Dipside of Chhatabar Block Summary

PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Dipside of Chhatabar Block**
	Latitude	22° 0' 14" N- 22° 2' 45" N (Provisional)
	Longitude	83° 35' 26" E- 83° 39' 20" E (Provisional)
	Topo Sheet No.	F44L12
	Coalfield	Ib Valley Coalfield
	Villages	Kandadhuda, Luabahal, Garjanjor, Kuanikella, parsaipali, Nuadih, Bagbarhi, Dhanarashi, Pandiapali
	Tehsil/Taluka	Hemagiri
	District	Sundargarh
	State	Odisha
2.	**Connectivity with Block**	
	Nearest Rail Head	Kanika Railway Station
	Road	Raigarh-Sundargarh Road
	Airport	Jharsuguda
3.	**Area**	
	Geological Block Area	22.69 sq km (As per shape file. Refer note below)
	Forest Area	3.02 sq km
	Non-Forest Area	19.67 sq km
4.	**Climate and Topography**	
	Average Annual Rainfall	1500mm average rainfall
	Temperature (Min. — Max.)	9°C to 47°C
	Local Surface Drainage Channels	Undulating terrain, drainage of the area is controlled by Kherujore nalla
	Rivers	
5.	**Exploration**	
	Status	Under exploration
	Exploration Agency	CMPDI
	Total Number of Boreholes with meterage	3 closed boreholes & 1739m
	Borehole Density	Under Exploration

	General Dip of Seams	Southwest			
	General Strike Direction	Northwest to southeast			
	Faults	2 no of faults (tentative)			
6.	**Coal Seams & Reserve**				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (mt)	Grade
	PARKHANI	4.20-5.90	207.60-235.40	2500 Mt in inferred category	
	LAJKURA- IV	7.80-12.77	275.00-295.20		
	LAJKURA IV BOT	0.90-1.95	297.40-300.15		
	LAJKURA -III	0.40-0.90	312.40-313.30		
	LAJKURA II TOP 2	10.10-13.95	330.40-360.50		
	LAJKURA II TOP 1	7.50-8.60	350.00-371.50		
	LAJKURA II BOT	10.15-12.10	352.50-384.80		
	LAJKURA I	1.65-4.85	366.05-395.20		
	LOCAL 1	0.98-1.70	402.00-449.60		
	RAMPUR V	7.70-8.50	405.26-464.50		
	RAMPUR IV	5.46-6.70	418.70-475.70		
	RAMPUR III TOP	1.00-1.30	447.00-498.30		
	RAMPUR III BOT	2.58-7.00	449.00-501.93		
	RAMPUR I & II	3.60-3.80	484.40-506.80		
	IB TOP	1.35-1.60	530.00-587.80		
	IB BOT	2.55-4.75	532.25-594.75		
	Total			**2500.00**	
7.	**Surface Constraints**	Undulating terrain			
8.	**Grade of coal**	N.A.			
9.	**Decision Support System (DSS) Analysis**	Hydrology info: The polygon touches wetland more than 10 hectare area Wildlife info: The polygon touches wildlife habitat of Sloth Bear, Elephant			
10.	**Eco Sensitive Zone (ESZ)**	Southern boundary of the block is approx. 29 km from the boundary of ESZ of Debrigarh. SE boundary of the block is approx. 40 km from the boundary of ESZ of Sambalpur Elephant Region and NW boundary of the block is approx. 54 km from the boundary of buffer zone of unnotified Lemru Elephant Reserve.			

Note:

1. Block is under Exploration. Data given in Point-6 is tentative.

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.

