

## BACKGROUND NOTE

**1. Suratsinghji Ka Khera Block, n/v Suratsinghji Ka Khera Tehsil Gangrar District – Chittorgarh (Raj), for Basemetal and Associated Mineralization, Area – 995.6077 Hect.**

Pillar.no.	Latitude	Longitude	Description
A	25°06'09.15"	74°36'00.96"	Block pillar
A'	25°06'09.12680"	74°36'30.11424"	Lease intermediate pillar
b'	25°06'07.83"	74°36'28.95"	Lease pillar(31/2006)
c'	25°06'04.74"	74°36'39.48"	Lease pillar(31/2006)
S	25°06'04.01"	74°36'40.30"	Lease pillar(30/2006)
R	25°05'55.90"	74°36'35.15"	Lease pillar(30/2006)
Q	25°05'53.02"	74°36'39.01"	Lease pillar(30/2006)
P	25°06'01.06"	74°36'46.25"	Lease pillar(30/2006)
B'	25°06'09.11861"	74°36'39.95330"	Lease intermediate pillar
B	25°06'09.01"	74°38'34.45"	Block pillar
C''	25°05'10.59211"	74°38'36.24442"	Block intermediate pillar
P'	25°05'09.47"	74°38'35.76"	Lease pillar(15/2007)
U	25°05'09.46"	74°38'30.63"	Lease pillar(15/2007)
T	25°05'15.02"	74°38'32.18"	Lease pillar(15/2007)
S'	25°05'15.63"	74°38'30.24"	Lease pillar(15/2007)
R'	25°05'04.90"	74°38'27.34"	Lease pillar(15/2007)
Q'	25°05'04.92"	74°38'35.76"	Lease pillar(15/2007)
D'	25°05'06.04099"	74°38'36.38419"	Block intermediate pillar
C	25°04'17.98"	74°38'37.86"	Block pillar
E'	25°04'04.98753"	74°38'06.64887"	Lease intermediate pillar
K'	25°04'05.60103"	74°38'06.38494"	Lease pillar(02/2022)
J'	25°04'05.97863"	74°38'07.57524"	Lease pillar(02/2022)
I'	25°04'06.83799"	74°38'07.32484"	Lease pillar(02/2022)
H'	25°04'07.71903"	74°38'06.56919"	Lease pillar(02/2022)
G'	25°04'07.22336"	74°38'05.36168"	Lease pillar(02/2022)
F'	25°04'08.62982"	74°38'03.56166"	Lease pillar(02/2022)
E''	25°04'10.25230"	74°38'00.20317"	Lease pillar(02/2022)
D''	25°04'10.16355"	74°37'59.57078"	Lease pillar(02/2022)
C''	25°04'05.83774"	74°37'58.55275"	Lease pillar(02/2022)
B''	25°04'03.37651"	74°38'00.90856"	Lease pillar(02/2022)
F''	25°04'04.98753"	74°38'06.64887"	Lease intermediate pillar
D	25°03'54.65"	74°37'41.82"	Block pillar
E	25°05'25.12"	74°37'20.19"	Block pillar
F	25°05'29.85"	74°36'08.53"	Block pillar
A	25°06'09.15"	74°36'00.96"	Block pillar

Since the resources in the block have not been calculated therefore, all the values (performance security, bid security and networth) in tender document are mentioned as per Mineral Auction Rules.

