



सत्यमेव जयते

राजस्थान राजपत्र
विशेषांक

साधिकार प्रकाशित

RAJASTHAN GAZETTE
Extraordinary

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राज्य सरकार तथा अन्य राज्य-प्राधिकारियों द्वारा जारी किये गये (सामान्य आदेशों, उप-विधियों आदि को सम्मिलित करते हुए) सामान्य कानूनी नियम।

Mines and Petroleum (Gr-II) Department

Notification

Jaipur, March 14, 2024

G.S.R.201 .-In exercise of power conferred under section 10B (3) of Mines and Mineral (Development and Regulation) Act, 1957 (as amended from time to time), the State Government hereby notify the following major mineral blocks for the grant of Mining Lease as per the provisions of the Mineral Auction Rules, 2015 (as amended from time to time).

- 1. Ladana-Diggi Block n/v-Ladana, Tehsil - Mavli, District - Udaipur, (Rajasthan) Area –100.0 Hect. for Base metal**

POINTS	LATITUDE	LONGITUDE
A	24°46'50.56"	74°02'49.24"
B	24°46'29.47"	74°03'26.45"
C	24°46'06.99"	74°03'11.16"
D	24°46'28.08"	74°02'33.95"

[No. F.3(31)Mines/Group-2/2015-Part-5]

By Order of the Governor,

(Ashu Chaudhary)

Joint Secretary to Government.

SUMMARY OF THE MINERAL BLOCKS

PART A - GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS		
1.	LOCATION	Ladana Diggi Block is 10 kms south west of Fatehnagar township in the Udaipur district, Rajasthan.		
	MINERAL BLOCK	Ladana Diggi Block, Udaipur district, Rajasthan.		
	CORNER POINTS (LATITUDE, LONGITUDE)	Pillar No.	Latitude(N)	Longitude(E)
		A	N 24 ⁰ 46' 50.56"	E 74 ⁰ 02' 49.24"
		B	N 24 ⁰ 46' 29.47"	E 74 ⁰ 03' 26.45"
		C	N 24 ⁰ 46' 06.99"	E 74 ⁰ 03' 11.16"
		D	N 24 ⁰ 46' 28.08"	E 74 ⁰ 02' 33.95"
	VILLAGES	Ladana		
	TEHSIL/ TALUKA	Mavli		
	DISTRICT	Udaipur		
	STATE	Rajasthan		
2.	AREA (HECTARES)	100 hect.		
	MINERALISED AREA	60 hect		
	NON-MINERALISED AREA	40 hect.		
3.	EXPLORATION			
	STATUS(G2/G3/G4 ETC.)	G2		
	EXPLORATION AGENCY	GSI		
	TOTAL NUMBER OF BOREHOLES WITH METERAGE	14 boreholes, total meterage= 2876.45m.		
	BOREHOLES PACING(DENSITY)	100m strike spacing		
4.	QUANTITY OF MINERALS(GRADEWISE)	A total of 1.20 million tones of copper resource with 0.60% Cu average grade at 0.20%(Cu) cut-off and 2.0m stoping width has been calculated by cross section method.		
	MINERAL	Copper		
	TOTAL GEOLOGICAL RESOURCES	The copper resource is categorised as 332 under UNFC.		
5.	MINERALISED ZONES	Copper mineralisation is observed along NNE-SSW and WNW-ESE trending shear planes. Two mineralized zones viz. MZ-I and MZ-II have been demarcated showing surface indication of copper mineralisation during the detailed geological mapping. The shear zone is traced in an arcuate form trending WNW-ESE and NNE-SSW direction with moderate to steep dip towards northeast and southeast directions respectively. The NNE-SSW trending arm of the arc, termed as Mineralized Zone M-I, is established for about 550 m and the WNW-ESE trending arm of the arc, termed as Mineralized Zone M-II, is established for about 200 m. Thus, the cumulative strike length of the ore body in Ladana-Diggi Block is 750 m.		
	NUMBER OF MINERAL ZONES	2		
	TREND (DIP AND STRIKE)	Three sets of foliations are present in the area. Foliation plane (S1) trends NS and dips 20-22° easterly in the middle of the area near old working. Foliation plane (S2) represents by F2 fold axial plane and it trends N20°W-		

