



सत्यमेव जयते

राजस्थान राजपत्र  
विशेषांक

साधिकार प्रकाशित

RAJASTHAN GAZETTE  
Extraordinary

Published by Authority

फाल्गुन 07, सोमवार, शाके 1945-फरवरी 26, 2024  
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भाग-1(ख)

महत्वपूर्ण सरकारी आज़ायें।

Mines and Petroleum (Gr-II) Department

Notification

Jaipur, February 23, 2024

**No. F.3(31)Mines/Group-2/2015-Part-5.**-In exercise of power conferred under Section 10B & Section 11 of Mines and Mineral (Development and Regulation) Act, 1957 (as amended from time to time),the State Government hereby notify the following major mineral block for the grant of Mining Lease as per the provisions of the Mineral Auction Rules, 2015(as amended from time to time).

**1. Bhukia-Jagpura Block n/vBhukia & Jagpura, Tehsil Ganoda & Ghatol, District- Banskara(Raj), for Gold and Associated Minerals, Area – 9.4026 Sq.Km**

Pillar no.	Latitude	Longitude
A	23°49'33.6029"	74°21'31.5273"
B	23°49'55.1737"	74°22'32.1472"
C	23°51'21.2193"	74°22'30.2219"
D	23°51'21.2189"	74°22'11.5750"
E	23°51'43.7117"	74°22'11.5750"
F	23°51'43.7117"	74°21'43.3006"
G	23°51'24.7005"	74°21'43.3006"
H	23°51'24.7005"	74°20'42.2677"
I	23°50'19.4452"	74°20'42.2677"

By Order of the Governor,  
Neetu Barupal,  
Joint Secretary to Government.

7390

राज्य केन्द्रीय मुद्रणालय, जयपुर।

## SUMMARY OF THE MINERAL BLOCKS

### PART A-GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details																																
<b>1.</b>	<b>Location</b>	N/V Bhukia & Jagpura, Tehsil Ghatol & Ganoda, District Banswara (State: Rajasthan)																																
	Mineral Block	Bhukia-Jagpura Gold & Associated minerals Block																																
	Corner Points (Latitude, Longitude)	Corner points of M.L. Block <table border="1" style="margin-left: 20px;"> <thead> <tr> <th rowspan="2">Point location</th> <th colspan="2">Degree minute Second</th> </tr> <tr> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>74° 21' 31.5273" E</td> <td>23° 49' 33.6029" N</td> </tr> <tr> <td>B</td> <td>74° 22' 32.1472" E</td> <td>23° 49' 55.1737" N</td> </tr> <tr> <td>C</td> <td>74° 22' 30.2219" E</td> <td>23° 51' 21.2193" N</td> </tr> <tr> <td>D</td> <td>74° 22' 11.5750" E</td> <td>23° 51' 21.2189" N</td> </tr> <tr> <td>E</td> <td>74° 22' 11.5750" E</td> <td>23° 51' 43.7117" N</td> </tr> <tr> <td>F</td> <td>74° 21' 43.3006" E</td> <td>23° 51' 43.7117" N</td> </tr> <tr> <td>G</td> <td>74° 21' 43.3006" E</td> <td>23° 51' 24.7005" N</td> </tr> <tr> <td>H</td> <td>74° 20' 42.2677" E</td> <td>23° 51' 24.7005" N</td> </tr> <tr> <td>I</td> <td>74° 20' 42.2677" E</td> <td>23° 50' 19.4452" N</td> </tr> </tbody> </table>	Point location	Degree minute Second		Longitude	Latitude	A	74° 21' 31.5273" E	23° 49' 33.6029" N	B	74° 22' 32.1472" E	23° 49' 55.1737" N	C	74° 22' 30.2219" E	23° 51' 21.2193" N	D	74° 22' 11.5750" E	23° 51' 21.2189" N	E	74° 22' 11.5750" E	23° 51' 43.7117" N	F	74° 21' 43.3006" E	23° 51' 43.7117" N	G	74° 21' 43.3006" E	23° 51' 24.7005" N	H	74° 20' 42.2677" E	23° 51' 24.7005" N	I	74° 20' 42.2677" E	23° 50' 19.4452" N
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	Villages	Bhukia, Jagpura, Delwara and Gundelapara village, Tehsil Ghatol, Banswara District, Rajasthan																																
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	District	Banswara																																
	State	Rajasthan																																
<b>2.</b>	<b>Area (hectares/ square kilometer)</b>	9.4026 square kilometer																																
	Mineralised Area	4.7068 square kilometer																																
	Non-mineralised Area	4.6958 square kilometer																																
<b>3.</b>	<b>Exploration</b>																																	
	Status (G2/G3/G4 etc.)	G2 stage																																
	Exploration Agency	Geological Survey of India																																
	Total Number of Boreholes with meterage	Total 41921.58m drilling was carried out in thirteen blocks. Total nos. of boreholes= 155 nos.																																
	Borehole Spacing (Density)	50m-100m strike spacing																																
<b>4.</b>	<b>Quantity of Minerals (Grade-wise)</b>																																	
	Mineral	Principle mineral: Gold Associated minerals: Copper (whereas Nickel and Cobalt are in traces)																																

