JAMKHANI COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1.	**Location**	
	Coal Block	**Jamkhani**
	Latitude	22° 5' 7" N to 22° 7' 5" N (Provisional)
	Longitude	83° 33' 44" E to 83° 36' 1" E (Provisional)
	Topo Sheet No.	64 N/12
	Coalfield	IB Valley
	Villages	Jamkhani, Mendra, Girsima, Jharpalam (As per SOI Toposheet)
	Tehsil/Taluka	Hemgir
	District	Sundargarh
	State	Odisha
2.	**Connectivity with Block**	
	Nearest Rail Head	The nearest railway station is Hemgiri on Mumbai-Howrah Main line of S.E. railway, located south of the block at a distance of 30 km. from the block.
	Road	The area is not well connected to main townships. Approachability within the block is also very poor. Some parts of the block particularly in the northern and north-eastern region are not accessible at all.
3.	**Area**	
	Geological Block Area	10.01 sq.km (As per shape file; Refer Note at the end)
	Forest Area	Approx 10% (as per FSI map)
	Non-Forest Area	Approx 90% (as per FSI map)
4.	**Climate and Topography**	
	Average Annual Rainfall	1500 mm
	Temperature (Min. — Max.)	3°C-42°C
	Local Surface Drainage Channels	The drainage of the area shows the dendritic pattern. A tributary to Bendra Nadi, flowing westerly joins the Bendra Nadi near the western boundary. Small nalas and rivulets flowing from different directions drain into tributary of Bendra Nadi.
	Rivers	Bendra Nadi

5.	**Exploration**	
	Status	Explored
	Exploration Agency	MECL
	Total Number of Boreholes with meterage	61 Boreholes; 9474.60 m
	Borehole Density	Approx. 6 Boreholes/sq.km.
	General Dip of Seams	Strata dip towards south. The variation in inclination of beds is 3°-6°. In general, the gradient of strata increases towards south.
	General Strike Direction	General strike of the beds is WNW-ESE, which shows minor swing due to rolling dip.

6. Coal Seams & Reserve

Number of Coal Seams	Thickness Range (m)	Depth Range (m) (Floor)	Geological Reserve (MT)	Grade	
				As in GR	GCV Range
Lajkura IV Top	1.85-4.82	11.20-109.47	14.1190	F-G	G11 – G14
Lajkura IV Bot	0.70-2.12	12.65-113.85	2.7979	D-G	G7 – G14
Lajkura III	0.15-0.95	-	-	-	-
Lajkura II T2	0.25-1.07	-	-	D-E	G7 – G10
Lajkura II (T1+T1A+Bot) + Lajkura I	26.82-40.10	17.10-189.50	161.4987	F-G	G11 – G14
Rampur V	0.36-3.64	31.35-247.35	12.6925	D-G	G7 – G14
Rampur IVB	0.10-1.20	-	-	E	G9 – G10
Rampur III A	0.05-0.65	-	-	-	-
Rampur III Top	0.34-1.30	-	-	F-G	G11 – G14
Rampur III Bot	0.26-2.10	66.00-296.50	4.7821	F-G	G11 – G14
Rampur II+I	1.05-4.00	129.90-326.33	26.2352	C-E	G6 – G10
Total			**222.125**		

7.	**Surface Constraints**	NA

- **The coal grades based on UHV have been converted to GCV grades as per Coal Directory of India 2016-17 by CCO.**

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name and Address of Allotee	Bhushan Ltd, 4th Floor, Tolstoy house, Tolstoy marg New Delhi 110001
2.	**Target Capacity as per Mining Plan**	2.6 MTPA
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	Approved on 14/07/2006
	Forest Clearance	F no. 8-40/2008-FC Date: 20/12/2012
	Environmental Clearance	J-11015/322/2007-1A.II(M) Date: 24/09/2008 and safety zone vide letter no 8-40/2008/FC Date: 26/04/2013
	Mining Lease	Applied on 17/06/2005, Pending with Government of Orissa
	Land Acquisition	957.23 Ha
	No. of PAFs as per Mining Plan/ Mine Closure Plan	660 PAF
4.	Surface Infrastructure already built, if any.	Pit Site office, Boundary of coal Block Area, R&R Colony, Workshop with Steel Structure etc.

Note:

1. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.

2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.

3. There may be a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.