		S20°E with 70°-80° dips towards east in northern part of the block. Foliation plane (S3) occurs as fracture cleavage trending E-W with 50°-80° dips southerly. The foliation planes are observed in gneiss and amphibolite.
	TOTAL THICKNESS	The cumulative strike length of the ore body in Ladana-Diggi Block is 750 m.
6.	ACCESSIBILITY	The area is about 400 km away from Jaipur city and is well connected by metalled roads and railway line. It is easily approachable by Jaipur-Ajmer-Udaipur, National Highway No. 48. The area is also approachable from Bhilwara and Chittorgarh by metalled roads.
	NEAREST RAILHEAD	Fatehnagar is the nearest railway station situated on Chittorgarh-Udaipur section of the North-Western Railway and it is approachable by a metalled road.
	ROAD	It is easily approachable by Jaipur-Ajmer-Udaipur, National Highway No. 48.
	AIRPORT	Nearest airport is Udaipur which is 50 km away from Ladana block
7.	HYDROGRAPHY	Water table is within 20 m to 30 m.
	LOCAL SURFACE DRAINAGE PATTERN (CHANNELS)	The area is drained by small streamlets into a small pond near the village. The surrounding area exhibits dendritic pattern of drainage and is chiefly controlled by the Berach River
	RIVER/STREAMS	Berach River
8.	CLIMATE	The area falls in semi-arid climatic zone and it is dry almost throughout the year. The prevailing climate in Udaipur area is known as local steppe climate. Winter season prevails from October to February and coldest month is December. In January, the temperature falls to the level of 11.6° C in nights. May and June are the hottest months with temperature rising up to 44°C. Average temperature in Udaipur is 31.6°C. Monsoon arrives in the month of July heralded by dust and thunderstorms..
	MEAN ANNUAL RAINFALL	Average annual rainfall is 689 mm and maximum precipitation occurs in the month of July.
	TEMPERATURES (DECEMBER)	11.6°C
	TEMPERATURES (JUNE)	44°C
9.	TOPOGRAPHY	The area around Ladana Diggi block forms a part of peneplained land and it has a gently undulating topography with a soil cover of 1-to-5 meter thickness. Rock outcrops are very scanty and form small knolls in the area. More than 90 % of the area is occupied by agricultural land owned by local farmers. The northern part of the block is occupied by a lake. Central part of the Area comprises two old working sand some pasture land.
	TOPOSHEET NUMBER	45 L/1
	MORPHOLOGY OF THE AREA	The area around Ladana block forms a part of peneplained land and it has a gently undulating topography

PARTB–PARTICULARSOFSTATUTORYLICENSES,PERMITS,PERMISSIONS,CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS

	PARTICULARS	DETAILS/STATUS
1.	FOREST CLEARANCE	There is no demarcated forest. Regarding other permissions, if required to be obtained by the successful bidder.
2.	WILDLIFECLEARANCE(SANCTUARY,RESERVEOR SPECIALZONECLEARANCES)	
3.	ENVIRONMENTCLEARANCE	
4.	MININGPLANAPPROVAL	
5.	CONSENTTO ESTABLISH	
6.	EXPLOSIVELICENSE	
7.	PERMISSIONFORMINEOPENING	
8.	PERMISSIONOFINSTALLATION/TRIALOPERATIONOF EQUIPMENT	
9.	GROUNDWATERCLEARANCE(CENTRE/STATE)	
10.	RAILWAYSDDINGAPPROVAL	
11.	APPROVALFORDIESELSTORAGE	
12.	POWERLINEFROMSTATEDISCOM	
13.	CLEARANCESRELATINGTOWORKUNDERANEXISTING TRANSMISSION LINE OR SHIFTING OF THE TRANSMISSIONLINE	
14.	GRAMASABHACONSENT	
15.	ANY OTHER CLEARANCESTO START MINING OPERATION	

PARTC–PARTICULARSOFLAND

	LANDTYPE	AREA(Inhect.)
1.	TOTALCONCESSIONAREA	100 hect.
2.	FORESTLANDWITHSTATUS	NIL
3.	GOVERNMENTLANDWITHSTATUS	
4.	PRIVATELANDWITHSTATUS	
5.	CHARAGAH/PASTURELAND(*)	
6.	ANGORELAND	
7.	ORANLAND	
8.	TALAB	A seasonal pond is present in then orthof this block
9.	REVENUESURVEYDETAILSOFTHEARE A	Available

NOTE:(*)_REFERCLAUSENO.17.7.

NOTE-TOTAL

AREA HAS BEEN CALCULATED BASED ON AREA FALLING WITHIN THE COORDINATES BUT WHEN SUPERIMPOSED ON REVENUE MAP, SLIGHTLY IT MAY DIFFER BEING BOTH ON DIFFERENT PROJECTIONS, ONE IS SPHERICAL AND OTHER IS LINEAR.