Dipside of Chhatabar Block, Ib Valley Coalfield

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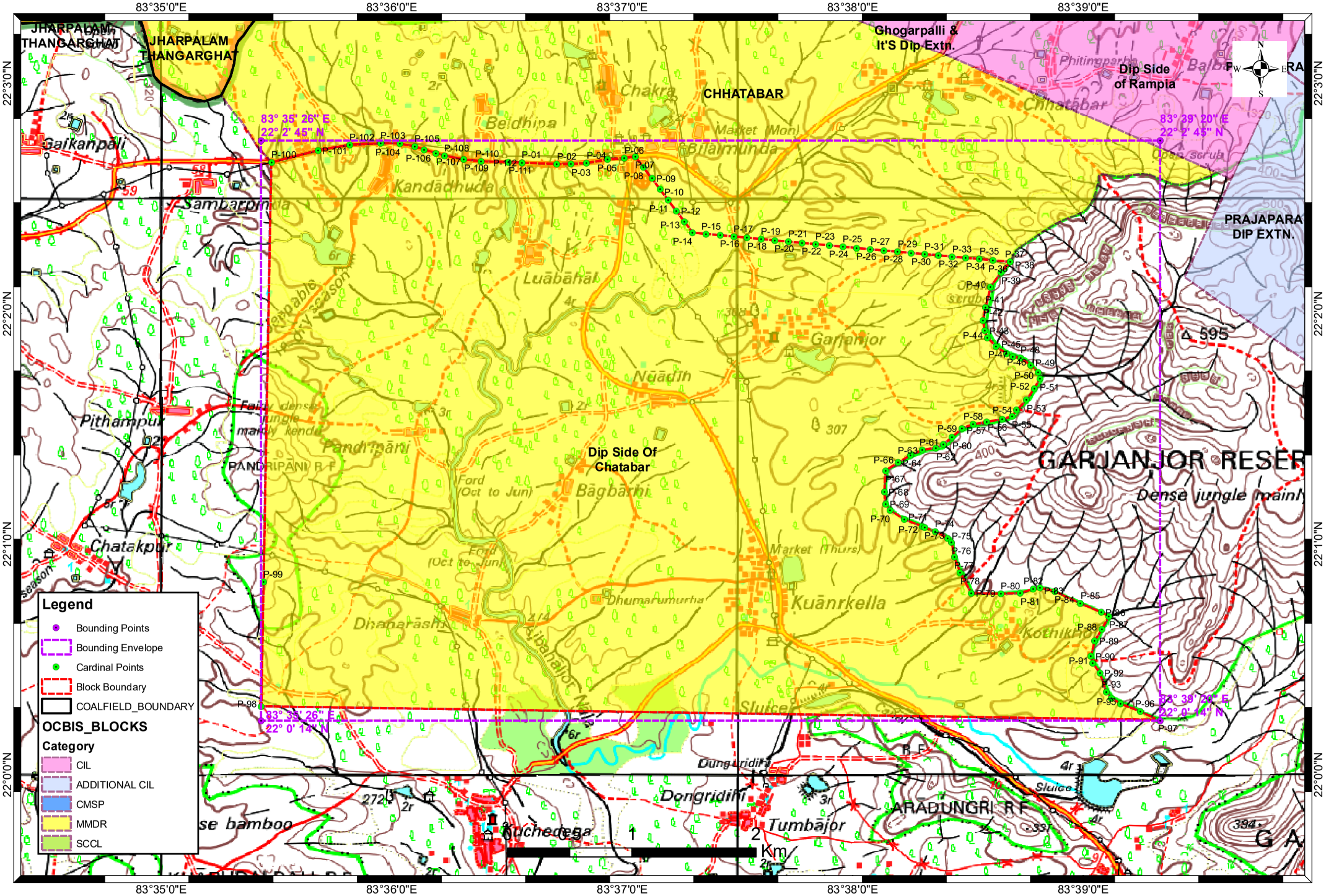

