

**PART A – GENERAL INFORMATION ABOUT MINERAL  
BLOCK**

Features	Details
<b>1. Location</b>	
Mineral Block	Pahardia Gold Deposit
Corner Points (Latitude, Longitude)	Latitude from 22 <sup>o</sup> 29' 59.022" to 22 <sup>o</sup> 30' 45.557" Longitude from 85 <sup>o</sup> 10' 19.906" to 85 <sup>o</sup> 11' 29.406". (As per WGS 84 datum)
Villages	Pahardia, Rungikocha & Tentadih
Tehsil/ Taluka	Anandpur
District	Singhbhum West
State	Jharkhand
<b>2. Area (hectares/square kilometers)</b>	
	279.609 Ha (as per DGPS/ETS survey)/272.651 Ha (Land area as per Revenue Record)
Mineralised Area	6.017 ha.
Non-mineralised Area	273.592 ha. (approx.)
<b>3. Exploration</b>	
Status (G2/G3/G4 etc.)	G3
Exploration Agency	MECL & GSI
Total Number of Boreholes with meterage	27 Nos. With 4387.8 m
Borehole Spacing (Density)	50m x 50m
<b>4. Quantity of Minerals (Grade-wise)</b>	
Mineral 1, Mineral 2, Mineral 3 ..... Mineral n	Gold Ore
Total Geological Resources (Reserves)	1.162 Million tonnes @ 2.12 g/ton
Other metals	Silver: 1.162 tonnes, Copper: 232.4 tonnes, Lead: 581 tonnes, Zinc: 1859 tonnes, Nickel: 2905 tonnes & Quartz as minor mineral: 1.162 million tonnes.
<b>5. Mineralised Zones</b>	
Number of Mineral Zones	Eight lodes at different horizons and designated as A, B, C, D, E, F, G & H
Trend (Dip and Strike)	N45 <sup>o</sup> -65 <sup>o</sup> E to S45 <sup>o</sup> 65 <sup>o</sup> W Strike Dip from 50 <sup>o</sup> to 70 <sup>o</sup> in NW direction
Total Thickness	Avg. Thickness of 14.65m
<b>6. Accessibility</b>	
Nearest Rail Head	Manoharpur at 20km
Road	6km from Anandpur
Airport	125km from Tatanagar & 197kms from Ranchi
<b>7. Hydrography</b>	
Local Surface Drainage Pattern (Channels)	The main drainage of the area is controlled by river Koel which flows 3 km east of Pahadia block. Numerous seasonal nala & rivulets flow only during monsoon.
Rivers/Streams	River Koel which flows 3 km east of Pahadia

<b>8.</b>	<b>Climate</b>	
	Mean Annual Rainfall	2100mm
	Temperatures (December)	5 <sup>0</sup> C
	Temperatures (June)	48 <sup>0</sup> C
<b>9.</b>	<b>Topography</b>	
	Topo Sheet Number	73F/2 & 73F/3 OPEN SERIES NO. F45H2 & F45H3
	Morphology of the Area	The highest & lowest elevation is 402m & 268m respectively.

**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)	-do-
3.	Environmental clearance	-do-
4.	Consent to establish	-do-
5.	Explosive license	-do-
6.	Permission for mine opening	-do-
7.	Permission of installation/ trial operation of equipment	-do-
8.	Ground water clearance (Centre/State)	-do-
9.	Railway siding approval	-do-
10.	Approval for diesel storage	-do-
11.	Power line from State Discom	-do-
12.	Clearances relating to work under an existing transmission line or shifting of the transmission line	-do-
14.	Mining plan	-do-
15.	Permission for entry into the land under MCR 1960 etc	-do-
16.	Any other statutory permissions required	-do-

**PART C – PARTICULARS OF LAND**

	<b>Area</b>	<b>Details</b>	
		<b>As per DGPS/ETS survey</b>	<b>Land area As per Revenue Record</b>
1.	Total Concession Area	279.609 Ha	272.651 Ha
2.	Forest Land with Status		14.202 Ha
3.	Government Land with Status		49.572 Ha
4.	Private Land with Status		206.801 Ha
5.	Unavailable		2.076 Ha
6.	Revenue survey details of the area	DGPS survey report enclosed.	