RAJHARA NORTH (CENTRAL & EASTERN)
COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Rajhara North (Central & Eastern)**
	Latitude	24° 09' 42" N to 24° 10' 08" N (Provisional)
	Longitude	84° 02' 48" E to 84° 04' 07" E (Provisional)
	Topo Sheet No.	
	Coalfield	Daltonganj Coalfield
	Villages	Pandwa, Rajhara (As per Mine Plan)
	Tehsil/Taluka	Patan & Bishrampur (As per Mine Plan)
	District	Palamu
	State	Jharkhand
2.	**Connectivity with Block**	
	Nearest Rail Head	Nearest railway station Kajri, lies at a distance of about 4 km on the Gomoh-Dehri-On-Sone loop line of East Central Railway.
	Road	NH-75 connecting Daltonganj with Aurangabad is passing through the eastern part of the block.
	Airport	
3.	**Area**	
	Geological Block Area	1.09 sq. km. (As per shape file. Refer Note No. 3)
	Forest Area	Nil (As per FSI Map)
	Non-Forest Area	100%
4.	**Climate and Topography**	
	Average Annual Rainfall	125-150cm
	Temperature (Min. — Max.)	5°C to 46°C
	Local Surface Drainage Channels	The topography of the block is almost flat having a gentle southerly slope. The principal drainage in the area is provided by South-Westerly flowing Sadabaha River forming western boundary of the block which joins the North Koel River in the south. Numerous South to South-westerly flowing nalas and rivulets join the main drainage system to form dendritic drainage system.
	Rivers	Sadabaha River forming western boundary of the block.
5.	**Exploration**	
	Status	Explored
	Exploration Agency	MECL, CCL, & MVMPL
	Total Number of Boreholes with meterage	32 boreholes; 1937.30 m.

	Borehole Density	30 boreholes per sq. km.				
	General Dip of Seams	The block is categorized by rolling dip which varies from 1 in 6 in the western part to 1 in 16 in the eastern part.				
	General Strike Direction	The general strike of coal seams is E-W in the western part and swings to NE-SW in the eastern part.				
6.	**Coal Seams & Reserve (Geological resource as considered in the approved mining plan)**					
	Number of Coal Seams	Thickness Range (m)	Floor Depth Range (m)	Gross Resources (Mt.)	Net Proved Resources (Mt.)	Grade
	Rajhara Top	5.08-8.56	3.60-40.53	2.205	1.985	D-F
	Rajhara Middle	0.91-6.65		1.053	0.947	
	Rajhara Bottom	11.01-20.47	6.62-87.90	19.265	17.339	D-F
	TOTAL			**22.5**	**20.27**	
7.	**Surface Constraints**	NA				

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name and Address of Allocatee	Mukund Limited, Vini Iron & Steel Udyog Limited
2.	**Target Capacity as per Mining Plan**	0.75 Mty
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	Approved by MoC vide letter No. 13016/52/2008-CA-I (Part) dated 16.12.2011
	Forest Clearance	Not required
	Environmental Clearance	Not Available
	Mining Lease	Not granted
	Land Acquisition	NIL
	No. of PAFs as per Mining Plan/ Mine Closure Plan	431 persons in 147 households
4.	Surface Infrastructure already built, if any.	NIL

Note:

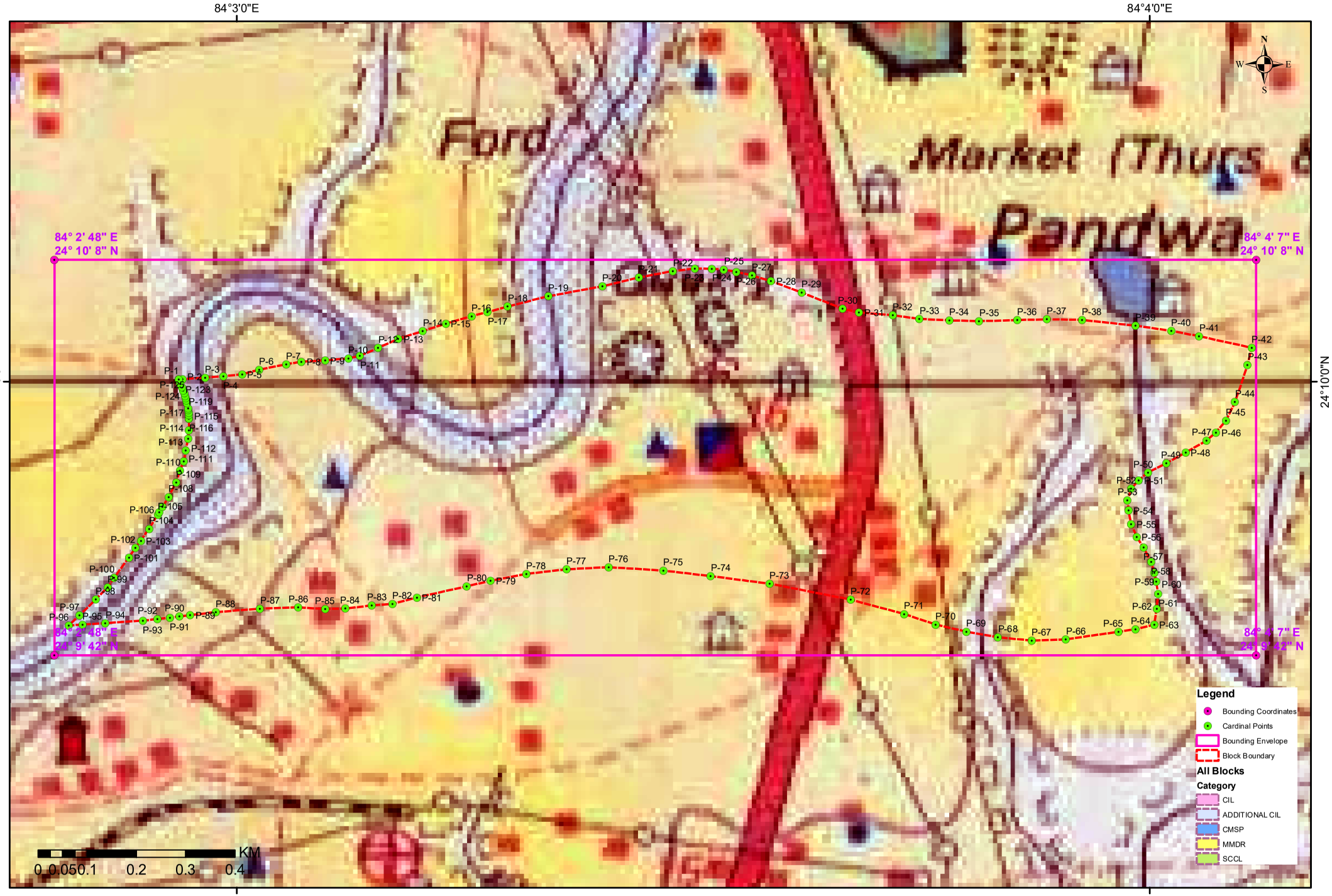
1. The above data is compiled from Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.

2. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.

3. The area is tentative and field DGPS survey is required to ascertain the exact area.

Rajhara North (Central & Eastern)

