163	81° 59' 4.256" E	23° 15' 57.827" N
P-164	81° 59' 4.743" E	23° 15' 58.450" N
P-165	81° 59' 5.585" E	23° 15' 59.678" N
P-166	81° 59' 6.263" E	23° 16' 0.560" N
P-167	81° 59' 6.583" E	23° 16' 1.259" N
P-168	81° 59' 6.946" E	23° 16' 2.196" N
P-169	81° 59' 7.404" E	23° 16' 3.454" N
P-170	81° 59' 7.612" E	23° 16' 4.483" N
P-171	81° 59' 7.661" E	23° 16' 5.320" N
P-172	81° 59' 7.653" E	23° 16' 6.253" N
P-173	81° 59' 7.512" E	23° 16' 7.315" N
P-174	81° 59' 7.361" E	23° 16' 8.640" N
P-175	81° 59' 7.152" E	23° 16' 9.767" N
P-176	81° 59' 6.979" E	23° 16' 10.863" N
P-177	81° 59' 6.781" E	23° 16' 11.929" N
P-178	81° 59' 6.559" E	23° 16' 12.620" N
P-179	81° 59' 6.347" E	23° 16' 13.162" N
P-180	81° 59' 6.020" E	23° 16' 13.669" N
P-181	81° 59' 5.724" E	23° 16' 14.002" N
P-182	81° 59' 5.102" E	23° 16' 14.840" N
P-183	81° 59' 4.621" E	23° 16' 15.587" N
P-184	81° 59' 4.326" E	23° 16' 16.137" N
P-185	81° 59' 4.243" E	23° 16' 16.511" N
P-186	81° 59' 4.197" E	23° 16' 17.090" N
P-187	81° 59' 4.353" E	23° 16' 17.644" N
P-188	81° 59' 4.650" E	23° 16' 18.139" N
P-189	81° 59' 4.811" E	23° 16' 18.315" N
P-190	81° 59' 5.626" E	23° 16' 18.844" N
P-191	81° 59' 6.862" E	23° 16' 19.386" N
P-192	81° 59' 7.584" E	23° 16' 19.554" N
P-193	81° 59' 8.571" E	23° 16' 19.675" N
P-194	81° 59' 9.679" E	23° 16' 19.830" N
P-195	81° 59' 10.761" E	23° 16' 19.949" N
P-196	81° 59' 12.154" E	23° 16' 20.024" N

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-197	81° 59' 13.633" E	23° 16' 20.151" N
P-198	81° 59' 14.789" E	23° 16' 20.388" N
P-199	81° 59' 15.904" E	23° 16' 20.698" N
P-200	81° 59' 16.503" E	23° 16' 20.919" N
P-201	81° 59' 18.166" E	23° 16' 21.610" N
P-202	81° 59' 18.627" E	23° 16' 21.898" N
P-203	81° 59' 19.173" E	23° 16' 22.350" N
P-204	81° 59' 19.374" E	23° 16' 22.587" N
P-205	81° 59' 22.305" E	23° 16' 22.505" N
P-206	81° 59' 25.837" E	23° 16' 22.383" N
P-207	81° 59' 31.020" E	23° 16' 22.245" N
P-208	81° 59' 35.697" E	23° 16' 22.140" N
P-209	81° 59' 41.693" E	23° 16' 21.948" N
P-210	81° 59' 45.791" E	23° 16' 21.841" N
P-211	81° 59' 47.237" E	23° 16' 21.926" N
P-212	81° 59' 53.496" E	23° 16' 22.197" N
P-213	81° 59' 58.637" E	23° 16' 22.485" N
P-214	81° 59' 59.682" E	23° 16' 21.645" N
P-215	82° 0' 1.529" E	23° 16' 20.054" N
P-216	82° 0' 2.197" E	23° 16' 19.588" N
P-217	82° 0' 3.066" E	23° 16' 18.880" N
P-218	82° 0' 3.952" E	23° 16' 18.284" N
P-219	82° 0' 4.989" E	23° 16' 17.686" N
P-220	82° 0' 5.388" E	23° 16' 17.422" N
P-221	82° 0' 6.302" E	23° 16' 16.699" N
P-222	82° 0' 7.306" E	23° 16' 15.871" N
P-223	82° 0' 8.112" E	23° 16' 15.343" N
P-224	82° 0' 9.063" E	23° 16' 14.638" N
P-225	82° 0' 9.603" E	23° 16' 14.167" N
P-226	82° 0' 10.134" E	23° 16' 13.734" N
P-227	82° 0' 10.541" E	23° 16' 13.329" N
P-228	82° 0' 11.026" E	23° 16' 13.040" N
P-229	82° 0' 11.617" E	23° 16' 12.750" N
P-230	82° 0' 12.595" E	23° 16' 12.484" N
P-231	82° 0' 13.383" E	23° 16' 12.326" N
P-232	82° 0' 14.322" E	23° 16' 12.297" N
P-233	82° 0' 15.211" E	23° 16' 12.227" N
P-234	82° 0' 16.397" E	23° 16' 12.193" N
P-235	82° 0' 17.028" E	23° 16' 12.232" N
P-236	82° 0' 18.726" E	23° 16' 12.360" N
P-237	82° 0' 19.792" E	23° 16' 12.512" N
P-238	82° 0' 21.066" E	23° 16' 12.569" N
P-239	82° 0' 22.620" E	23° 16' 12.581" N
P-240	82° 0' 24.175" E	23° 16' 12.472" N
P-241	82° 0' 25.142" E	23° 16' 12.187" N
P-242	82° 0' 26.449" E	23° 16' 11.806" N
P-243	82° 0' 27.733" E	23° 16' 11.474" N
P-244	82° 0' 29.124" E	23° 16' 11.124" N
P-245	82° 0' 30.484" E	23° 16' 10.780" N

Provisional Cardinal Points for Urtan North Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-246	82° 0' 32.159" E	23° 16' 10.366" N
P-247	82° 0' 32.323" E	23° 16' 10.032" N
P-248	82° 0' 33.293" E	23° 16' 8.413" N
P-249	82° 0' 33.883" E	23° 16' 7.424" N
P-250	82° 0' 34.366" E	23° 16' 6.723" N
P-251	82° 0' 35.025" E	23° 16' 5.618" N
P-252	82° 0' 35.633" E	23° 16' 4.621" N
P-253	82° 0' 36.482" E	23° 16' 3.299" N
P-254	82° 0' 38.527" E	23° 16' 0.143" N
P-255	82° 0' 40.068" E	23° 15' 57.914" N
P-256	82° 0' 41.868" E	23° 15' 55.395" N
P-257	82° 0' 44.366" E	23° 15' 51.881" N
P-258	82° 0' 46.045" E	23° 15' 49.674" N
P-259	82° 0' 48.082" E	23° 15' 47.345" N
P-260	82° 0' 49.743" E	23° 15' 45.549" N
P-261	82° 0' 50.957" E	23° 15' 44.424" N
P-262	82° 0' 44.244" E	23° 15' 44.168" N