

SUMMARY OF THE MINERAL BLOCKS

PART A - GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS																																	
1.	LOCATION	THE AREA OF EAST BLOCK IS LOCATED ABOUT 30 KM SOUTH OF NAWALGARH TOWN IN THE DISTRICT JHUNJHUNU, RAJASTHAN.																																	
	MINERAL BLOCK	GOTHRA- PARASRAMPURA EAST BLOCK, DISTRICT JHUNJHUNU, RAJASTHAN																																	
	CORNER POINTS (LATITUDE, LONGITUDE)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Pillar</th> <th style="text-align: center;">Latitude</th> <th style="text-align: center;">Longitude</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">C'</td> <td style="text-align: center;">27⁰47'16.0310"</td> <td style="text-align: center;">75⁰20'50.0430"</td> </tr> <tr> <td style="text-align: center;">E1</td> <td style="text-align: center;">27⁰47'58.1600"</td> <td style="text-align: center;">75⁰22'50.9400"</td> </tr> <tr> <td style="text-align: center;">E2</td> <td style="text-align: center;">27⁰47'58.6690"</td> <td style="text-align: center;">75⁰22'50.7230"</td> </tr> <tr> <td style="text-align: center;">E</td> <td style="text-align: center;">27⁰47'59.3189"</td> <td style="text-align: center;">75⁰22'52.6949"</td> </tr> <tr> <td style="text-align: center;">F</td> <td style="text-align: center;">27⁰47'50.6837"</td> <td style="text-align: center;">75⁰22'56.5502"</td> </tr> <tr> <td style="text-align: center;">G</td> <td style="text-align: center;">27⁰47'39.8832"</td> <td style="text-align: center;">75⁰22'28.1493"</td> </tr> <tr> <td style="text-align: center;">H</td> <td style="text-align: center;">27⁰47'28.7044"</td> <td style="text-align: center;">75⁰22'33.0297"</td> </tr> <tr> <td style="text-align: center;">I</td> <td style="text-align: center;">27⁰47'28.0260"</td> <td style="text-align: center;">75⁰22'51.3925"</td> </tr> <tr> <td style="text-align: center;">J</td> <td style="text-align: center;">27⁰47'12.0094"</td> <td style="text-align: center;">75⁰23'05.7004"</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">27⁰46'32.9662"</td> <td style="text-align: center;">75⁰21'10.1965"</td> </tr> </tbody> </table>	Pillar	Latitude	Longitude	C'	27 ⁰ 47'16.0310"	75 ⁰ 20'50.0430"	E1	27 ⁰ 47'58.1600"	75 ⁰ 22'50.9400"	E2	27 ⁰ 47'58.6690"	75 ⁰ 22'50.7230"	E	27 ⁰ 47'59.3189"	75 ⁰ 22'52.6949"	F	27 ⁰ 47'50.6837"	75 ⁰ 22'56.5502"	G	27 ⁰ 47'39.8832"	75 ⁰ 22'28.1493"	H	27 ⁰ 47'28.7044"	75 ⁰ 22'33.0297"	I	27 ⁰ 47'28.0260"	75 ⁰ 22'51.3925"	J	27 ⁰ 47'12.0094"	75 ⁰ 23'05.7004"	D	27 ⁰ 46'32.9662"	75 ⁰ 21'10.1965"
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	VILLAGES	GOTHRA- PARASRAMPURA																																	
	TEHSIL/TALUKA	NAWALGARH																																	
	DISTRICT	JHUNJHUNU																																	
	STATE	RAJASTHAN																																	
2.	AREA(HECTARES)	460.4006Hect. THE MINING LEASE OF GOTHRA-PARASRAMPURA EAST BLOCK WILL BE GRANTED EXCLUDING THE AREA (1.942 HECTARE) HELD UNDER ML NO 82/2000.																																	
	MINERALISED AREA	196.2723Hect.																																	
	NON - MINERALISED AREA	264.1283Hect.																																	
3.	EXPLORATION																																		
	STATUS (G2/G3/G4 ETC.)	G2																																	
	EXPLORATION AGENCY	MINERAL EXPLORATION CORPORATION LIMITED																																	
	TOTAL NUMBER OF BOREHOLES WITH METERAGE	19 NOS. 1229.00 M																																	
	BOREHOLE SPACING (DENSITY)	DRILLED IN 400 X 400 M GRID																																	
4.	QUANTITY OF MINERALS (GRADEWISE)	CEMENT GRADE																																	
	MINERAL	CEMENT GRADE LIMESTONE																																	
	TOTAL GEOLOGICAL RESOURCES	A TOTAL OF 158.379 MILLION TONNES WITH AN AVERAGE GRADE OF CaO 48.369%,MgO 2.063%, SiO2 6.960%(157.809 MT CEMENT GRADE LIMESTONE WITH AN AVERAGE GRADE OF CaO 48.40%,MgO 2.05%, SiO2 6.94% & 0.57 MT UNGRADED LIMESTONE WITH AN																																	

