

SUMMARY OF MINERAL IRON ORE BLOCK

PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS																		
1.	LOCATION	THE AREA IS LOCATED ABOUT 20 KM NORTH OF SAHAPURA TOWIN THE DISTRICT JAIPUR, RAJASTHAN																		
	MINERAL BLOCK	BASRI GANESHPURA GANESHPURA BLOCK, DISRICT JAIPUR, RAJASTHAN																		
	CORNER POINTS (LATITUDE, LOGITUDE)	<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;">T I 630</td> <td style="text-align: center;">27°29'57.16852"</td> <td style="text-align: center;">75°58'35.98632"</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">27°29'38.100"</td> <td style="text-align: center;">75°59'5.400"</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">27°29'21.300"</td> <td style="text-align: center;">75°59'07.400"</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">27°29'19.600"</td> <td style="text-align: center;">75°59'32.700"</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">27°29'41.900"</td> <td style="text-align: center;">75°59'25.600"</td> </tr> </tbody> </table>	Pillar	Latitude	Longitude	T I 630	27°29'57.16852"	75°58'35.98632"	A	27°29'38.100"	75°59'5.400"	B	27°29'21.300"	75°59'07.400"	C	27°29'19.600"	75°59'32.700"	D	27°29'41.900"	75°59'25.600"
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VILLAGE	BASRI GANESHPURA																			
TEHSIL/TALUKA	SAHAPURA																			
DISTRICT	JAIPUR																			
STATE	RAJASTHAN																			
2.	AREA (HECTARES)	38.19 HECT.																		
	MINERALIZED AREA	MINERALISED AREA IS ASSUMED 11 HECT.																		
	NON-MINERALIZED AREA	-																		
3.	EXPLORATION																			
	STATUS (G2/G3/G4 ETC.)	G 4																		
	EXPLORTION AGENCY	NOT AVAILABLE																		
4.	MINERALS	IRON ORE																		

	TOTAL GEOLOGICAL RESOURCES	TENTATIVE MINERAL RESOURCE OF THE BASRI-GANESHPURA CL BLOCK IS 6.5 MILLION TONNES.
5.	MINERALISED ZONES	
	NUMBER OF MINERAL ZONES	3 BAND OF IRON ORE
	TREND (DIP AND STRIKE)	STRIKE TREND OF IRON ORE BAND OBSERVED EAST – WEST TO SE - NW AND DIPPING 62° TO 81° TOWARDS SOUTH
	TOTAL THICKNESS	THICKNESS OF IRON ORE BAND VARIES FROM 6 METER TO 25 METER
6.	ACCESSIBILITY	THE AREA IS WELL CONNECTED BY TAR ROAD UPTO FOREST BOUNDARY AND CAN BE APPROACHED UP TO SAHAPURA WHICH IS AROUND 20 KM. THE SAHAPURA TOWN IS ABOUT 65 KM FROM JAIPUR DISTRICT. THE AREA IS ALSO CONNECTED WITH SAHAPURA – KOTHPUTLI- DELHI ROAD.
	NEAREST RAIL HEAD	THE AREA IS ABOUT 65 KM FROM JAIPUR RAILWAY STATION.
	ROAD	AREA IS WELL CONNECTED WITH TAR ROAD UPTO FOREST BOUNDARY AND CAN BE APPROACHED SAHAPURA – KOTHPUTLI-DELHI NH 48. WHICH IS AROUND 20 KM FROM AREA
	AIRPOT	NEAREST AIRPOT IS JAIPUR WHICH IS 68 KM FROM THE AREA
7.	HYDROGRAPHY	THE WATER TABLE IN WELLS IS MORE THAN 35 METER DEEP.
	LOCAL SURFACE DRAINAGE PATTERN	SEASONAL NALLA IS SOUTH WEST SIDE OF AREA.
	RIVER/STREAMS	THERE IS NO PERENNIAL RIVER IN THE AREA. THE DRAINAGE OF THE AREA IS BY SEASONAL NALA.

