PART A – GENERAL INFORMATION ABOUT CHANDIPOSHI MINERAL BLOCK

	Features	Details
1	**Location**	
	Mineral Block	**Chandiposhi Iron Block**
	Latitude Longitude	

BLOCK BOUNDARY POINTS	*WGS-84*	
	LATITUDE	*LONGITUDE*
	DMS	*DMS*
A	N 21°54'05.88155"	E 85° 17'38.28661"
B	N 21°53'58.04488"	E 85° 18'01.99279"
C	N 21°53'20.76475"	E 85° 17'47.05771"
D	N 21°53'28.85239"	E 85° 17'23.10800"

	Villages	8 Km from Koira village
	Tehsil/ Taluka	Koira
	District	Sundargarh
	State	Odisha
2	**Area (hectares/ square kilometers)**	
	Total block area	131.580 hects.
	Mineralised Area	88.760 hects.
	Non-Mineralised Area	42.820 hects.
3	**Exploration**	
	Status (G2/G3/G4 etc.)	G2(332)
	Exploration Agency	Mineral Exploration Corporation Limited
	Total Number of Boreholes with meterage	12 boreholes with 781 m. of drilling
	Borehole spacing (Density)	100 m x 100 m
4	**Quantity of Minerals**	
	Mineral	Iron
	Total Geological Resources	

Sl No.	Block	Gross Resources in M.T		Net Resources in M.T	
		At 55% Fe cut-off	≥ 45% to <55% Fe Cut-off	At 55% Fe cut-off	≥ 45% to <55% Fe Cut-off
1	CHANDIPOSH	35.86(5 .72)	11.21(47.67)	32.27(58.81)	2.48(49.89)

5	**Mineralized Zones**	
	Number of Mineral Zones	10 Nos.
	Trend (Dip and Strike)	N 20°E-S20°W, dipping in Western & Eastern directions.
	Total Thickness	2.50 m to 62.50 m (Average thickness-34.40 m)

6	Grade	Sl No.	Block	Gross Resources in M.T		Net Resources in M.T	
				At 55% Fe cut-off	≥ 45% to <55% Fe Cut-off	At 55% Fe cut-off	≥ 45% to <55% Fe Cut-off
		1	CHANDIPOSHI	35.86 (5 .81)	11.21(47.57)	32.27(58.81)	2.48(49.89)
	Minerals	Iron					
7	Accessibility	The block of Chandiposh is about 4 km. from Koira village to nearly ESE direction. National Highway No.215 connecting Panikoli on National Highway No.5 with Rourkela via Kendujhar, Joda, Barbil and Koira passes through the area. The iron mines of Kalta, Barsuan, Tensa lie in the neighboring area. Barbil, the nearest railhead on Tatanagar-Barbil section of the South Eastern Rail is about 30 Km away. Airport is Bhubaneswar. A small Airstrip exist at Barbil at a distance of 35-45 kms.					
	Nearest Railhead						
	Road						
	Airport						
8	Hydrography						
	Local surface drainage pattern(channels)	The Teheral Nala flowing through areas west of the sub-block meets the Suna Nadi to the north of it.					
	River/Streams	Suna Nadi					
9	Climate						
	Mean Annual Rainfall	1600 mm					
	Temperatue (December)	5 Degree C					
	Temperatue (June)	47Degree C					
10	Topography						
	Toposheet Nos.	73 G/5					
	Morphology of the area	The areas of this sub-block represent part of a rugged terrain with small hillocks and intervening valleys, having highest topographical contour value of 678m. and lowest at 604m, making the relief of the sub-block 74m.This sub-block is marked by three main small mounds /ridges with elevations of nearly 645m (645.60m.) in the central part with nearly a N-S trend, 654.50m. in the south western part & 679.30 . in the south-eastern part of the area and intervening low lying areas covered by soil & partly altered laterite. The Teheral Nala flowing through areas west of the sub-block meets the Suna Nadi to the north of it.					

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

Sl. No.	Particulars	Details/Status
1	***Forest Clearance***	***To be obtained by the successful bidder/not applicable/ if available, State to provide details***
2	Wild life Clearance(Sanctuary, Reserve or Special Zone Clearances	-do-
3	Environmental Clearance	-do-
4	Consent to Establish	-do-
5	Explosive License	-do-
6	Permission for Mines opening	-do-
7	Permission of Installation, tiral operation of equipment	-do-
8	Ground water clearance (Centre/State)	-do-
9	Railway Siding approval	-do-
10	Approval of Diesel storage	-do-
11	Power line from State Discom	-do-
12	Clearanc relating to work under an existing transmission line or shifting of the transmission line	-do-
13	Gramasabha consent	-do-

PART C-PARTICULARS OF LAND

Sl. No.	Area	Details
1	Total concession area	131.580 hects.
2	Forest land with status	Total Forest land 83.601 hects. *Revenue Forest: 26.386 hects. + DLC Forest: 57.215 hects.*
3	Govt. land with status	Total Govt. Land: 33.422 hects.(Pathar Chatana, Nala, Patita, Rasta, UJJ, Gochara, Basti Jogya, Bagayat, Gogost & Goda-1 &2)
4	Private land with status	Total Private land: 14.557 hects.(ST Land: 10.450 hects., Private Land: 4.107 hects.)
5	Revenue survey details of the area	-