		AVERAGE GRADE OF CaO 39.79%, MgO5.86%, SiO2 12.61% RESOURCES HAVE BEEN REPORTED BY MECL.
5.	MINERALISED ZONES	-----
	NUMBER OF MINERAL ZONES	SINGLE BAND OF LIMESTONE
	TREND (DIP AND STRIKE)	GENERAL TREND OF LIMESTONE OBSERVED IN THE QUARRY IS N50°TO 60°EWITH STEEP DIPS VARYING FROM 60° TO 80°DUE S AND SE.HOWEVER DIPS VARYING FROM 30° TO 40° ARE ALSO OBSERVED IN FEW QUARRIES.
	TOTAL THICKNESS	THICKNESS OF AJABGARH LIMESTONE WITHIN THE BLOCK VARIES BETWEEN 2.00M TO 72.25M.
6.	ACCESSIBILITY	AREA IS WELL CONNECTED BY METALD ROAD AND CAN BE APPROACHED UPTO SIKAR THROUGH NH-11, WHICH IS AROUND 115 KM FROM JAIPUR. THE NAWALGARH TOWN IS ABOUT 35 KMS. FROM SIKAR ON SIKAR-JHUNJHUNU STATE HIGHWAY. THE AREA IS ALSO CONNECTED WITH RAIL ROUTE. IT IS ABOUT 160 KM FROM JAIPUR AND ABOUT 250 KM FROM DELHI.
	NEAREST RAIL HEAD	AREA IS ALSO CONNECTED WITH RAIL ROUTE. IT IS ABOUT 160 KM FROM JAIPUR AND ABOUT 250 KM FROM DELHI.
	ROAD	AREA IS WELL CONNECTED BY METALLIC ROAD AND CAN BE APPROACHED UPTO SIKAR THROUGH NH-11, WHICH IS AROUND 115 KM FROM JAIPUR.
	AIRPORT	JAIPUR AIRPORT 160 KM FROM THE AREA
7.	HYDROGRAPHY	THE WATER TABLE IN WELLS IS MORE THAN 25 MTR DEEP.
	LOCAL SURFACE DRAINAGE PATTERN (CHANNELS)	SEASONAL RIVER UDAIPUR- LOHARGARH KI NADI
	RIVER / STREAMS	THERE IS NO PERENNIAL RIVER IN THE AREA. THE DRAINAGE OF THE AREA IS BY SEASONAL RIVER UDAIPUR-LOHAGARH KI NADI.
8.	CLIMATE	THE AREA EXPERIENCES A HOT AND DRY CLIMATE. IN GENERAL SUMMERS ARE FROM APRIL TO JUNE, WHILE RAINY SEASON FROM JULY TO MID-SEPTEMBER. THE WINTER IS FROM MID-NOVEMBER TO FEBRUARY. DURING SUMMER MONTHS SAND STORM HITS THE AREA AND TEMPERATURE RISES AS HIGH AS 45° C .IN WINTER MINIMUM TEMPERATURE FALLS UP TO 1°C. THE NORMAL ANNUAL RAINFALL IS 450-550 MM. THE MAJORITY OF THE RAINFALL RECEIVED BY THE AREA IS THROUGH SOUTH-WEST MONSOON.
	MEAN ANNUAL RAINFALL	450-550 MM
	TEMPRATURES(DECEMBER)	TEMP. FALL UPTO 1°C
	TEMPRATURES(JUNE)	TEMP. RISES AS HIGH AS 45 DEGREE° C
9.	TOPOGRAPHY	MOST OF THE AREA IS PLAIN WITH LOW LYING MOUNDS OF STABILIZED SAND. THE ONLY ROCK EXPOSURE IN THE AREA ARE IN THE FORM OF TWO

