

## Summary of the Mineral Block

### PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details																																																													
<b>1.</b>	<b>Location</b>																																																														
	Mineral Block	<b>BLOCK- 3D2 NEAR VILLAGE HARIMA – PITHASAR, TEHSIL-JAYAL</b>																																																													
	Corner Points (Latitude, Longitude)	<p>The geo coordinates of the area of all the corner points are as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Pillar</th> <th colspan="2">DGPS Coordinates(UTM)</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>3023915.4614</td> <td>386952.9257</td> </tr> <tr> <td>Y</td> <td>3019456.5922</td> <td>390967.7093</td> </tr> <tr> <td>F'</td> <td>3016356.5922</td> <td>390967.7093</td> </tr> <tr> <td>E'</td> <td>3016356.5922</td> <td>389867.7093</td> </tr> <tr> <td>D'</td> <td>3014867.3392</td> <td>389867.7093</td> </tr> <tr> <td>C'</td> <td>3014867.3392</td> <td>386952.9257</td> </tr> <tr> <td>C</td> <td>3016356.5922</td> <td>386952.9257</td> </tr> <tr> <td>E'</td> <td>3016356.5922</td> <td>389867.7093</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>These readings are taken from NAVCOM AS PER DGPS SATTELITE READING. In any circumstances of discrepancy, DGPS UTM Readings will be considered as correct</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Pillar</th> <th colspan="2">DGPS Coordinates</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>27<sup>0</sup>-20'-1.3622"</td> <td>73<sup>0</sup>-51'-26.0582"</td> </tr> <tr> <td>Y</td> <td>27<sup>0</sup>-17'-36.6430"</td> <td>73<sup>0</sup>-53'-53.5713"</td> </tr> <tr> <td>F'</td> <td>27<sup>0</sup>-15'-56.9066"</td> <td>73<sup>0</sup>-53'-54.5650"</td> </tr> <tr> <td>E'</td> <td>27<sup>0</sup>-15'-56.5901"</td> <td>73<sup>0</sup>-53'-14.5647"</td> </tr> <tr> <td>D'</td> <td>27<sup>0</sup>-15'-08.1960"</td> <td>73<sup>0</sup>-53'-15.0464"</td> </tr> <tr> <td>C'</td> <td>27<sup>0</sup>-15'-07.3426"</td> <td>73<sup>0</sup>-51'-29.0673"</td> </tr> <tr> <td>C</td> <td>27<sup>0</sup>-15'-55.7363"</td> <td>73<sup>0</sup>-51'-28.5729"</td> </tr> <tr> <td>E'</td> <td>27<sup>0</sup>-15'-56.5901"</td> <td>73<sup>0</sup>-53'-14.5647"</td> </tr> </tbody> </table>	Pillar	DGPS Coordinates(UTM)		Latitude	Longitude	X	3023915.4614	386952.9257	Y	3019456.5922	390967.7093	F'	3016356.5922	390967.7093	E'	3016356.5922	389867.7093	D'	3014867.3392	389867.7093	C'	3014867.3392	386952.9257	C	3016356.5922	386952.9257	E'	3016356.5922	389867.7093				Pillar	DGPS Coordinates		Latitude	Longitude	X	27 <sup>0</sup> -20'-1.3622"	73 <sup>0</sup> -51'-26.0582"	Y	27 <sup>0</sup> -17'-36.6430"	73 <sup>0</sup> -53'-53.5713"	F'	27 <sup>0</sup> -15'-56.9066"	73 <sup>0</sup> -53'-54.5650"	E'	27 <sup>0</sup> -15'-56.5901"	73 <sup>0</sup> -53'-14.5647"	D'	27 <sup>0</sup> -15'-08.1960"	73 <sup>0</sup> -53'-15.0464"	C'	27 <sup>0</sup> -15'-07.3426"	73 <sup>0</sup> -51'-29.0673"	C	27 <sup>0</sup> -15'-55.7363"	73 <sup>0</sup> -51'-28.5729"	E'	27 <sup>0</sup> -15'-56.5901"	73 <sup>0</sup> -53'-14.5647"
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	Villages	Harima, Pithasar																																																													
	Tehsil/ Taluka	Jayal																																																													
	District	Nagaur																																																													
	State	Rajasthan																																																													
<b>2.</b>	<b>Area (hectares)</b>																																																														
	Mineralised Area	4.34 sq. km.																																																													
	Non - mineralised Area																																																														
<b>3.</b>	<b>Exploration</b>																																																														

<b>Features</b>	<b>Details</b>
Status (G2/G3/G4 etc.)	<b>G-2</b>
Exploration Agency	Department of Mines and Geology, Rajasthan
Total Number of Boreholes with meterage	25 Borehole, 737.00 Mt.
Borehole Spacing (Density)	400 x 400 m (mostly)
<b>4. Quantity of Minerals (Grade-wise)</b>	
Mineral	Cement grade limestone CaO 47.54%, SiO <sub>2</sub> 5.39 % and MgO 3.14 %
Total Geological Resources	<b>154.553 MT</b>
<b>5. Mineralised Zones</b>	
Number of Mineral Zones	1 to 5
Trend (Dip and Strike)	The limestone is trending almost N-S with rolling dip.
Total Thickness	Minimum 0.60 m to maximum 27.00 m
<b>6. Accessibility</b>	
Nearest Rail Head	Nagaur (20 km)
Road	The area lies 20 km NE of Nagaur town on Nagaur-Ladnun N.H. 65
Airport	Jodhpur (160 km)
<b>7. Hydrography</b>	
Local Surface Drainage Pattern (Channels)	No river originates or flows from this part of investigated area.
Rivers/Streams	Seasonal nallas falls in the area mainly trending NW-SE
<b>8. Climate</b>	
Mean Annual Rainfall	About 40 cm
Temperatures (December)	1 <sup>o</sup>
Temperatures (June)	48 <sup>o</sup>
<b>9. Topography</b>	
Toposheet Number	45E/15
Morphology of the Area	The area covered under investigation is occupied by the plain covered with alluvium having little small scanty exposure.

**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	Not Applicable
2.	Wild life clearance (sanctuary, reserve or special zone clearances)	Not Applicable
3.	Environmental clearance	To be obtained by the Successful Bidder
4.	Mining Plan Approval	To be obtained by the Successful Bidder
5.	Consent to establish	To be obtained by the Successful Bidder
6.	Explosive license	To be obtained by the Successful Bidder
7.	Permission for mine opening	To be obtained by the Successful Bidder
8.	Permission of installation/ trial operation of equipment	To be obtained by the Successful Bidder
9.	Ground water clearance (Centre/State)	To be obtained by the Successful Bidder
10.	Railway siding approval	To be obtained by the Successful Bidder
11.	Approval for diesel storage	To be obtained by the Successful Bidder
12.	Power line from State Discom	To be obtained by the Successful Bidder
13.	Clearances relating to work under an existing transmission line or shifting of the transmission line	To be obtained by the Successful Bidder
14.	Grama Sabha consent	To be obtained by the Successful Bidder
15.	Any other clearances to start mining operation	To be obtained by the Successful Bidder

**PART C – PARTICULARS OF LAND**

	<b>Land Type</b>	<b>Area (in Hectares)</b>
1.	Total Concession Area	434.085
2.	Forest Land with Status	-
3.	Government Land with Status	78.34894
4.	Private Land with Status	332.36606
5.	Charagah/Pasture Land (*)	23.37
6.	Revenue survey details of the area	Available

Note :(\*) Refer Clause no 22.