FOR INTERNAL/RESTRICTED USE ONLY



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Rajhara North (Central & Eastern) Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	84° 2' 56.155" E	24° 10' 0.146" N
P-2	84° 2' 56.398" E	24° 10' 0.162" N
P-3	84° 2' 57.898" E	24° 10' 0.257" N
P-4	84° 2' 59.095" E	24° 10' 0.349" N
P-5	84° 3' 0.348" E	24° 10' 0.476" N
P-6	84° 3' 1.446" E	24° 10' 0.772" N
P-7	84° 3' 3.237" E	24° 10' 1.134" N
P-8	84° 3' 4.226" E	24° 10' 1.307" N
P-9	84° 3' 5.779" E	24° 10' 1.389" N
P-10	84° 3' 7.313" E	24° 10' 1.522" N
P-11	84° 3' 8.077" E	24° 10' 1.691" N
P-12	84° 3' 9.283" E	24° 10' 2.213" N
P-13	84° 3' 10.600" E	24° 10' 2.806" N
P-14	84° 3' 12.218" E	24° 10' 3.319" N
P-15	84° 3' 13.724" E	24° 10' 3.812" N
P-16	84° 3' 15.400" E	24° 10' 4.291" N
P-17	84° 3' 16.480" E	24° 10' 4.570" N
P-18	84° 3' 17.802" E	24° 10' 4.939" N
P-19	84° 3' 20.466" E	24° 10' 5.610" N
P-20	84° 3' 24.030" E	24° 10' 6.263" N
P-21	84° 3' 26.415" E	24° 10' 6.842" N
P-22	84° 3' 28.654" E	24° 10' 7.263" N
P-23	84° 3' 30.074" E	24° 10' 7.428" N
P-24	84° 3' 31.217" E	24° 10' 7.416" N
P-25	84° 3' 32.006" E	24° 10' 7.362" N
P-26	84° 3' 32.834" E	24° 10' 7.207" N
P-27	84° 3' 33.832" E	24° 10' 6.985" N
P-28	84° 3' 35.096" E	24° 10' 6.614" N
P-29	84° 3' 37.099" E	24° 10' 5.862" N
P-30	84° 3' 39.803" E	24° 10' 4.797" N
P-31	84° 3' 40.896" E	24° 10' 4.543" N
P-32	84° 3' 43.111" E	24° 10' 4.362" N
P-33	84° 3' 44.859" E	24° 10' 4.121" N
P-34	84° 3' 46.829" E	24° 10' 4.021" N
P-35	84° 3' 48.797" E	24° 10' 3.973" N
P-36	84° 3' 51.288" E	24° 10' 4.038" N
P-37	84° 3' 53.216" E	24° 10' 4.093" N
P-38	84° 3' 55.541" E	24° 10' 4.051" N
P-39	84° 3' 59.072" E	24° 10' 3.672" N
P-40	84° 4' 1.408" E	24° 10' 3.334" N
P-41	84° 4' 3.248" E	24° 10' 2.979" N
P-42	84° 4' 6.713" E	24° 10' 2.221" N
P-43	84° 4' 6.439" E	24° 10' 1.098" N
P-44	84° 4' 5.614" E	24° 9' 58.658" N
P-45	84° 4' 5.005" E	24° 9' 57.426" N
P-46	84° 4' 4.348" E	24° 9' 56.640" N
P-47	84° 4' 3.723" E	24° 9' 56.112" N
P-48	84° 4' 2.354" E	24° 9' 55.329" N
P-49	84° 4' 1.078" E	24° 9' 54.617" N

