

**SUMMARY OF THE MINERAL MANGANESE BLOCK FOR CL  
PART-A – GENERAL INFORMATION ABOUT MINERAL BLOCK**

	<b>Features</b>	<b>Block Details</b>																					
<b>1.</b>	<b>Location</b>	Rupakhera, Tehsil Kushalgarh & Sajjangarh, District Banswara.																					
	Mineral Block	Manganese Block:- Rupakhera, Tehsil Kushalgarh & Sajjangarh, District Banswara. (Rajasthan).																					
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	Villages	Rupakhera, Nawagaon, Wagicha etc.																					
	Tehsil / Taluka	Kushalgarh & Sajjangarh.																					
	District	Banswara																					
	State	Rajasthan																					
<b>2.</b>	<b>Area (hectares/square kilometres)</b>	4.735 Sq.km.																					
	Mineralised Area	-																					
	Non-mineralised Area	-																					
<b>3.</b>	<b>Exploration</b>																						
	Status (G2/G3/G4 etc.)	G-4																					
	Exploration Agency	Department of Mines & Geology, Rajasthan (Govt. of Rajasthan) Geological Survey of India, Govt. of India																					
	Total Number of Boreholes with meterage	Total 297 meter drilling over 5 scout boreholes were carried out in Tamesra, Tima-Mahuri & Rupakhera area.																					
	Borehole Spacing (Density)	-																					

<b>4.</b>	<b>Quantity of Minerals (Grade-wise)</b>	
	Mineral	Average grade of Mn- 20.36 %, Fe- 4.58 %, SiO <sub>2</sub> - 32.11% as mentioned in the approved mine plan by IBM in favour of Asian mining associates (ML 04/2004).
	Total Geological Resources	6.93 Million Tonnes.
<b>5.</b>	<b>Mineralised Zones</b>	
	Number of Mineral Zones	-
	Trend (Dip and Strike)	NW-SE and bears South-Westerly steep dip.
	Total Thickness	Average depth 25 m (determined from Mn mineralisation was intermittently encountered in the bore holes from drilled depth 2.5 to 42.5 mt. (2.50 to 42.50 m around Tima-Mahuri, Tambesra area & from 3.05 to 38.25 m around Rupakhera at inclined depth).
<b>6.</b>	<b>Accessibility</b>	
	Nearest Rail Head	Nearest Railway Station from block area is Ratlam Junction at about 105 Km..
	Road	Block area is located about 50 K.M towards South from District head-quarter Banswara National highway NH-113 (Banswara-Dahod Road).
	Airport	Maharana-Pratap Airport Udaipur is Dabok which is at about 215 km from the area.
<b>7.</b>	<b>Hydrography</b>	
	Local Surface Drainage Pattern (Channels)	In general drainage pattern is buffer area (low undulating terrain with rugged ridges).
	Rivers/Streams	Some seasonal nallas are also flowing through the area which ultimately Confluences into the Haran river flow in Northern direction and joins finally Mahi river.
<b>8.</b>	<b>Climate</b>	
	Mean Annual Rainfall	The average annual rainfall is 92 cms/annual.
	Temperatures (December)	10 <sup>0</sup> C
	Temperatures (June)	45 <sup>0</sup> C
<b>9.</b>	<b>Topography</b>	
	Toposheet Number	46 I/08

	Morphology of the Area	The Area is undulating gently sloping towards north, basaltic area forming plateau in south, average elevation of 245m above MSL.
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**PART B – PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS**

	<b>Particulars</b>	<b>Details/Status</b>
1.	Forest Clearance	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

	<b>Land Type</b>	<b>Area (in Hectares)</b>
1.	Total Concession Area	4.735 Sq.km. (473.5 Hect.)
2.	Forest Land with Status	As per amendment in mineral auction rule, Cadastral plan is not required.
3.	Government Land with Status	
4.	Private Land with Status	
5.	Charagah/Pasture Land (*)	
6	Angore land	
7	DPAP Bhedvikas	
8	Nadi(Talab)	
9	Paal/ bala	
10.	Revenue survey details of the area	