		SMALL LIMESTONE HILLOCKS IN AND AROUND KHIROR VILLAGE. HEIGHT OF THE LARGER LIMESTONE HILLOCK IS 438M ABOVE MSL. GENERAL SLOPE OF THE AREA IS TOWARDS NORTH, AS OBSERVED FROM SURFACE CONTOUR VALUES DECREASING FROM SOUTH TO NORTH.
	TOPOSHEET NUMBER	45M/5
	MORPHOLOGY OF THE AREA	MOST OF THE AREA IS PLAIN WITH LOW LYING MOUNDS OF STABILIZED SAND.

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

	PARTICULARS	DETAILS/STATUS
1.	FOREST CLEARANCE	IF REQUIRED, TO BE OBTAINED BY THE SUCCESSFUL BIDDER
2.	WILD LIFE CLEARANCE (SANCTUARY, RESERVE OR SPECIAL ZONE CLEARANCES)	
3.	ENVIRONMENT CLEARANCE	
4.	MINING PLAN APPROVAL	
5.	CONSENT TO ESTABLISH	
6.	EXPLOSIVE LICENSE	
7.	PERMISSION FOR MINE OPENING	
8.	PERMISSION OF INSTALLATION/TRIAL OPERATION OF EQUIPMENT	
9.	GROUND WATER CLEARANCE (CENTRE/STATE)	
10.	RAILWAY SIDING APPROVAL	
11.	APPROVAL FOR DIESEL STORAGE	
12.	POWER LINE FROM STATE DISCOM	
13.	CLEARANCES RELATING TO WORK UNDER AN EXISTING TRANSMISSION LINE OR SHIFTING OF THE TRANSMISSION LINE	
14.	GRAMA SABHA CONSENT	
15.	ANY OTHER CLEARANCES TO START MINING OPERATION	

