Sahapur East Coal Block Summary

PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Sahapur East**
	Latitude	23° 14' 19" N to 23° 15' 34" N (Provisional)
	Longitude	81° 18' 47" E to 81° 20' 31" E (Provisional)
	Topo Sheet No.	Survey of India Toposheet No. 64 E/7 & E/8 (R.F. 1:50,000)
	Coalfield	Sohagpur Coalfield
	Villages	Senduri, Chunia, Kathotia are the villages falling within the block.
	Tehsil/Taluka	Sohagpur & Pali
	District	Shahdol & Umaria
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	The nearest railway station is Shahdol located 12 Km. south-east of the block on Anuppur- Chirimiri & Bilaspur - Katni broad gauge line of South-Eastern Railways.
	Road	The block is well connected by road. National highway No. 78 passes through Shahdol.
3.	**Area**	
	Geological Block Area	6.59 sq. km. (As per shape file. Refer Note No. 3)
	Forest Area	2% (Approximately, as per FSI Map)
	Non-Forest Area	98% (Approximately, as per FSI Map)
4.	**Climate and Topography**	
	Average Annual Rainfall	Annual rainfall varies between 1000mm and 1700mm
	Temperature (Min. — Max.)	7°C - 46°C
	Local Surface Drainage Channels	The Shahpur East Block is marked by dendritic pattern of drainage system formed by north-ward flowing nala namely Ghinachunia, This is the only drainage system available within the block. A number of small ponds are found within the block.
	Rivers	Ghinachunia Nala.
5.	**Exploration**	
	Status	Explored
	Exploration Agency	MECL.
	Total Number of Boreholes with meterage	64 Boreholes; 13580.30 m (55 boreholes involving 11110.30m by MECL and earlier 9 boreholes involving 247.000m by GSI.)
	Borehole Density	9.71 boreholes per Sq. km.
	General Dip of Seams	Dip is 1° to 2° south easterly.
	General Strike Direction	The general strike of the coal seams is NW-SE.

6.	**Coal Seams & Reserve**				
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Net Proved Reserves (Mt.)	Grade
	IV	0.03 – 2.85	39.93 - 108.52	10.864	C – D
	L2	0.02 – 2.28	86.59 - 149.07	8.781	C – E
	III A	0.30 – 5.49	108.10 - 171.50	11.316	D – E
	III B	0.42 – 4.76	133.75 - 173.77	5.619	D – F
	III L	0.50 – 1.05	135.48 - 172.68	0.356	C – E
	II	0.15 – 4.55	125.78 - 194.15	24.988	C – E
	I	0.05 – 0.60	159.33 - 223.35		
	L1	0.05 – 0.90	161.50 - 246.78	1.439	C – E
	TOTAL			**63.363**	
7.	**Surface Constraints**	NA			

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name and Address of Allocatee	**National Mineral Devlopment Corporation Limited, Khanij Bhavan, 10-3-311/A, Castle Hills Masab Tank, Hyderbad- 500173, India**
2.	**Target Capacity as per Mining Plan**	**0.70 MTY.**
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	Approved
	Forest Clearance	Not Available
	Environmental Clearance	EC pending, subject to Stage – I FC
	Mining Lease	Not granted
	Land Acquisition	Not acquired
	No. of PAFs as per Mining Plan/ Mine Closure Plan	Nil
4.	Surface Infrastructure already built, if any.	Nil

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 may be 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.

