

**SUMMARY OF THE MINERAL IRON BLOCK- LILOTI
PART A- GENERAL INFORMATION ABOUT MINERAL BLOCK**

Features	Details		
1. Location	N/v Liloti, Tehsil- Hindaun & District- Karauli		
Mineral Block	Liloti Iron Ore Block N/v Liloti, Tehsil- Hindaun & District- Karauli, Rajasthan		
Corners point (Latitude & Longitude)	POINT	Longitude	Latitude
	A	77°03'27.20068"	26°38'22.03056"
	B	77°03'37.80689"	26°38'24.06980"
	C	77°03'52.68497"	26°37'52.68454"
	D	77°02'15.15141"	26°36'16.74287"
	E	77°01'52.83350"	26°36'35.72207"
	F	77°02'07.13103"	26°37'19.35527"
	FRP	77°02'34.63797"	26°37'06.19263"
Village	Liloti		
Tehsil/ Taluka	Hindaun		
District	Karauli		
State	Rajasthan		
2. Area (Hectare/square kilometers)	410.94 Hectare		
Mineralised Area			
Non-mineralised Area			
3. Exploration			
Status (G2/G3/G4 etc.)	G-4		
Exploration Agency	Department of mines & Geology, Rajasthan		
Total Number of Boreholes with meterage	A total of 09 drillhole influence was considered while estimating the resources based on polygon method which fall in the study area. The depth of minimum and maximum borehole drilled was 36m and 127m respectively.		
Borehole Spacing (Density)	The G4 level exploration has been carried out in Liloti Block.		
4. Quantity of Minerals (Grade-wise)			
Mineral	Iron		
	Ore	Resources (MT)	Avg. Grade Fe %
	Hematite (>35%)	3.65	37.14
	Magnetite (>15%)	00	00
	Total Resource	3.65	37.17
Total Geological Resources	Total Geological resources of 3.65 MT with an average grade of 37.17% Fe of which Hematite (>35% Fe) is 3.65 with an average grade of 37.17% Fe. There is no Magnetite encountered in the block.		
5. Mineralised Zones			

	Number of Mineral Zones	The thickness of each zone of Iron ore in all boreholes was calculated as per the average cut-off grade of Fe > 35% in Hematite and Fe > 15% in Magnetite based on weighted average using excel software. Hence Mineral resources presented in the current estimate have been assigned G4 level.
	Trend (Dip and Strike)	The Banded Hematite Chert (BHC) and Banded Hematite Jasper (BHJ) are mostly bedded to laminated in nature striking NNE-SSW to NE-SW and dipping towards NW or SE and occurs as discontinuous hillocks trending mostly in NE-SW direction and shows foliation at places.
	Total Thickness	Thickness of orebody intersected varies from 9.00m to 120.0m.
6.	Accessibility	
	Nearest Rail Head	Hindaun City, 15 km
	Road	Liloti is located 2.5 KM west of Gujar gawada village. A network of all-weather motorable roads connect Liloti village to nearby villages and townships. There are buildings & structures within the lease area. The block is located 500 m South of Liloti village. The area lies at around 25 kms SE of Hindaun town on S.H 22. The investigated area is well connected by tar road.
	Airport	Jaipur International Airport -160 km (W)
7.	Hydrography	
	Local Surface Drainage Pattern (Channels)	No perennial river originates or flows from this part of investigated area.
	Rivers/Streams	Seasonal nallas, ponds etc. are available in the area, which fulfils the water requirement along with recent developed tube wells and dug wells.
8.	Climate	
	Mean Annual Rainfall	Avg. 70.5 cm
	Temperatures (December)	2 ^o C min.
	Temperatures (June)	46 ^o C max. recorded
9.	Topography	
	Toposheet No.	54F/2
	Morphology of the area	

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

S.N.	Particulars	Details/Status
1	Forest Clearance	To be obtained by the successful Bidder
2	Wildlife clearance (sanctuary, reserve or special zone clearances)	
3	Environment clearance	
4	Mining Plan Approval	
5	Consent to establish	
6	Explosive license	
7	Permission for mining 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 Hectare)
1.	Total Concession Area	410.94
2.	Forest Land with status	-
3.	Government Land with status	-
4.	Charagah Land with status	-
5.	Private Land with status	-
6.	Revenue survey details of the Area	-