

## SUMMARY OF THE MINERAL BLOCKS

### PART A - GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS																							
1.	Location	THE AREA OF WEST BLOCK IS LOCATED ABOUT 30 KM SOUTH OF NAWALGARH TOWN IN THE DISTRICT JHUNJHUNU, RAJASTHAN.																							
	Mineral Block	GOTHRA- PARASRAMPURA WEST BLOCK, DISTRICT JHUNJHUNU, RAJASTHAN																							
	CORNER POINTS ( LATITUDE, LONGITUDE)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Pillar</th> <th colspan="2" style="text-align: center;">DGPS Coordinate</th> </tr> <tr> <th style="text-align: center;">Latitude</th> <th style="text-align: center;">Longitude</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">27<sup>0</sup>46'57.4039"</td> <td style="text-align: center;">75<sup>0</sup>19'44.8420"</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">27<sup>0</sup>46'10.8821"</td> <td style="text-align: center;">75<sup>0</sup>20'04.9069"</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">27<sup>0</sup>46'32.9662"</td> <td style="text-align: center;">75<sup>0</sup>21'10.1965"</td> </tr> <tr> <td style="text-align: center;">C'</td> <td style="text-align: center;">27<sup>0</sup>47'16.0310"</td> <td style="text-align: center;">75<sup>0</sup>20'50.0430"</td> </tr> <tr> <td style="text-align: center;">J</td> <td style="text-align: center;">27<sup>0</sup>47'15.0100"</td> <td style="text-align: center;">75<sup>0</sup>20'47.1100"</td> </tr> <tr> <td style="text-align: center;">J'</td> <td style="text-align: center;">27<sup>0</sup>47'17.9410"</td> <td style="text-align: center;">75<sup>0</sup>20'47.1220"</td> </tr> </tbody> </table>	Pillar	DGPS Coordinate		Latitude	Longitude	A	27 <sup>0</sup> 46'57.4039"	75 <sup>0</sup> 19'44.8420"	B	27 <sup>0</sup> 46'10.8821"	75 <sup>0</sup> 20'04.9069"	D	27 <sup>0</sup> 46'32.9662"	75 <sup>0</sup> 21'10.1965"	C'	27 <sup>0</sup> 47'16.0310"	75 <sup>0</sup> 20'50.0430"	J	27 <sup>0</sup> 47'15.0100"	75 <sup>0</sup> 20'47.1100"	J'	27 <sup>0</sup> 47'17.9410"	75 <sup>0</sup> 20'47.1220"
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	VILLAGES	GOTHRA- PARASRAMPURA																							
	TEHSIL/TALUKA	NAWALGARH																							
	DISTRICT	JHUNJHUNU																							
	STATE	RAJASTHAN																							
2.	AREA(HECTARES)	287.7539 Hect. The Mining Lease of Gothra-Parasrampura West block will be granted excluding the area (0.04 Hectare) held under ML No 82/2000.																							
	MINERALISED AREA	152.4500 Hect.																							
	NON - MINERALISED AREA	135.3039 Hect.																							
3.	EXPLORATION																								
	STATUS (G2/G3/G4 ETC.)	G2																							
	EXPLORATION AGENCY	MINERAL EXPLORATION CORPORATION LIMITED																							
	TOTAL NUMBER OF BOREHOLES WITH METERAGE	14 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 163.165 MILLION TONNES WITH AN AVERAGE GRADE OF CaO 49.275%,MgO 1.396%, SiO <sub>2</sub> 6.380% (158.715 MT CEMENT GRADE LIMESTONE WITH AN AVERAGE GRADE OF CaO 49.54%,MgO 1.38%, SiO <sub>2</sub> 6.08% & 4.45 MT UNGRADED LIMESTONE WITH AN AVERAGE GRADE OF CaO 39.85%, MgO 1.97%, SiO <sub>2</sub> 17.11% 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°E WITH 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 43.20M TO 79.44M.
6.	ACCESSIBILITY	AREA IS WELL CONNECTED BY METAL 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>287.7539 Hect.</p> <p>The Mining Lease of Gothra-Parasrampura West block will be granted excluding the area (0.04 Hectare) held under ML No 82/2000.</p> <p><b>Coordinates of pillars (ML no. 82/2000) :-</b></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>75°-21'-04.98"</td> <td>27°-46'-42.85"</td> </tr> <tr> <td>2</td> <td>C</td> <td>75°-21'-04.62"</td> <td>27°-46'-46.08"</td> </tr> <tr> <td>3</td> <td>E</td> <td>75°-21'-09.22"</td> <td>27°-46'-46.83"</td> </tr> <tr> <td>4</td> <td>F</td> <td>75°-21'-11.89"</td> <td>27°-46'-48.54"</td> </tr> <tr> <td>5</td> <td>G</td> <td>75°-21'-14.07"</td> <td>27°-46'-49.28"</td> </tr> <tr> <td>6</td> <td>H</td> <td>75°-21'-14.55"</td> <td>27°-46'-47.78"</td> </tr> <tr> <td>7</td> <td>I</td> <td>75°-21'-12.99"</td> <td>27°-46'-46.60"</td> </tr> <tr> <td>8</td> <td>J</td> <td>75°-21'-10.09"</td> <td>27°-46'-45.54"</td> </tr> <tr> <td>9</td> <td>K</td> <td>75°-21'-08.64"</td> <td>27°-46'-44.08"</td> </tr> </tbody> </table>	S.N.	Pillar	Longitude	Latitude	1	C1	75°-21'-04.98"	27°-46'-42.85"	2	C	75°-21'-04.62"	27°-46'-46.08"	3	E	75°-21'-09.22"	27°-46'-46.83"	4	F	75°-21'-11.89"	27°-46'-48.54"	5	G	75°-21'-14.07"	27°-46'-49.28"	6	H	75°-21'-14.55"	27°-46'-47.78"	7	I	75°-21'-12.99"	27°-46'-46.60"	8	J	75°-21'-10.09"	27°-46'-45.54"	9	K	75°-21'-08.64"	27°-46'-44.08"
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2.	FOREST LAND WITH STATUS	NIL
3.	GOVERNMENT LAND WITH STATUS	20.7179 Hect.
4.	PRIVATE LAND WITH STATUS	267.0360 Hect.
5.	CHARAGAH/PASTURE LAND (*)	NIL
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
A	27°46'57.4039"	75°19'44.8420"
B	27°46'10.8821"	75°20'04.9069"
C	27°47'18.5201"	75°20'48.8786"
D	27°46'32.9662"	75°21'10.1965"

The area of **explored block** is **288.00 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 coordinates of **auctionable block** are mentioned in point 1 of Part A. The area of **auctionable block** 287.7539 hectare. It is also pertinent to note here that some area (0.04 Hectare) of the **auctionable block** is conflicting with another existing mining lease (ML no. 82/2000). Therefore, the mining lease of Gothra-Parasrampura West block will be granted excluding the area (0.04 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 West block is of the explored block (288.00 Hectare).**