	<p>Total Geological Resources</p>	<p>The estimated ore resources is 113.52 million tons, determined by cross-section method at 0.5 g/t cut-off and 1.0m stopping width. The average grades and metal content is tabulated below:</p> <table border="1" data-bbox="675 310 1518 541"> <thead> <tr> <th rowspan="3">Total Resources (million tons)</th> <th colspan="2">Gold (Au)</th> <th colspan="2">Copper (Cu)</th> <th colspan="2">Nickel (Ni)</th> <th colspan="2">Cobalt (Co)</th> </tr> <tr> <th colspan="8">Associated commodity</th> </tr> <tr> <th>Metal content (tons)</th> <th>Avg. Grade (g/t)</th> <th>Metal content (tons)</th> <th>Avg. Grade (%)</th> <th>Metal content (tons)</th> <th>Avg. Grade (g/t)</th> <th>Metal content (tons)</th> <th>Avg. Grade (g/t)</th> </tr> </thead> <tbody> <tr> <td>113.52</td> <td>222.534</td> <td>1.96</td> <td>159071</td> <td>0.14</td> <td>11013</td> <td>97.01</td> <td>13604</td> <td>119.84</td> </tr> </tbody> </table> <p>Separate Copper Resources at 0.20% cut-off and 2.0m stopping width-</p> <table border="1" data-bbox="688 646 1507 793"> <thead> <tr> <th rowspan="2">Total Resources (million tons)</th> <th colspan="2">Copper (Cu)</th> </tr> <tr> <th>Metal content (tons)</th> <th>Avg. Grade (%)</th> </tr> </thead> <tbody> <tr> <td>33.33</td> <td>124384</td> <td>0.37</td> </tr> </tbody> </table>	Total Resources (million tons)	Gold (Au)		Copper (Cu)		Nickel (Ni)		Cobalt (Co)		Associated commodity								Metal content (tons)	Avg. Grade (g/t)	Metal content (tons)	Avg. Grade (%)	Metal content (tons)	Avg. Grade (g/t)	Metal content (tons)	Avg. Grade (g/t)	113.52	222.534	1.96	159071	0.14	11013	97.01	13604	119.84	Total Resources (million tons)	Copper (Cu)		Metal content (tons)	Avg. Grade (%)	33.33	124384	0.37																											
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5.	<p><b>Mineralised Zones</b></p>	<p>Number of Mineral Zones</p> <p>Mineralized zones-I to XI &amp; A-I to A-III. Strike length, width, trend and disposition of these zones in different blocks are given below-</p> <table border="1" data-bbox="675 1024 1518 2037"> <thead> <tr> <th>Zone</th> <th>Strike length (m)</th> <th>Width (m)</th> <th>Trend</th> <th>Disposed in block / blocks</th> </tr> </thead> <tbody> <tr> <td>MZ-I</td> <td>2100</td> <td>10-100</td> <td>NNW-SSE</td> <td>Delwara, Bhukia East and Timaran Mata East</td> </tr> <tr> <td>MZ-II</td> <td>1700</td> <td>10-50</td> <td>NNW-SSE</td> <td>Delwara, Bhukia East and Timaran Mata East</td> </tr> <tr> <td>MZ-III</td> <td>2100</td> <td>10-60</td> <td>NNW-SSE</td> <td>Khankriya Gara, Delwara, Bhukia East and Timaran Mata East</td> </tr> <tr> <td>MZ-IV</td> <td>3100</td> <td>10-150</td> <td>NNW-SSE to E-W</td> <td>Delwara West, Southcentral, Eastcentral, Northcentral and Timaran Mata West</td> </tr> <tr> <td>MZ-V</td> <td>1000</td> <td>30-85</td> <td>NNW-SSE</td> <td>Delwara West</td> </tr> <tr> <td>MZ-VI</td> <td>2250</td> <td>20-140</td> <td>N-S to NNW-SSE</td> <td>Delwara West, Southcentral, Delwara NW, Northcentral and Timaran Mata West</td> </tr> <tr> <td>MZ-VII</td> <td>730</td> <td>20-80</td> <td>NNE-SSW</td> <td>Delwara West and Delwara NW</td> </tr> <tr> <td>MZ-VIII</td> <td>290</td> <td>10-60</td> <td>N-S</td> <td>Delwara West</td> </tr> <tr> <td>MZ-IX</td> <td>400</td> <td>5-50</td> <td>N-S to NNE-SSW</td> <td>Bhukia Central</td> </tr> <tr> <td>MZ-X</td> <td>750</td> <td>5-50</td> <td>NNW-SSE to NW-SE</td> <td>Bhukia West</td> </tr> <tr> <td>MZ-XI</td> <td>1850</td> <td>10-90</td> <td>N-S to NNW-SSE</td> <td>Gundelapara and Gundelapara NW</td> </tr> <tr> <td>MZ-A-I</td> <td>510</td> <td>5-40</td> <td>N-S</td> <td rowspan="2">Jagpura Block</td> </tr> <tr> <td>MZ-</td> <td>260</td> <td>6-30</td> <td>N-S to NNW-</td> </tr> </tbody> </table>	Zone	Strike length (m)	Width (m)	Trend	Disposed in block / blocks	MZ-I	2100	10-100	NNW-SSE	Delwara, Bhukia East and Timaran Mata East	MZ-II	1700	10-50	NNW-SSE	Delwara, Bhukia East and Timaran Mata East	MZ-III	2100	10-60	NNW-SSE	Khankriya Gara, Delwara, Bhukia East and Timaran Mata East	MZ-IV	3100	10-150	NNW-SSE to E-W	Delwara West, Southcentral, Eastcentral, Northcentral and Timaran Mata West	MZ-V	1000	30-85	NNW-SSE	Delwara West	MZ-VI	2250	20-140	N-S to NNW-SSE	Delwara West, Southcentral, Delwara NW, Northcentral and Timaran Mata West	MZ-VII	730	20-80	NNE-SSW	Delwara West and Delwara NW	MZ-VIII	290	10-60	N-S	Delwara West	MZ-IX	400	5-50	N-S to NNE-SSW	Bhukia Central	MZ-X	750	5-50	NNW-SSE to NW-SE	Bhukia West	MZ-XI	1850	10-90	N-S to NNW-SSE	Gundelapara and Gundelapara NW	MZ-A-I	510	5-40	N-S	Jagpura Block	MZ-	260	6-30	N-S to NNW-
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		MZ- A-III	500	5-30	N-S to NNW- SSE	
	Trend (Dip and Strike)	The general strike of the lithounits is NW-SE to N-S with moderate to steep dip mainly towards SW.				
	Total Thickness	Gold zone: 1.00m to 55.95m thick gold zones at 0.5 g / t cut-off and 1.0m stoping width. Copper zone: 2.00m to 35.10m thick copper zones at 0.2 % cut-off and 2.0m stoping width.				
<b>6.</b>	<b>Accessibility</b>					
	Nearest Rail Head	Dungarpur (in Rajasthan) is the nearest railway station (approximately 86 km).				
	Road	It is easily approachable by Jaipur-Chittorgarh-Pratapgarh-Ghatol, National Highway No. 48 and 56.				
	Airport	Nearest airport is Maharana Pratap Airport, Udaipur which is 150 km away from the block.				
<b>7.</b>	<b>Hydrography</b>					
	Local Surface Drainage Pattern (Channels)	The surrounding areas exhibit dendritic pattern of drainage and is chiefly controlled by the Mahi River				
	Rivers/Streams	Mahi river and its tributaries.				
<b>8.</b>	<b>Climate</b>					
	Mean Annual Rainfall	The annual rainfall during the period from June to September varies from 35cm to 55 cm.				
	Temperatures (December)	10.0°C				
	Temperatures (June)	45°C				
<b>9.</b>	<b>Topography</b>					
	Toposheet Number	46 I/5				
	Morphology of the Area	Physiographically the area in and around the mineral block can be broadly subdivided into three units, viz., the flat area, ridges, mounds low lying areas with rolling topography.				