Sahapur East Block, Sohagpur Coalfield

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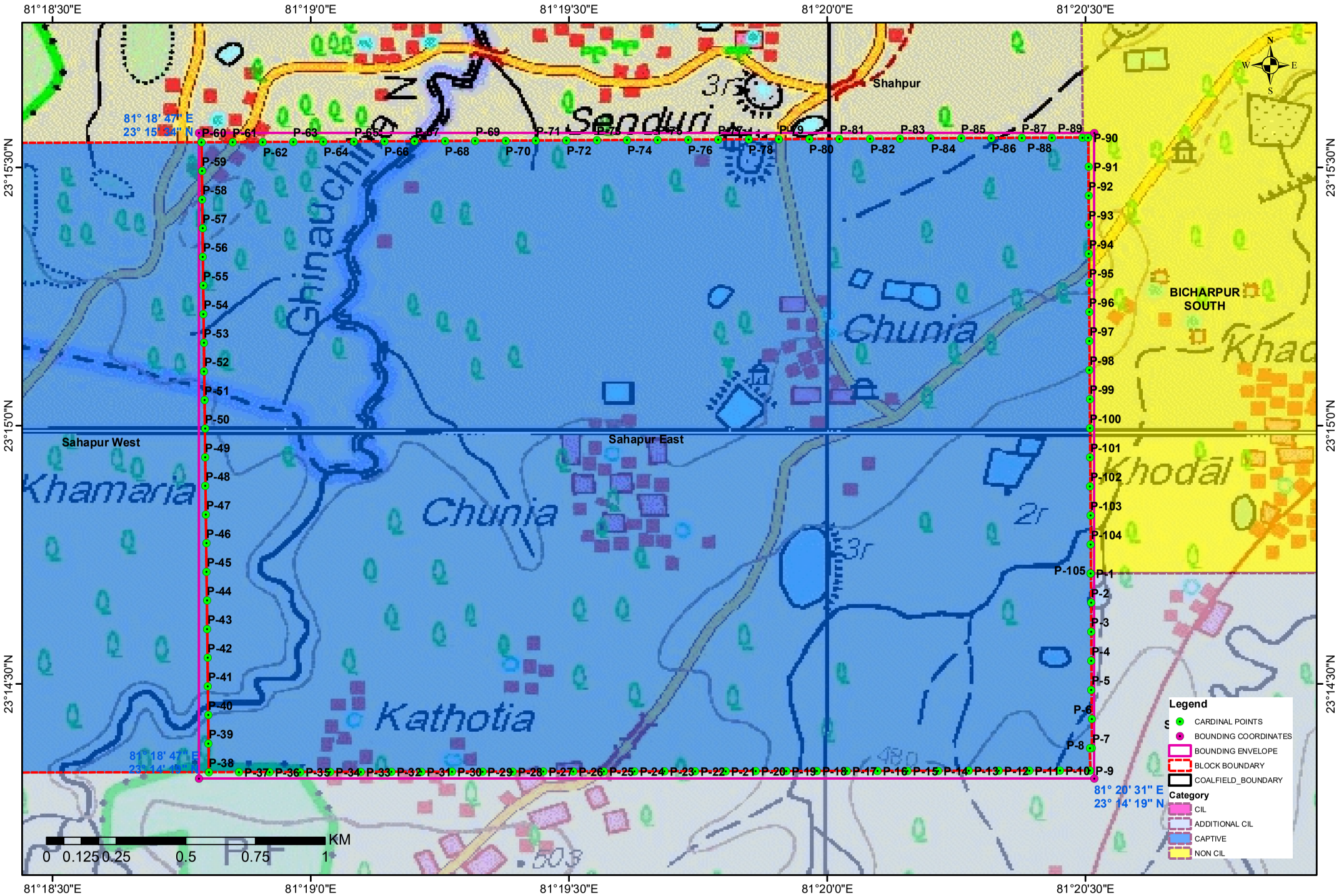

NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Sahapur East Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	81° 20' 30.625" E	23° 14' 42.830" N
P-2	81° 20' 30.646" E	23° 14' 39.449" N
P-3	81° 20' 30.666" E	23° 14' 36.069" N
P-4	81° 20' 30.687" E	23° 14' 32.688" N
P-5	81° 20' 30.707" E	23° 14' 29.308" N
P-6	81° 20' 30.728" E	23° 14' 25.927" N
P-7	81° 20' 30.748" E	23° 14' 22.546" N
P-8	81° 20' 30.500" E	23° 14' 22.543" N
P-9	81° 20' 30.557" E	23° 14' 19.943" N
P-10	81° 20' 27.026" E	23° 14' 19.937" N
P-11	81° 20' 23.495" E	23° 14' 19.930" N
P-12	81° 20' 19.964" E	23° 14' 19.924" N
P-13	81° 20' 16.433" E	23° 14' 19.917" N
P-14	81° 20' 12.903" E	23° 14' 19.910" N
P-15	81° 20' 9.372" E	23° 14' 19.904" N
P-16	81° 20' 5.841" E	23° 14' 19.897" N
P-17	81° 20' 2.310" E	23° 14' 19.890" N
P-18	81° 19' 58.779" E	23° 14' 19.884" N
P-19	81° 19' 55.248" E	23° 14' 19.877" N
P-20	81° 19' 51.717" E	23° 14' 19.870" N
P-21	81° 19' 48.187" E	23° 14' 19.864" N
P-22	81° 19' 44.656" E	23° 14' 19.857" N
P-23	81° 19' 41.125" E	23° 14' 19.850" N
P-24	81° 19' 37.594" E	23° 14' 19.843" N
P-25	81° 19' 34.063" E	23° 14' 19.836" N
P-26	81° 19' 30.532" E	23° 14' 19.829" N
P-27	81° 19' 27.001" E	23° 14' 19.823" N
P-28	81° 19' 23.470" E	23° 14' 19.816" N
P-29	81° 19' 19.940" E	23° 14' 19.809" N
P-30	81° 19' 16.409" E	23° 14' 19.802" N
P-31	81° 19' 12.878" E	23° 14' 19.795" N
P-32	81° 19' 9.347" E	23° 14' 19.788" N
P-33	81° 19' 5.816" E	23° 14' 19.781" N
P-34	81° 19' 2.285" E	23° 14' 19.774" N
P-35	81° 18' 58.754" E	23° 14' 19.767" N
P-36	81° 18' 55.224" E	23° 14' 19.760" N
P-37	81° 18' 51.693" E	23° 14' 19.752" N
P-38	81° 18' 48.162" E	23° 14' 19.745" N
P-39	81° 18' 48.123" E	23° 14' 23.071" N
P-40	81° 18' 48.085" E	23° 14' 26.397" N
P-41	81° 18' 48.047" E	23° 14' 29.724" N
P-42	81° 18' 48.008" E	23° 14' 33.050" N
P-43	81° 18' 47.970" E	23° 14' 36.376" N
P-44	81° 18' 47.931" E	23° 14' 39.702" N
P-45	81° 18' 47.893" E	23° 14' 43.028" N
P-46	81° 18' 47.855" E	23° 14' 46.354" N
P-47	81° 18' 47.816" E	23° 14' 49.680" N

