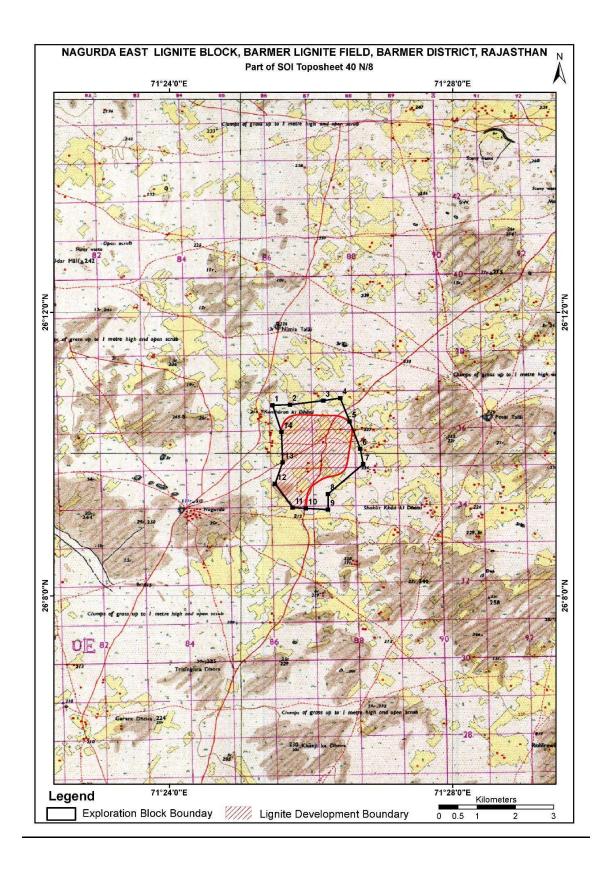
Nagurda East Lignite Block Summary

Barmer Town. The block is approachable f Barmer, via Barmer-Jaisalmer Highway No upto Bharka village (30 kms, approx.). F Bharka the block can be approached Bharka-Nagurda-Mokhab unmetalled r passing through the centre of the block. F Nagurda the block is 2 Km. towards Mok village. Airport Jaisalmer 3 Area Geological Block Area (After re- blocking) Forest Area Non-Forest Area Non-Forest Area Non-Forest Area A Climate and Topography Average Annual Rainfall Temperature (MinMax. in°C) Local Surface Drainage Channels The area is devoid of any drainage patt Local nalas fed by rain water die out at short distance due to sandy nature of the a Few rain fed ponds/talai in the block are u for drinking/ irrigation purpose. Th ponds/talai get dried up during summer. Rivers Nil Status Regional Exploration completed on 800m of Exploration Agency Mineral Exploration Corporation Ltd., (MEC Total Number of Boreholes with metreage	Sr.No.	Features	Details		
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Lignite Field Villages Kurrharon ki dhani Tehsil/Taluka Barmer State State Rajasthan Connectivity with Block Nearest Rail Head Road Roa		Longitude	` '		
Villages		Topo Sheet No.			
Villages		Lignite Field	Barmer Lignite Field		
District State Rajasthan		Villages			
State Rajasthan Connectivity with Block Nearest Rail Head Road		Tehsil/Taluka	Barmer		
Road		District	Barmer		
Nearest Rail Head Barmer		State	Rajasthan		
Road	2	Connectivity with Block	1 - 2		
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Total Number of Boreholes with metreage 10 boreholes & 1998m					
metreage		Explored Area (as per GR)	7 Sq. Km (Appx.) as per GR.		
10.70			10 boreholes & 1998m		
Borenole Density 0.70		Borehole Density	0.70		

	General Dip of Seams		The general dip of the beds are in the southeast & it vary from 2° to 2.6°.			
	General Strike D	NE-SW with local undulations and warping				
	Faults		One normal gravity fault			
	Depth range of Lignite seam		86.60 to 123.40 m			
6	Liç	ndicated categ	ndicated category			
	Grade-wise	Grade as per National Lignite Index	GCV Range (K.Cal/Kg.)	Area (Sq km)	Gross Reserves (MT)	Reserves %
		G15,G16,G17	2001-3000	2.892	21.693	100
	Ratio-wise		Lignite to OB+IB	Area (Sq	Gross Reserves	Reserves %
			Ratio	km)	(m.t.)	
			<1:15	0.857	9.623	44.36
			> 1 : 15	2.035	12.070	55.64
			Total	2.892	21.693	100.00
7	Surface Constraints		-			
8	Grade of Lignite		G15, G16, G17 (Provisional). Based on			
	Grade wise data available		able in GR.			
9	Decision Support System		The polygon touches wildlife habitat(s)-Great			
	(DSS) Analysis					
10	Eco Sensitive Z	one (ESZ)	Desert National Park is at about 68Km in the West direction from the block.			
11	Remarks		Regional Exploration completed on 800m grid. Geological Report available.			

Note:

- 1. The summary has been compiled from "Geological Report on Exploration for Lignite, Nagurda East Block, Barmer District, Rajasthan-April 2005, prepared by Mineral Exploration Corporation Ltd., Nagpur.
- 2. The Exploration block area mentioned above is as given in the Geological report, which may vary after DGPS survey.



Provisional cardinal Points for Nagurda East Lignite Block, Barmer District, Rajasthan.

Boundary Points	Latitude (DMS)	Longitude (DMS)		
1	26° 10' 41.467" N	71° 25' 27.361" E		
2	26° 10' 41.956" N	71° 25' 42.268" E		
3	26° 10' 45.442" N	71° 26' 10.498" E		
4	26° 10' 47.542" N	71° 26' 24.884" E		
5	26° 10' 27.828" N	71° 26' 32.740" E		
6	26° 10' 4.523" N	71° 26' 41.787" E		
7	26° 9' 51.524" N	71° 26' 44.227" E		
8	26° 9' 26.232" N	71° 26' 14.467" E		
9	26° 9' 13.085" N	71° 26' 14.527" E		
10	26° 9' 14.130" N	71° 25' 55.781" E		
11	26° 9' 14.753" N	71° 25' 44.603" E		
12	26° 9' 34.838" N	71° 25' 29.626" E		
13	26° 9' 53.067" N	71° 25' 35.906" E		
14	26° 10' 18.906" N	71° 25' 35.000" E		