

BACKGROUND NOTE

1. Gharsisar Block n/v Gharsisar, Tehsil Sardarshahar, District - Churu (Raj), for Potash, Area – 11.72 Sq.Km

Pillar no.	Latitude	Longitude
A	28°24'38.51999"	74°12'35.280001"
B	28°24'38.51999"	74°14'42.00001"
C	28°22'47.99999"	74°14'41.98989"
D	28°22'48.00012"	74°12'35.27998"

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 MINERAL BLOCKS

PART A-GENERAL INFORMATION ABOUT MINERAL BLOCK

	FEATURES	DETAILS
1.	LOCATION	Gharsisar block is located in Sardarshahar tehsil of Churu district in Rajasthan, India. It is situated 30km north west from sub-district headquarter Sardarshahar (tehsildar office) and 85km away from district headquarter Churu.
	MINERALBLOCK	Gharsisar block, Churu District, Rajasthan
	CORNERPOINTS (LATITUDE, LONGITUDE)	Please refer to background note
	VILLAGES	Gharsisar
	TEHSIL/TALUKA	Sardarshahar
	DISTRICT	Churu
	STATE	Rajasthan
2.	AREA(HECTARES)	
	MINERALISED AREA	
	NON-MINERALISED AREA	
3.	EXPLORATION	
	STATUS(G2/G3/G4ETC.)	G4
	EXPLORATION AGENCY	In house drilling
	TOTALNUMBEROFBOREHOLES WITH METERAGE	1 borehole (vertical), depth:743.50m
	BOREHOLE SPACING (DENSITY)	Scout borehole
4.	QUANTITY OF MINERALS (GRADEWISE)	Resource not estimated
	MINERAL	Potash minerals
	TOTAL GEOLOGICAL RESOURCES	Resource not estimated
5.	MINERALISEDZONES	The chemical analysis of core samples of borehole P-34, indicated the presence of potash mineralization of 8.13m thick zone with average 3.03% of K and 2.16m thick zone with 4.55% K within the depth range of 587.88 to 695.53m.
	NUMBER OF MINERAL ZONES	2
	TREND (DIP AND STRIKE)	The general NNE-SSW with dip 2 to 5° towards west.
	TOTALTHICKNESS	10.29m
6.	ACCESSIBILITY	Gharsisar is well connected with all weather roads. The State Highway 6A passes near the block. Sardarshahar is the nearest Railway station which is around 35 km south east from Gharsisar.

	NEAREST RAIL HEAD	Sardarshahar is the nearest Railway station which is around 35 km south east from Gharsisar.
	ROAD	Gharsisar is well connected with all weather roads. The State Highway 6A passes near the block.
	AIRPORT	The closest major airport is Bikaner Airport (BKB / VIBK). This airport is in Bikaner, India and is about 170 km from Gharsisar
7.	HYDROGRAPHY	Water table is around 100m below the ground level.
	LOCAL SURFACE DRAINAGE PATTERN(CHANNELS)	There is no proper drainage system in the area as it is covered with extensive blanket of sand.
	RIVER/STREAMS	-
8.	CLIMATE	The area experiences an extreme climate with temperature varying from near to freezing point during winter (up to 1°C to 2°C) months to as high as 51°C during summer months. Dust storms are quite common in the summer months from March to July.
	MEAN ANNUAL RAINFALL	Rainfall is scanty and averages from less than 10 cm to 30 cm annually and is mainly received during the month of July-August.
	TEMPRATURES (DECEMBER)	(up to 1°C to 4°C)
	TEMPRATURES(JUNE)	45 to 50°C
9.	TOPOGRAPHY	Gentle undulating with sand cover
	TOPOSHEET NUMBER	44 L/3
	MORPHOLOGY OF THE AREA	The area around Gharsisar block is covered with aeolian sand and it has a gently undulating topography

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 successful bidder
2.	WILDLIFE 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.	GROUNDWATER CLEARANCE (CENTRE/STATE)	
10.	RAILWAY SIDING APPROVAL	
11.	APPROVAL FOR DIESEL STORAGE	
12.	POWERLINE FROM STATE DISCOM	
13.	CLEARANCES RELATING TO WORK UNDER AN EXISTING TRANSMISSION LINE OR SHIFTING OF THE TRANSMISSION LINE	
14.	GRAMASABHA CONSENT	
15.	ANY OTHER CLEARANCES TO START MINING OPERATION	

PART C – PARTICULARS OF LAND

	LANDTYPE	AREA (In hect.)
1.	TOTAL CONCESSION AREA	Please refer to background note
2.	FOREST LAND WITH STATUS	
3.	GOVERNMENT LAND WITH STATUS	
4.	PRIVATE LAND WITH STATUS	
5.	CHARAGAH/PASTURELAND(*)	
6.	ANGORELAND	
7.	ORANLAND	
8.	TALAB	
9.	REVENUE SURVEY DETAILS OF THE AREA	

NOTE: (*)_REFER CLAUSE NO.17.7.