PART A – REVISED GENERAL INFORMATION ABOUT CHANDIPOSHI MINERAL BLOCK

	Features	Details
1	**Location**	
	Mineral Block	**Chandiposhi Iron Block**
	SURVEYED BLOCK PILLAR CO-ORDINATES	

Sl No.	Pillar-Id	LATITUDE	LONGITUDE	EASTING	NORTHING
1	1	21°54'14.12851"N	85°17'34.20567"E	323647.5684	2423173.1242
2	2	21°53'30.88580"N	85°17'16.48253"E	323124.0701	2421848.8281
3	3	21°53'28.85230"N	85°17'23.10715"E	323313.5233	2421784.1682
4	4	21°53'20.76434"N	85°17'47.05771"E	323998.2298	2421527.7801
5	5	21°53'58.04511"N	85°18'01.99921"E	324439.7947	2422669.6206
6	6	21°54'04.17395"N	85°18'04.32181"E	324508.5428	2422857.3791

	Villages	8 Km from Koira village
	Tahasil/ 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)	200 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(58.81)	11.21(47.67)	32.27(58.81)	10.09(47.67)

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 (58 .81)	11.21(47.57)	32.27(58.81)	10.09(47.67)
	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 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 block 74m.This 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 block meets the Suna Nadi to the north of it.					