Summary of the Mineral Block

[to be made available on the website of e-auction platform provider]

PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details
1.	**Location**	
	Mineral Block	Ghoraburhani-Sagasahi
	Latitude	21º 56’8.9´´ N to 21º 57’9.5´´ N
	Longitude	85º 17’2.6´´E to 85º 17’57.4´´ E
	Villages	Ghoraburhani-Sagasahi
	Tehsil/Taluka	Koira
	District	Sundargarh
	State	Odisha
2.	**Area (hectares/square kilometres)**	
	Mineralised Area	90.629 Ha
	Non-mineralised Area	48.536 Ha.
3.	**Exploration**	
	Status (G2/G3/G4 etc.)	G2 stage
	Exploration Agency	Geological survey of India
	Total Number of Boreholes with meterage	28 nos with 2200.70m
	Borehole Spacing (Density)	200m along strike and 100m & 200m spacing along dip direction
4.	**Quantity of Minerals (Grade-wise)**	
	Mineral	Iron ore
	Total Geological Resources (Reserves)	At 55% Fe cut off is 84.92 million tonnes with Fe: 63.23% and at 45 to 55% Fe cut-off is 14.67 million tonnes with Fe: 49.97%. Total resource- 99.59 mt.
5.	**Mineralised Zones**	
	Number of Mineral zones	-
	Trend (Dip and strike)	ENE-WSW strike with 20 º to 40 º dip towards north west.
	Total Thickness	At 55% Fe cut-off vary from 2.00m to 113m, at 45%- 55% Fe cut-off vary from 1.75m to 28.00m.
6.	**Grade**	
	Mineral	Iron Ore (55% Fe cut off)- Fe: 63.23%, Sio_2: 2.39% and Al_2O_3: 2.81%

		Iron Ore (45-55% Fe cut off)- Fe: 49.97%, Sio_2: 8.59% and Al_2O_3: 9.54%
6.	**Accessibility**	
	Nearest Rail Head	Barbil
	Road	Nearest National Highway is NH-215
	Airport	Bhubaneswar
7.	**Hydrography**	
	Local Surface Drainage Pattern (Channels)	Dendritic pattern
	Rivers/Streams	Suna river 1 to 2 km away towards East
8.	**Climate**	
	Mean Annual Rainfall	1534.5 mm (Keonjhar)
	Temperatures (December)	4 º - 5 º C
	Temperatures (June)	50 º C
9.	**Topography**	
	TopoSheet Number	73G/5
	Morphology of the Area	Steep slopes & rugged topography

PART B – PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS

	Particulars	**Details/Status**
1.	Forest clearance	To be obtained by the Successful Bidder
2.	Wild life clearance (sanctuary, reserve or special zone clearances)	-do-
3.	Environmental clearance	-do-
4.	Consent to establish	-do-
5.	Explosive licence	-do-
6.	Permission for mine opening	-do-
7.	Permission of installation/ trial operation of equipment	-do-
8.	Ground water clearance (Centre/State)	-do-
9.	Railway siding approval	-do-
10.	Approval for diesel storage	-do-
11.	Power line from State Discom	-do-
12.	Clearances relating to work under an existing transmission line or shifting of the transmission line	-do-
13.	Grama Sabha consent	-do-

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PART C – PARTICULARS OF LAND

	Area	**Details**
1.	Total Concession Area	139.165 Ha.
2.	Forest Land with Status	20.885 Ha. Jungle (Gramya jungle + Patra jungle)
3.	Government Land with Status	110.698 Ha (Dunguri- 23.761 Ha, Pahada- 81.491 Ha, UYJ- 1.14 Ha, Gochar- 3.444 Ha, Road- 0.598 Ha, Sarbasadharana byabahara jogya - 0.264 Ha)
4.	Private Land with Status	7.582 Ha
5.	Revenue survey details of the area	Refer: Land Schedule.