Provisional Cardinal Points for Rajhara North (Central & Eastern) Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-50	84° 3' 59.874" E	24° 9' 54.009" N
P-51	84° 3' 59.267" E	24° 9' 53.499" N
P-52	84° 3' 58.792" E	24° 9' 52.957" N
P-53	84° 3' 58.548" E	24° 9' 52.196" N
P-54	84° 3' 58.600" E	24° 9' 51.526" N
P-55	84° 3' 58.790" E	24° 9' 50.619" N
P-56	84° 3' 59.146" E	24° 9' 49.783" N
P-57	84° 3' 59.593" E	24° 9' 49.087" N
P-58	84° 4' 0.083" E	24° 9' 48.134" N
P-59	84° 4' 0.287" E	24° 9' 47.433" N
P-60	84° 4' 0.431" E	24° 9' 46.851" N
P-61	84° 4' 0.562" E	24° 9' 46.029" N
P-62	84° 4' 0.453" E	24° 9' 45.064" N
P-63	84° 4' 0.290" E	24° 9' 44.012" N
P-64	84° 3' 59.060" E	24° 9' 43.713" N
P-65	84° 3' 57.921" E	24° 9' 43.537" N
P-66	84° 3' 54.485" E	24° 9' 43.041" N
P-67	84° 3' 52.238" E	24° 9' 42.963" N
P-68	84° 3' 50.022" E	24° 9' 43.178" N
P-69	84° 3' 47.934" E	24° 9' 43.551" N
P-70	84° 3' 45.938" E	24° 9' 44.011" N
P-71	84° 3' 43.860" E	24° 9' 44.710" N
P-72	84° 3' 40.335" E	24° 9' 45.656" N
P-73	84° 3' 35.009" E	24° 9' 46.705" N
P-74	84° 3' 31.137" E	24° 9' 47.198" N
P-75	84° 3' 28.019" E	24° 9' 47.567" N
P-76	84° 3' 24.435" E	24° 9' 47.791" N
P-77	84° 3' 21.646" E	24° 9' 47.651" N
P-78	84° 3' 19.012" E	24° 9' 47.342" N
P-79	84° 3' 16.680" E	24° 9' 46.901" N
P-80	84° 3' 15.114" E	24° 9' 46.527" N
P-81	84° 3' 11.815" E	24° 9' 45.793" N
P-82	84° 3' 10.213" E	24° 9' 45.367" N
P-83	84° 3' 8.866" E	24° 9' 45.272" N
P-84	84° 3' 7.110" E	24° 9' 45.066" N
P-85	84° 3' 5.780" E	24° 9' 45.040" N
P-86	84° 3' 4.016" E	24° 9' 45.144" N
P-87	84° 3' 1.526" E	24° 9' 45.061" N
P-88	84° 2' 58.609" E	24° 9' 44.833" N
P-89	84° 2' 56.912" E	24° 9' 44.637" N
P-90	84° 2' 56.213" E	24° 9' 44.543" N
P-91	84° 2' 55.580" E	24° 9' 44.467" N
P-92	84° 2' 54.771" E	24° 9' 44.378" N
P-93	84° 2' 53.805" E	24° 9' 44.272" N
P-94	84° 2' 51.350" E	24° 9' 44.105" N
P-95	84° 2' 49.837" E	24° 9' 44.013" N
P-96	84° 2' 48.942" E	24° 9' 43.958" N
P-97	84° 2' 49.630" E	24° 9' 44.621" N
P-98	84° 2' 50.713" E	24° 9' 45.666" N

Provisional Cardinal Points for Rajhara North (Central & Eastern) Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-99	84° 2' 51.478" E	24° 9' 46.455" N
P-100	84° 2' 51.938" E	24° 9' 47.102" N
P-101	84° 2' 52.880" E	24° 9' 48.426" N
P-102	84° 2' 53.324" E	24° 9' 49.049" N
P-103	84° 2' 53.662" E	24° 9' 49.524" N
P-104	84° 2' 54.203" E	24° 9' 50.305" N
P-105	84° 2' 54.788" E	24° 9' 51.241" N
P-106	84° 2' 54.894" E	24° 9' 51.409" N
P-107	84° 2' 55.114" E	24° 9' 51.762" N
P-108	84° 2' 55.496" E	24° 9' 52.409" N
P-109	84° 2' 55.979" E	24° 9' 53.360" N
P-110	84° 2' 56.260" E	24° 9' 54.135" N
P-111	84° 2' 56.488" E	24° 9' 54.763" N
P-112	84° 2' 56.648" E	24° 9' 55.459" N
P-113	84° 2' 56.781" E	24° 9' 56.231" N
P-114	84° 2' 56.851" E	24° 9' 56.787" N
P-115	84° 2' 56.849" E	24° 9' 57.559" N
P-116	84° 2' 56.849" E	24° 9' 57.560" N
P-117	84° 2' 56.832" E	24° 9' 57.794" N
P-118	84° 2' 56.821" E	24° 9' 57.948" N
P-119	84° 2' 56.809" E	24° 9' 58.128" N
P-120	84° 2' 56.802" E	24° 9' 58.224" N
P-121	84° 2' 56.712" E	24° 9' 58.582" N
P-122	84° 2' 56.667" E	24° 9' 58.764" N
P-123	84° 2' 56.629" E	24° 9' 58.914" N
P-124	84° 2' 56.595" E	24° 9' 59.050" N
P-125	84° 2' 56.530" E	24° 9' 59.238" N
P-126	84° 2' 56.461" E	24° 9' 59.406" N
P-127	84° 2' 56.366" E	24° 9' 59.633" N
P-128	84° 2' 56.276" E	24° 9' 59.851" N