Summary of the Mineral Block of Garramura Limestone Deposit

[To be made available on the website of e-auction platform provide]

PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details
1.	**Location**	
	Mineral Block	**Garramura Cystalline Limestone deposit**
	Latitude	1. 20^0 17' 44.82499''N 2. 20^0 17' 52.61350''N 3. 20^0 17' 36.66507''N 4. 20^0 17' 28.86441''N
	Longitude	1. 82^0 44' 44.14335''E 2. 82^0 45' 01.83148''E 3. 82^0 45' 09.22604''E 4. 82^0 44' 51.72710''E
	Villages	Garramura, Khariar
	Tehsil/Tauka	Khariar
	District	Nuapada
	State	Odisha
2.	**Area(hectares/square kilometres)**	
	Mineralised area	19.579 Hectares
	Non-mineralised area	10.677 Hectares
3.	**Exploration**	
	Status (G2/G3/G4 etc.)	G 2
	Exploration Agency	Directorate of Geology, Odisha
	Total Number of Boreholes with meterage	22, 1041.90m
	Borehole spacing(Density)	100 m x 50 m
4.	**Quantity of Minerals(Grade –wise)**	
	Mineral	**Limestone**
	Total Geological Resources(Reserve)	**3.88 million tonnes**
5.	**Mineralised Zones**	
	Number of mineral zones	One
	Trend(Dip and strike)	N25^{o}W-S25^{o}E dipping 48° to 60° north easterly
6.	**Grade**	CaO-46.63%, MgO - 1.44% & Na_2O+K_2O - 0.65% SiO_2 : SiO_2(R) -0.21%, SiO_2(NR) - 8.15%
	Mineral	Limestone
7.	**Accessibility**	
	Nearest Rail head	Kantabanji Railway station on the Raipur - Titlagarh section of East-Coast Railways (E Co. Rly) is the nearest rail head for the area located at a distance of

		about 40 km.
	Road	Garramura is lying at a distance of 3 km west of Khariar and can be negotiated from Khariar by all weather metal road connecting Khariar and Boden.
	Airport	Bhubaneswar
8.	**Hydrography**	
	Local Surface Drainage Pattern(Channels)	Devoid of streams and Nalas.
	River/Streams	Devoid of streams and Nalas.
9.	**Climate**	
	Mean Annual Rainfall	Average annual precipitation is about 1442 mm.
	Temperature(December)	Average - 7^0 C.
	Temperature(June)	maximum temperature is 47^0C during the month of May
10.	**Topography**	
	Toposheet Number	64 L/11 and 64 L/15
	Morphology of the area	Exhibit plain cultivated land

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 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-

PARTC – PARTICULARS OF LAND

	Area	Details
1.	Total Concession Area	30.256 Ha.
2.	Forest land with Status	Nill
3.	Government land with Status	8.580 Ha (Addi -0.118 Ha, Atta-2.795 Ha, Attaunahari- 2.166 Ha, Bahal-0.211 Ha, Berna-1.454 Ha, Chatan-0.967 Ha, Gochar- 0.031 Ha, Mala-0.310 Ha, Sarbasadharan jogya- 0.164 Ha, Unnat Jojana-0.364 Ha
4.	Private land with Status	21.676 Ha
5.	Revenue survey details of the area	Refer: Land Schedule

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