PART C – PARTICULARS OF LAND

	LAND TYPE	AREA (In hect.)																																								
1.	TOTAL CONCESSION AREA	<p>460.4006Hect.</p> <p>The Mining Lease of Gothra-Parasrampura East block will be granted excluding the area (1.942 Hectare) held under ML No 82/2000.</p> <p>Coordinates of pillars (ML no. 82/2000) :-</p> <table border="1"> <thead> <tr> <th>S.N.</th> <th>Pillar</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>C1</td> <td>75⁰-21'-04.98"</td> <td>27⁰-46'-42.85"</td> </tr> <tr> <td>2</td> <td>C</td> <td>75⁰-21'-04.62"</td> <td>27⁰-46'-46.08"</td> </tr> <tr> <td>3</td> <td>E</td> <td>75⁰-21'-09.22"</td> <td>27⁰-46'-46.83"</td> </tr> <tr> <td>4</td> <td>F</td> <td>75⁰-21'-11.89"</td> <td>27⁰-46'-48.54"</td> </tr> <tr> <td>5</td> <td>G</td> <td>75⁰-21'-14.07"</td> <td>27⁰-46'-49.28"</td> </tr> <tr> <td>6</td> <td>H</td> <td>75⁰-21'-14.55"</td> <td>27⁰-46'-47.78"</td> </tr> <tr> <td>7</td> <td>I</td> <td>75⁰-21'-12.99"</td> <td>27⁰-46'-46.60"</td> </tr> <tr> <td>8</td> <td>J</td> <td>75⁰-21'-10.09"</td> <td>27⁰-46'-45.54"</td> </tr> <tr> <td>9</td> <td>K</td> <td>75⁰-21'-08.64"</td> <td>27⁰-46'-44.08"</td> </tr> </tbody> </table>	S.N.	Pillar	Longitude	Latitude	1	C1	75 ⁰ -21'-04.98"	27 ⁰ -46'-42.85"	2	C	75 ⁰ -21'-04.62"	27 ⁰ -46'-46.08"	3	E	75 ⁰ -21'-09.22"	27 ⁰ -46'-46.83"	4	F	75 ⁰ -21'-11.89"	27 ⁰ -46'-48.54"	5	G	75 ⁰ -21'-14.07"	27 ⁰ -46'-49.28"	6	H	75 ⁰ -21'-14.55"	27 ⁰ -46'-47.78"	7	I	75 ⁰ -21'-12.99"	27 ⁰ -46'-46.60"	8	J	75 ⁰ -21'-10.09"	27 ⁰ -46'-45.54"	9	K	75 ⁰ -21'-08.64"	27 ⁰ -46'-44.08"
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2.	FOREST LAND WITH STATUS	NIL																																								

3.	GOVERNMENT LAND WITH STATUS	13.0505 Hectare
4.	PRIVATE LAND WITH STATUS	438.9386 Hectare
5.	CHARAGAH/PASTURE LAND (*)	8.4115 Hectare
6	ANGORE LAND	NIL
7	ORAN LAND	NIL
8	TALAB	NIL
9.	REVENUE SURVEY DETAILS OF THE AREA	AVAILABLE

NOTE:(*)_REFER CLAUSE NO. 17.7.

NOTE-TOTAL AREA HAS BEEN CALCULATED BASED ON AREA FALLING WITHIN THE COORDINATES BUT WHEN SUPERIMPOSED ON REVENUE MAP, SLIGHTLY IT MAY DIFFER BEING BOTH ON DIFFERENT PROJECTIONS, ONE IS SPHERICAL AND OTHER IS LINEAR.

The Geological Report attached with the tender document is of **explored block** whose coordinates are detailed below:

Pillar	DGPS Coordinates	
	Latitude	Longitude
BP-C	534175.620	3073819.568
BP-D	534763.021	3072419.527
BP-E	537560.000	3071383.179
BP-F	537666.317	3074819.621
BP-G	536890.195	3074484.890
BP-H	537024.794	3074141.325
BP-I	537527.348	3074121.995
BP-J	537920.423	3073630.381

The area of **explored block is 478.00 Hectare**. During scrutiny, it was found out that some area of the **explored block** is conflicting with an existing lease (ML No. 42/2007). Therefore, the block was demarcated again excluding the area held under existing lease (ML No 42/2007). This demarcated block may be referred as **Auctionable block**.

The coordinate of the **auctionable block** are mentioned in point 1 of part A. The area of **auctionable block** is 460.4006 hectare. It is also pertinent to note here that some area (1.942 Hectare) of **auctionable block** is conflicting with another mining lease (ML no. 82/2000). Therefore, the mining lease of Gothra-Parasrampura East block will be granted excluding the area (1.942 Hectare) held under ML 82/2000.

It is again important to note here that the Geological Report attached with the tender document of Gothra-Parasrampura East block is of the **explored block (478.00 Hectare)** but resources in the report have been calculated again excluding the resources falling in the existing mining leases.