Provisional Cardinal Points for Dip Side Of Chatabar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	83° 36' 33.872" E	22° 2' 39.298" N
P-2	83° 36' 43.018" E	22° 2' 38.904" N
P-3	83° 36' 46.702" E	22° 2' 38.990" N
P-4	83° 36' 50.728" E	22° 2' 39.204" N
P-5	83° 36' 56.124" E	22° 2' 40.146" N
P-6	83° 37' 0.579" E	22° 2' 40.531" N
P-7	83° 37' 3.416" E	22° 2' 40.905" N
P-8	83° 37' 5.545" E	22° 2' 38.072" N
P-9	83° 37' 7.674" E	22° 2' 35.239" N
P-10	83° 37' 9.803" E	22° 2' 32.406" N
P-11	83° 37' 11.933" E	22° 2' 29.573" N
P-12	83° 37' 14.062" E	22° 2' 26.740" N
P-13	83° 37' 16.191" E	22° 2' 23.907" N
P-14	83° 37' 18.320" E	22° 2' 21.073" N
P-15	83° 37' 21.877" E	22° 2' 20.740" N
P-16	83° 37' 25.434" E	22° 2' 20.407" N
P-17	83° 37' 28.991" E	22° 2' 20.074" N
P-18	83° 37' 32.547" E	22° 2' 19.741" N
P-19	83° 37' 36.104" E	22° 2' 19.407" N
P-20	83° 37' 39.661" E	22° 2' 19.074" N
P-21	83° 37' 43.218" E	22° 2' 18.741" N
P-22	83° 37' 46.774" E	22° 2' 18.408" N
P-23	83° 37' 50.331" E	22° 2' 18.074" N
P-24	83° 37' 53.888" E	22° 2' 17.741" N
P-25	83° 37' 57.444" E	22° 2' 17.407" N
P-26	83° 38' 1.001" E	22° 2' 17.074" N
P-27	83° 38' 4.558" E	22° 2' 16.741" N
P-28	83° 38' 8.115" E	22° 2' 16.407" N
P-29	83° 38' 11.669" E	22° 2' 16.092" N
P-30	83° 38' 15.224" E	22° 2' 15.776" N
P-31	83° 38' 18.779" E	22° 2' 15.460" N
P-32	83° 38' 22.334" E	22° 2' 15.145" N
P-33	83° 38' 25.888" E	22° 2' 14.829" N
P-34	83° 38' 29.443" E	22° 2' 14.513" N
P-35	83° 38' 32.998" E	22° 2' 14.197" N
P-36	83° 38' 36.553" E	22° 2' 13.882" N
P-37	83° 38' 41.006" E	22° 2' 13.486" N
P-38	83° 38' 41.006" E	22° 2' 13.486" N
P-39	83° 38' 38.599" E	22° 2' 10.743" N
P-40	83° 38' 35.853" E	22° 2' 6.918" N
P-41	83° 38' 34.556" E	22° 2' 1.607" N
P-42	83° 38' 33.940" E	22° 1' 58.264" N
P-43	83° 38' 34.352" E	22° 1' 55.591" N
P-44	83° 38' 35.054" E	22° 1' 53.688" N
P-45	83° 38' 37.410" E	22° 1' 51.415" N
P-46	83° 38' 40.050" E	22° 1' 49.566" N
P-47	83° 38' 41.603" E	22° 1' 48.767" N