Provisional Cardinal Points for Sahapur East Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	81° 18' 47.778" E	23° 14' 53.006" N
P-49	81° 18' 47.739" E	23° 14' 56.332" N
P-50	81° 18' 47.701" E	23° 14' 59.658" N
P-51	81° 18' 47.662" E	23° 15' 2.984" N
P-52	81° 18' 47.624" E	23° 15' 6.310" N
P-53	81° 18' 47.586" E	23° 15' 9.636" N
P-54	81° 18' 47.547" E	23° 15' 12.963" N
P-55	81° 18' 47.509" E	23° 15' 16.289" N
P-56	81° 18' 47.470" E	23° 15' 19.615" N
P-57	81° 18' 47.432" E	23° 15' 22.941" N
P-58	81° 18' 47.393" E	23° 15' 26.267" N
P-59	81° 18' 47.355" E	23° 15' 29.593" N
P-60	81° 18' 47.317" E	23° 15' 32.919" N
P-61	81° 18' 50.911" E	23° 15' 32.932" N
P-62	81° 18' 54.438" E	23° 15' 32.951" N
P-63	81° 18' 57.965" E	23° 15' 32.971" N
P-64	81° 19' 1.491" E	23° 15' 32.990" N
P-65	81° 19' 5.018" E	23° 15' 33.009" N
P-66	81° 19' 8.544" E	23° 15' 33.028" N
P-67	81° 19' 12.071" E	23° 15' 33.048" N
P-68	81° 19' 15.598" E	23° 15' 33.067" N
P-69	81° 19' 19.124" E	23° 15' 33.086" N
P-70	81° 19' 22.651" E	23° 15' 33.105" N
P-71	81° 19' 26.177" E	23° 15' 33.125" N
P-72	81° 19' 29.704" E	23° 15' 33.144" N
P-73	81° 19' 33.231" E	23° 15' 33.163" N
P-74	81° 19' 36.757" E	23° 15' 33.182" N
P-75	81° 19' 40.284" E	23° 15' 33.201" N
P-76	81° 19' 43.810" E	23° 15' 33.220" N
P-77	81° 19' 47.337" E	23° 15' 33.239" N
P-78	81° 19' 50.864" E	23° 15' 33.258" N
P-79	81° 19' 54.390" E	23° 15' 33.277" N
P-80	81° 19' 57.917" E	23° 15' 33.296" N
P-81	81° 20' 1.444" E	23° 15' 33.315" N
P-82	81° 20' 4.970" E	23° 15' 33.334" N
P-83	81° 20' 8.497" E	23° 15' 33.353" N
P-84	81° 20' 12.023" E	23° 15' 33.372" N
P-85	81° 20' 15.550" E	23° 15' 33.391" N
P-86	81° 20' 19.077" E	23° 15' 33.410" N
P-87	81° 20' 22.603" E	23° 15' 33.429" N
P-88	81° 20' 26.130" E	23° 15' 33.448" N
P-89	81° 20' 29.656" E	23° 15' 33.466" N
P-90	81° 20' 30.319" E	23° 15' 33.470" N
P-91	81° 20' 30.339" E	23° 15' 30.094" N
P-92	81° 20' 30.360" E	23° 15' 26.718" N
P-93	81° 20' 30.380" E	23° 15' 23.342" N
P-94	81° 20' 30.401" E	23° 15' 19.966" N

Provisional Cardinal Points for Sahapur East Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	81° 20' 30.421" E	23° 15' 16.590" N
P-96	81° 20' 30.441" E	23° 15' 13.214" N
P-97	81° 20' 30.462" E	23° 15' 9.838" N
P-98	81° 20' 30.482" E	23° 15' 6.462" N
P-99	81° 20' 30.503" E	23° 15' 3.086" N
P-100	81° 20' 30.523" E	23° 14' 59.710" N
P-101	81° 20' 30.544" E	23° 14' 56.334" N
P-102	81° 20' 30.564" E	23° 14' 52.958" N
P-103	81° 20' 30.585" E	23° 14' 49.582" N
P-104	81° 20' 30.605" E	23° 14' 46.206" N