## SUMMARY OF THE MINERALBLOCK

### PART A - GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS
1.	LOCATION	Surat singh Ji Ka Kheda about 18 Km North Chittorgarh and 25 Km south of Bhilwara district of Rajasthan.
	MINERAL BLOCK	Surat singh Ji Ka Kheda, Chittaurgarh District, Rajasthan.
	CORNER POINTS (LATITUDE, LONGITUDE)	Please refer to Background Note
	VILLAGES	Surat singh Ji Ka Kheda
	TEHSIL/TALUKA	Gangrar Tehsil
	DISTRICT	Chittorgarh
	STATE	Rajasthan
2.	AREA(HECTARES)	Please refer to Background Note
	MINERALISED AREA	
	NON - MINERALISED AREA	
3.	EXPLORATION	
	STATUS (G2/G3/G4 ETC.)	G4
	EXPLORATION AGENCY	Geological Survey of India
	TOTAL NUMBER OF BOREHOLES WITH METERAGE	Nil
	BOREHOLE SPACING (DENSITY)	NA
4.	QUANTITY OF MINERALS (GRADEWISE)	NA
	MINERAL	Base metal and associated mineralization.
	TOTAL GEOLOGICAL RESOURCES	No geological mineral resource has been calculated in the G4 stage of exploration.
5.	MINERALISED ZONES	
	NUMBER OF MINERAL ZONES	One
	TREND (DIP AND STRIKE)	NNE-SSW and dipping towards NW and SE at steep angle.
	TOTAL THICKNESS	200m
6.	ACCESSIBILITY	Study area is accessible through both road and rail. It is situated 18km North of Chittorgarh and 34km South of Bhilwara, the two major nearby railway stations. There are regular trains from major cities to Gangrar railway station also. The area is accessible via National highway NH79 connecting Gangrar with Bhilwara and Chittorgarh from north and south respectively. Nearest airport is Dabok Airport in Udaipur which is 104km away.

	NEAREST RAIL HEAD	Bhilwara and Chittorrgarh
	ROAD	It is well connected by Jaipur-Ajmer-Udaipur and Jaipur-Bhilwara-Udaipur national highways. Block is situated 60 km from Udaipur.
	AIRPORT	Udaipur AIRPORT
7.	HYDROGRAPHY	The water table in wells is more than 25 mtrdeep.
	LOCAL SURFACE DRAINAGE PATTERN (CHANNELS)	The area is drained by Berach River. It flows in a north-easterly direction in the south-eastern tip of the area for a distance of about 10 km. There are number of lower order streams showing sub dendritic pattern in the area which remain dry for most of the year but become turbulent in rainy season and discharge large quantities of water into the two main rivers namely Berach and Banas.
	RIVER / STREAMS	Berach and Banas
8.	CLIMATE	The climate of the area is arid to semi-arid, being characterized by hot summer, moderately cold winter and a short monsoon. Summer season is quite hot with a temperature range of 23.8°C to 47.8°C. Winter season, on the other hand, remains pleasant, extending between November to March. The average high fluctuates between 28°C and 33°C while the low stands at 10°C. Rainfall is experienced from middle of July to August. The average rainfall in the area ranges between 225mm (during July) to 160 mm (during August).
	MEAN ANNUAL RAINFALL	160-225 mm
	TEMPRATURES( DECEMBER)	Temp. fall upto 10°C
	TEMPRATURES(JUNE)	Temp. rises as high as 48 degree° c
9.	TOPOGRAPHY	Physiographically, this area is comprised of eastern and western plains separated by hilly terrain in the central part. The hills in the central part of the area form a chain trending NNE—SSW and rise abruptly from the plain to a height of about 150m to 213m
	TOPOSHEET NUMBER	45K/12
	MORPHOLOGY OF THE AREA	There are two dominant physiographic features:i) some scattered, separated, small, low height mounts and ii) the eastern peneplain with gently undulating country rock having general slope towards East. The elevation of this plain ranges between 397m to 567m. This area provides moderate to good cultivation land.

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

	PARTICULARS	DETAILS/STATUS
1.	FOREST CLEARANCE	If required to be obtained by the 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

	LAND TYPE	AREA (In hect.)
1.	TOTAL CONCESSION AREA	Please refer to Background Note
2.	FOREST LAND WITH STATUS	NIL
3.	GOVERNMENT LAND WITH STATUS	
4.	PRIVATE LAND WITH STATUS	
5.	CHARAGAH/PASTURE LAND (*)	
6.	ANGORE LAND	NIL
7.	ORAN LAND	NIL
8.	TALAB	NIL
9.	REVENUE SURVEY DETAILS OF THE AREA	AVAILABLE

NOTE:(\*)\_REFER CLAUSE NO. 17.7.