SUMMARY OF THE KHATKURBAHAL LIMESTONE BLOCK

PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details
1.	**Location**	
	Mineral Block	Khatkurbahal
	Lattitude	1. 22^0 16’ 41.35049’’N 2. 22^0 16’ 54.11324’’N 3. 22^0 16’ 54.28431’’N 4. 22^0 16’ 42.63499’’N
	Longitude	1. 84^0 29’ 09.48762’’E 2. 84^0 29’ 09.31548’’E 3. 84^0 28’ 23.14450’’E 4. 84^0 28’ 23.05928’’E
	Villages	Khatkurbahal, Khatang, Kusnatoli
	Tehsil/Tauka	Kutra
	District	Sundargarh
	State	Odisha
2.	**Area(hectares/square kilometres)**	
	Mineralised area	37.368 Ha.
	Non-mineralised area	12.438 Ha.
3.	**Exploration**	
	Status(G2/G3/G4 etc.)	G2
	Exploration Agency	Directorate of Geology, Odisha
	Total Number of Boreholes with meterage	38 No. 1824.76 m
	Borehole spacing(Density)	150m x 50m grid spacing
4.	**Quantity of Minerals(Grade –wise)**	
	Mineral	Limestone
	Total Geological Resources(Reserve)	9.99 million tonnes
5.	**Mineralised Zones**	
	Number of mineral zones	One
	Trend(Dip and strike)	E-W to N80^{o}E-S80^{o}W with 25° to 85° dip on either side.
6.	**Grade**	$CaCO_3$ - 83.80% $MgCO_3$ - 3.65%
	Mineral	Limestone
7.	**Accessibility**	
	Nearest Rail head	Rajgangpur along Jharsuguda - Rourkela section of Bombay -Howrah line via-Nagpur of S.E Railway.
	Road	The village Khatkurbahal comes under Sadar sub-division of Sundargarh district. It is negotiable by a

		"Kutchha" all weather road of 9 kms long from Kutra which is located on State Highway No.10, at a distance of 48 km. from Sundargarh.
	Airport	Bhubaneswar
8.	**Hydrography**	
	Local Surface Drainage Pattern(Channels)	Jharia and Nakti nalas along with their tributaries, control the overall drainage pattern of the area. They flow in north-easterly direction and finally join the Sankh River.
	River/Streams	Jharia and Nakti nalas along with their tributaries.
9.	**Climate**	
	Mean Annual Rainfall	1500mm.
	Temperature(December)	The coldest month when the temperature goes down to 12^0 C
	Temperature(June)	Maximum temperature of 42^0C
10.	**Topography**	
	Toposheet Number	73 B/7
	Morphology of the area	The area is bounded by narrow and elongated hill ranges on north and south with a valley in between, which extends for a considerable distance in the north east-south west direction. It exhibits a gently undulating topography occasionally with dome shaped isolated hillocks.

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 clearance	-do-
6.	Permission for mine opening	-do-
7.	Permission of installatio0n/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-

PARTC – PARTICULARS OF LAND

	Area	**Details**
1.	Total Concession Area	49.881 Ha.
2.	Forest land with Status	Nil
3.	Government land with Status	15.473 Ha.(Gochar - 1.453 Ha., Rasta - 1.458 Ha., Hata - 1.053 Ha., Bahal Sadharana - 4.769 Ha., Gharabari - 0.718 Ha., Bijesthali - 0.016 Ha., Mala Sadharana - 3.74 Ha., Patita - 0.035 Ha., Danda - 0.023 Ha, Bandha - 0.435 Ha., Bastijogya - 0.146 Ha., Goda 2 - 1.445 Ha., Khani - 0.029 Ha., Addi - 0.112 Ha., Jagannath Mandir - 0.041 Ha)
4.	Private land with Status	34.408 Ha.
5.	Revenue survey details of the area	Ref: Land schedule

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