**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	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 for mine 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**

	<b>Land Type</b>	<b>Area</b>
1.	Total Concession Area	9.4026 Sq Km
2.	Forest Land with Status	606.2817 Hectare
3.	Government Land with Status	106.735 Hectare
4.	Private Land with Status	209.9041 Hectare
5.	Charagah/Pasture Land (*)	6.2703 Hecatre
6	Angore land	-
7	Oran land	-
8	Talab	-
9	Abadi	2.3428 Hectare
6.	HZL	12.17 Hecate

- Revenue Data produced as received from the respective Patwari of the village
- The discrepancy observed in the total area & actual Block area is either due to overlapping of the village boundary or a gap between village boundary.

Type of Land fall in Gold ML area							
	वन विभाग	बिलानाम	खातेदारी	आबादी	चारागाह	hzi	G. total
Sonamagri	226.0161	90.4156	166.2601	1.9828	6.2703	11.53	502.4749
Laxmipura	30.2151	8.5665	21.2786	0.36			60.4202
Jagpura	249.4953	5.422	9.78			0.64	265.3373
Delwara	100.5552	2.3309	12.5854				115.4715
<b>Total</b>	<b>606.2817</b>	<b>106.735</b>	<b>209.9041</b>	<b>2.3428</b>	<b>6.2703</b>	<b>12.17</b>	<b>943.7039</b>

Note :-

1. Revenue Data produced as received from the respective patwari of the village
2. The discrepancy observed in the total area and actual block area is either due to overlapping of the village boundary or a gap between village boundary.