

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

	Features	Block Details															
1.	Location	Kalakhunta, Tehsil Sajjangarh, District Banswara.															
	MineralBlock	Manganese Block:-Kalakhunta, Tehsil Sajjangarh, District Banswara. (Rajasthan). <table border="1"> <thead> <tr> <th>POINT</th> <th>LATTITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N23⁰18'48.0002"</td> <td>E74⁰16'57.2042"</td> </tr> <tr> <td>B</td> <td>N23⁰19'16.6550"</td> <td>E74⁰17'25.7480"</td> </tr> <tr> <td>C</td> <td>N23⁰17'21.7085"</td> <td>E74⁰19'42.4519"</td> </tr> <tr> <td>D</td> <td>N23⁰16'52.9428"</td> <td>E74⁰19'13.6862"</td> </tr> </tbody> </table>	POINT	LATTITUDE	LONGITUDE	A	N23 ⁰ 18'48.0002"	E74 ⁰ 16'57.2042"	B	N23 ⁰ 19'16.6550"	E74 ⁰ 17'25.7480"	C	N23 ⁰ 17'21.7085"	E74 ⁰ 19'42.4519"	D	N23 ⁰ 16'52.9428"	E74 ⁰ 19'13.6862"
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	Villages	Kalakhunta, Sagwa, Itala etc.															
	Tehsil/Taluka	Sajjangarh.															
	District	Banswara															
	State	Rajasthan															
2.	Area(hectares/squarekilometres)	6.30 Sq.km.															
	MineralisedArea	-															
	Non-mineralisedArea	-															
3.	Exploration																
	Status(G2/G3/G4etc.)	G-4															
	ExplorationAgency	Department of Mines & Geology, Rajasthan (Govt. of Rajasthan) Geological Survey of India, Govt. of India															
	TotalNumberofBoreholeswith meterage	Total 297 meter drilling over 5 scout boreholes were carried out in Tamesra, Tima-Mahuri & Rupakhera area.															
	BoreholeSpacing(Density)	-															

4.	Quantity of Minerals (Grade-wise)	
	Mineral	Average grade of Mn- 20.36 %, Fe- 4.58 %, SiO ₂ - 32.11% as mentioned in the approved mine plan by IBM in favour of Asian mining associates (ML 04/2004). (Annexure-2).
	Total Geological Resources	6.552 Million Tonnes.
5.	Mineralised Zones	
	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).
6.	Accessibility	
	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.
7.	Hydrography	
	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 flows in Northern direction and joins finally Mahi river.
8.	Climate	
	Mean Annual Rainfall	The average annual rainfall is 92 cms/annual.
	Temperatures (December)	10 ⁰ C
	Temperatures (June)	45 ⁰ C
9.	Topography	
	Toposheet Number	46 I/07

	Morphologyofthe 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,APPROVALSANDCONSENTSR
ELATEDTOMININGOPERATIONS**

	Particulars	Details/Status
1.	ForestClearance	To be obtained by the successful Bidder
2.	wildlifeclearance(sanctuary,reserveorspecialzoneclearances)	
3.	EnvironmentClearance	
4.	MiningPlanApproval	
5.	Consenttoestablish	
6.	Explosivelicense	
7.	Permissionformineopening	
8.	Permissionofinstallation/trialoperationofequipment	
9.	Groundwaterclearance(Centre/State)	
10.	Railwaysidingapproval	
11.	Approvalfordieselstorage	
12.	PowerlinefromStateDiscom	
13.	Clearances relating to work under an existingtransmissionlineorshiftingofthetransmission line	
14.	GramaSabhaconsent	
15.	Anyotherclearancesto startminingoperation	

PART C – PARTICULARS OF LAND

	Land Type	Area (in Hectares)
1.	Total Concession Area	6.30 Sq.km. (630 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.	Angoreland	
7.	DPAP Bhedvikas	
8.	Nadi (Talab)	
9.	Paal/ bala	
10.	Revenue survey details of the area	