

**SUMMARY OF THE DEVTALAI COPPER & GOLD BLOCK
PART A- GENERAL INFORMATION ABOUT MINERAL BLOCK**

S. No.	Features	Details			
1	Location	N/V Chhaprel, Devtalai Tehsil Kotari District Bhilwara			
	Mineral Block	Devtalai Copper Block			
	Corner Points (Latitude, Longitude)	Pillar no.	Latitude	Longitude	
		A	25° 28'52.36116"	75°01'15.88652"	
		B	25° 28'26.69076"	75°01'59.41502"	
		C	25° 27'51.26721"	75°01'34.06127"	
		D	25° 28'16.93555"	75°00'50.53481"	
	Villages	Chhaprel, Devtalai, Mina ka khera, Belwa & Dev Khera			
	Tehsil/Taluka	Kotari			
District	Bhilwara				
State	Rajasthan				
2	Area (hectares/square kilometres)	188 Hect.			
	Mineralised Area	188 Hect.			
	Non-mineralised Area	NIL			
3	Exploration				
	Status (G2/G3/G4 etc.)	G-2			
	Exploration Agency	Mineral Exploration Corporation Limited carried out exploration work in the regionally explored GSI block.			
	Total Number of Boreholes with meterage	Drilling (GSI & MECL):			
		S. No	Block	No. of Boreholes drilled	Meterage drilled
		1	GSI Bore Holes	13 boreholes	2346.35 metres
2		MECL (Phase-I)	18 boreholes	1700.00 metres	
3		MECL (Phase-II)	17 boreholes	3002.65 metres	
	Total		48 boreholes	7049.00 metres	
Borehole Spacing (Density)	<p>A total of 16 (Sixteen) section lines in Devtalai block involving a total of 48 Boreholes drilled by GSI (13Boreholes) and MECL (Phase-I-18 Boreholes and Phase-II-17 Boreholes) at an interval of 50-100m in strike and in a vertical column of 200m (+350mRL to +150mRL) intersecting mineralised zones are considered for resource estimation.</p> <p>As per Part III of Minerals (Evidence of Minerals contents) Rules, 2015, the deposit falls in G-2 (332)</p>				

4	Quantity of Minerals (Grade wise)	
	Mineral	Copper & Gold
	Total Geological Resources	<p>The reserves are calculated by cross section method at 0.50% & 0.20% Cu.</p> <ul style="list-style-type: none"> • In total reserves of Copper under 0.50% Cu cut-off is 1583511.49 tonnes of 1.26% Cu & 503268.58 grams of associated gold is assessed with an average grade of 0.54 g/t Au. • The total reserves of Copper under 0.20% Cu cut-off is 2476277.85 tonnes with 0.95% Cu & associated gold being 579238.84 grams with an average of 0.44 g/t Au.
5	Mineralised Zones	
	Number of Mineral Zones	Strike length of 806.72m with average thickness of mineralised zones is 5.50m which lies between +350mRL to +150mRL.
	Trend (Dip and Strike)	The general trend of the rock formations as observed from subsurface data is NE-SW N70° E–S70° W with shallow to moderate dips due northwest. The area is devoid of rock exposures except quartz-veins trending North East-South West. The dip of the formations varies between 15° - 30° due North-West.
	Total Thickness	Strike length of the exploration area is 1000m and resources are estimated in a total strike length of 806.72m (between Section line S-II to S-XVIII) with average thickness of mineralised zones is 5.50m and thickness range varies from 1.50- 9.00 m in a vertical thickness from +350mRL to +150mRL.
6	Accessibility	
	Nearest Rail Head	Nearest Railway Station at Bhilwara which is about 40km SW away of the block.
	Road	The district Head Quarter Bhilwara is about 42Km from the block & the area approached by tar road from Kotri Headquarter to Modiya Khera village. NH-116A is passing about 18 k.m in the North to Shahpura town.
	Airport	Dabok, the nearest airport is about 175 km. away from the area.
7	Hydrography	
	Local Surface Drainage Pattern (Chennals)	Banas River is about 3.0 k.m away towards South-East from the block & flows northwardly.
	Rivers/Streams	Banas river

8	Climate	
	Mean Annual Rainfall	749.57mm avg/annually
	Temperatures (December)	7.30 ⁰ C
	Temperatures (June)	46 ⁰ C
9	Topography	
	Toposheet Number	45 O/3
	Morphology of the Area	The area has almost plain topography and lying under Banas basin. Area has scanty vegetation mostly bushes and partly covered by agriculture crops i.e cotton, wheat, pulses etc. Relief of the area with minimum 355m and maximum 359m MSL.

**PART B- PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSION,
CONCESSIONS, APPROVAL AND CONSENTS RELATED
TO MINING OPERATIONS**

S. No.	Particulars	Details/Status
1	Forest Clearance	To be obtained by successful Bidder
2	Wildlife Clearance (Sanctuary, reserve or special zone Clearance)	
3	Environment Clearance	
4	Mining Plan Approval	
5	Consent to Establish	
6	Explosive license	
7	Permission for mine opening	
8	Permission of installation/trail operation of equipment	
9	Ground water Clearance	
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 Clearance to start mining operation	

PART C- PARTICULARS OF LAND

S. No.	Land Type	Area (in hectares)
1	Total Concession Area	188
2	Forest land with Status	NIL
3	Government land with Status	39.33
4	Private Land with Status	98.00
5	Charagah/Pasture Land	50.67
6	Revenue Survey details of the area	Available

Note:

- The cadastral Khasra details of the block verified by concerned Patwari & Tehsildar are enclosed with the report.
- 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.