Provisional Cardinal Points for Dip Side Of Chatabar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	83° 38' 43.719" E	22° 1' 48.475" N
P-49	83° 38' 46.358" E	22° 1' 46.541" N
P-50	83° 38' 48.352" E	22° 1' 44.703" N
P-51	83° 38' 48.691" E	22° 1' 43.063" N
P-52	83° 38' 47.260" E	22° 1' 40.507" N
P-53	83° 38' 45.268" E	22° 1' 37.530" N
P-54	83° 38' 42.729" E	22° 1' 34.905" N
P-55	83° 38' 41.500" E	22° 1' 33.291" N
P-56	83° 38' 38.996" E	22° 1' 32.558" N
P-57	83° 38' 34.832" E	22° 1' 31.765" N
P-58	83° 38' 31.409" E	22° 1' 31.218" N
P-59	83° 38' 28.438" E	22° 1' 30.148" N
P-60	83° 38' 25.906" E	22° 1' 27.868" N
P-61	83° 38' 23.656" E	22° 1' 25.926" N
P-62	83° 38' 21.703" E	22° 1' 25.012" N
P-63	83° 38' 18.096" E	22° 1' 24.468" N
P-64	83° 38' 15.415" E	22° 1' 23.309" N
P-65	83° 38' 15.028" E	22° 1' 23.142" N
P-66	83° 38' 11.859" E	22° 1' 21.301" N
P-67	83° 38' 8.498" E	22° 1' 19.119" N
P-68	83° 38' 8.212" E	22° 1' 13.621" N
P-69	83° 38' 8.522" E	22° 1' 10.434" N
P-70	83° 38' 9.782" E	22° 1' 8.780" N
P-71	83° 38' 13.336" E	22° 1' 6.487" N
P-72	83° 38' 18.189" E	22° 1' 4.603" N
P-73	83° 38' 18.771" E	22° 1' 4.366" N
P-74	83° 38' 21.484" E	22° 1' 3.260" N
P-75	83° 38' 24.679" E	22° 1' 1.489" N
P-76	83° 38' 25.766" E	22° 1' 0.440" N
P-77	83° 38' 26.433" E	22° 0' 56.645" N
P-78	83° 38' 28.018" E	22° 0' 52.578" N
P-79	83° 38' 30.864" E	22° 0' 47.212" N
P-80	83° 38' 38.515" E	22° 0' 47.089" N
P-81	83° 38' 43.682" E	22° 0' 47.263" N
P-82	83° 38' 47.022" E	22° 0' 48.327" N
P-83	83° 38' 48.688" E	22° 0' 48.644" N
P-84	83° 38' 52.636" E	22° 0' 47.720" N
P-85	83° 38' 59.308" E	22° 0' 44.517" N
P-86	83° 39' 4.707" E	22° 0' 42.280" N
P-87	83° 39' 6.716" E	22° 0' 41.215" N
P-88	83° 39' 4.808" E	22° 0' 37.807" N
P-89	83° 39' 3.001" E	22° 0' 34.827" N
P-90	83° 39' 2.004" E	22° 0' 30.801" N
P-91	83° 39' 2.523" E	22° 0' 28.987" N
P-92	83° 39' 4.320" E	22° 0' 26.464" N
P-93	83° 39' 6.071" E	22° 0' 21.449" N
P-94	83° 39' 7.333" E	22° 0' 19.881" N

Provisional Cardinal Points for Dip Side Of Chatabar Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	83° 39' 9.795" E	22° 0' 18.379" N
P-96	83° 39' 14.830" E	22° 0' 16.406" N
P-97	83° 39' 19.492" E	22° 0' 14.266" N
P-98	83° 35' 26.079" E	22° 0' 17.764" N
P-99	83° 35' 26.668" E	22° 0' 50.154" N
P-100	83° 35' 28.657" E	22° 2' 39.371" N
P-101	83° 35' 40.821" E	22° 2' 42.489" N
P-102	83° 35' 49.078" E	22° 2' 43.962" N
P-103	83° 35' 57.096" E	22° 2' 44.373" N
P-104	83° 36' 2.236" E	22° 2' 44.236" N
P-105	83° 36' 6.013" E	22° 2' 43.537" N
P-106	83° 36' 8.488" E	22° 2' 42.658" N
P-107	83° 36' 11.543" E	22° 2' 41.750" N
P-108	83° 36' 13.774" E	22° 2' 41.087" N
P-109	83° 36' 18.774" E	22° 2' 40.112" N
P-110	83° 36' 23.293" E	22° 2' 39.641" N
P-111	83° 36' 30.360" E	22° 2' 39.448" N