

**SUMMARY OF THE MINERAL LIMESTONE BLOCK FOR ML
PART-A – GENERAL INFORMATION ABOUT MINERAL BLOCK**

	Features	Block Details																																							
1.	Location																																								
	Mineral Block	<p>Hariyav Limestone Block Block area falls on part of toposheet no.- 45 H/14. Coordinates of all pillars of the area are from DGPS survey</p> <table border="1"> <thead> <tr> <th>POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>24°33'38.39004"</td> <td>73°55'21.62784"</td> </tr> <tr> <td>B</td> <td>24°33'38.39004"</td> <td>73°55'26.17896"</td> </tr> <tr> <td>C</td> <td>24°33'40.39524"</td> <td>73°55'26.17896"</td> </tr> <tr> <td>D</td> <td>24°33'40.39488"</td> <td>73°55'44.84604"</td> </tr> <tr> <td>E</td> <td>24°33'32.14826"</td> <td>73°55'44.84604"</td> </tr> <tr> <td>F</td> <td>24°33'32.14826"</td> <td>73°55'55.26408"</td> </tr> <tr> <td>G</td> <td>24°33'06.82632"</td> <td>73°55'55.26408"</td> </tr> <tr> <td>H</td> <td>24°33'06.82632"</td> <td>73°55'44.84676"</td> </tr> <tr> <td>I</td> <td>24°32'58.64460"</td> <td>73°55'44.84676"</td> </tr> <tr> <td>J</td> <td>24°32'58.64424"</td> <td>73°55'38.62488"</td> </tr> <tr> <td>K</td> <td>24°33'14.65164"</td> <td>73°55'21.63000"</td> </tr> <tr> <td>A</td> <td>24°33'38.39004"</td> <td>73°55'21.62784"</td> </tr> </tbody> </table> <p align="center">Area - 94.62 Hectares</p>	POINT	LATITUDE	LONGITUDE	A	24°33'38.39004"	73°55'21.62784"	B	24°33'38.39004"	73°55'26.17896"	C	24°33'40.39524"	73°55'26.17896"	D	24°33'40.39488"	73°55'44.84604"	E	24°33'32.14826"	73°55'44.84604"	F	24°33'32.14826"	73°55'55.26408"	G	24°33'06.82632"	73°55'55.26408"	H	24°33'06.82632"	73°55'44.84676"	I	24°32'58.64460"	73°55'44.84676"	J	24°32'58.64424"	73°55'38.62488"	K	24°33'14.65164"	73°55'21.63000"	A	24°33'38.39004"	73°55'21.62784"
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	Villages	Hariyav, Jaspura, Padampura																																							
	Tehsil / Taluka	Vallabhnagar & Kurabar																																							
	District	Udaipur																																							
	State	Rajasthan																																							
2.	Area(hectares/ square kilometers)	94.62 Hect.																																							
	Mineralised Area	In this block the Limestone shows exposed length of about 1.2 Km with average width about 20 to 250 mt (Plate-3). The limestone is light grayish to brownish white in colour, medium to coarse grained, crystalline, hard & compact, multi-jointed, at places it is fractured in nature. The general trend of Limestone is varying place to place, which is NNW-SSE to N-S, dipping 60° to 80° Easterly, at places reverse dip due to local folding.																																							
	Non-mineralised Area	-																																							
3.	Exploration																																								
	Status (G2/G3/G4 etc.)	G-2 stage																																							
	Exploration Agency	Department of Mines & Geology, Rajasthan (Govt. of Rajasthan)																																							
	Total Number of Boreholes with meterage	Total of 583 meterage drilling with 07 no. of boreholes were drilled.																																							
	Borehole Spacing (Density)	The boreholes spacing varies from 70 mt to 255 mt.																																							

4.	Quantity of Minerals (Grade-wise)	
	Mineral	The geological resources of Limestone estimated is about 74.21 Million Tonnes. The grade of limestone exhibit with weighted average CaO- 44.14 %, SiO ₂ - 9.27 % & MgO- 1.57 %.
	Total Geological Resources	Limestone estimated is about 74.21 Million Tonnes.
5.	Mineralised Zones	
	Number of Mineral Zones	Limestone shows exposed length of about 1.2 Km with average width 20 to 250 mt (Plate-3), the Amphibolite intrusive bifurcating the limestone bands in two parts from the centre part of block and is extending due southward.
	Trend (Dip and Strike)	NNW-SSE to N-S, at places to NE-SW dipping 60° to 80° Easterly, at places reverse dip due to local folding.
	Total Thickness	The exposed width of limestone varies from 20 mt to 250 mt.
6.	Accessibility	
	Nearest Rail Head	Nearest railway station from the area is Udaipur.
	Road	Approachable from Udaipur city by connected all-weather metal roads via Debari on Udaipur-Kurabar road for about 30 km.
	Airport	Nearest airport is Maharana Pratap airport at Dabok, Udaipur.
7.	Hydrography	
	Local Surface Drainage Pattern (Channels)	Low lying ridge trending almost N-S direction with undulating terrain. Drainage forming gradual slopes on the southern side, few small seasonal nalas are flowing due southerly.
	Rivers/Streams	
8.	Climate	
	Mean Annual Rainfall	The area annually receives around 600 mm of rainfall.
	Temperatures (December)	4–10°C.
	Temperatures (June)	35 °C to 44°C
9.	Topography	
	Toposheet Number	45H/14
	Morphology of the Area	Low lying Undulating plain and rugged topography and linear bands, soil & agriculture fields, an average contour of 520 m with gradual slopes on the southern side.

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

	Particulars	Details / Status
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 form in e 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	

PARTC–PARTICULARS OF LAND

	Land Type	Area (inHectares)
1.	Total Concession Area	0.9462Sq.km. (94.62Hect.) *
2.	Forest Land with Status	There is no forest area in the block.
3.	Government Land with Status	15.50 Hect.
4.	Private Land with Status	75.4238 Hect
5.	Others	3.70 Hect.
6	Angore land	-
7	DPAPB hed vikas	-
8	Nadi (Talab)	-
9	Paal / bala	-
10.	Revenue survey details of the area	94.6238 Hect. <u>Enclosure as Annexure:-</u> - Revenue Certificate - Khasra details - Joint demarcation report <u>Plates:-</u> - Map of Block Superimposed on Khasra - Digital Map of Block Superimposed on Khasra

- Demarcated area is 94.62 Hect. while as per revenue superimposition it comes to be 94.6238 Hectares probably due to projection difference.