8.	CLIMATE	THE AREA EXPERIENCES A HOT AND DRY CLIMATE IN SUMMERS FROM APRIL TO JUNE, WHILE RAINY SEASON
		FROM JULY TO MID-SEPTEMBER. THE WINTER IS FROM MID-NOVEMBER TO FEBRUARY. DURING SUMMER MONTHS SAND STORMS HIT, THE AREA AND TEMPERATURES RISE AS HIGH AS 48°C, IN WINTER MINIMUM TEMPERATURE FALLS UP TO 1°C. THE NORMAL ANNUAL RAINFALL IS 400-500 MM. THE MAJORITY OF THE RAINFALL RECEIVED BY THE AREA IS THROUGH SOUTH-WEST MONSOON.
	MEAN ANNUAL RAINFALL	400-500 MM
	TEMPERATURE (DECEMBER)	TEMP. FALLS UP TO 1°C
	TEMPERATURE (JUNE)	TEMP. RISES AS HIGH AS 48°C
9.	TOPOGRAPHY	THE AREA IS SMALL HILLOCK OF AJABGARGH QUARTZITE AND CELLULOSIC SILICATE ROCK WITH MICA SCHIST AND PEGMATITE ROCK AND SOUTHERN PART LOW LYING MOUNTAIN OF GINEASS WHICH ARE WIDELY SPREADING IN THE PLAINES.
	TOPOGRAPHIC SHEET NUMBER	45M/15
	MORPHOLOGY OF THE AREA	MOST OF AREA IS SMALL HILLOCKS WITH LOW LYING MOUNTAIN.
	LOCAL GEOLOGY	<p>AREA COVERED IS REPRESENTED BY QUARTZITE & MICA- SCHIST OF AJABGARGH GROUP OF DELHI SUPER GROUP. PEGMATITE WITH QUARTZ VEINS INTRUDE THESE</p> <p>AJABGARGH GROUP OF ROCK. THOUGH AREA IS HILLY TOWARDS WESTERN PART AND LOW LYING AREA TOWARDS EASTERN PART IS COVERED BY SAND. THE LOCAL STRATIGRAPHIC SEQUENCE WAS MIDDLE PROTEROZOIC – DELHI SUPER GROUP – AJABGARGH GROUP ROCK QUARTZITE AND MICA_SCHIST WITH PEGMATITE.</p> <p>IRON ORE DEPOSITS WITHIN AREA IS ASSOCIATED WITH AJABGARGH SERIES OF DELHI SYSTEM. MINERALIZATION OF IRON OCCURRED WITH AJABGARGH QUARTZITE. THE FE(IRON) HAS BEEN CONCENTRATED AT PLACE AS BANDS WITH VARIABLE THICKNES. THE THREE BANDS OF IRON ORE ARE EXISTES WITHIN THE AREA.</p>

	PREVIOUS EXPLORATION AND MINERAL EVIDENCE REPORT	NOT AVAILABLE
	CONCLUSION	IRON ORE BAND OBSERVED IN BASRI GANESHPURA IS HAMETITE IN NATURE. 3 IRON ORE BAND WERE FALLING IN FOREST AREA. FE PERCENTAGE VARIES FROM 38% TO 52%. AFTER SUCCESSFUL EXPLORATION IN TERMS OF GOOD RESOURCES, THE REVENUE MAY BE GENERATED TO THE STATE GOVT. AFTER GRANTING THIS BLOCK UNDER ML.

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

	PARTICULAR	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 OF MINE OPENING	
8.	PERMISSION OF INSTALLATION/TRIAL OPERATION OF EQUIPMENT	
9.	GROUND WATER CLEARANCE (CENTER/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.	GRAM SABHA CONSENT	
15.	ANY OTHER CLEARANCES TO START MINING OPERATION	

PART C – PARTICULARS OF LAND

	LAND TYPE	AREA (IN HECT.)
1.	TOTAL CONCESSION AREA	38.19 HECT.
2.	FOREST LAND WITH STATUS	TO BE OBTAINED BY THE SUCCESSFUL BIDDER.
3.	GOVERNMENT LAND WITH STATUS	
4.	PRIVATE LAND WITH STATUS	
5.	CHARAGAH/PASTURE LAND (*)	
6.	ANGORE LAND	
7.	ORAN LAND	
8.	TALAB	
9.	REVENUE SURVEY DETAILS OF THE AREA	