SAYANG COAL BLOCK SUMMARY
PART A

Sr. No	Features	Details
1.	**Location**	
	Coal Block	**Sayang Block**
	Latitude	22^0 35' 49'' to 22^0 37' 55'' N (Provisional)
	Longitude	83^0 2' 2'' to 83^0 05' 50'' E (Provisional)
	Topo Sheet No.	64 N/2
	Coalfield	Mand-Raigarh Coalfield
	Villages	Amaldiha & Chhirhut.(As per SOI Toposheet)
	Tehsil/Taluka	
	District	Korba and Raigarh Districts.
	State	Chhattisgarh
2.	**Connectivity with Block**	
	Nearest Rail Head	Nearest Rail Head is Korba about 75 kms. Southwest on Bombay-Nagpur-Howrah route of South Eastern Railway.
	Road	The Korba town is situated about 70 km southwest of block. It is connected by a 15 km stretch of metalled road up to Pawan and further extended by a fair weather forest road via village Korkuma negotiating through a number of seasonal and perennial nalas up to village Amaldiha which mark the northern most approached limit of the block. The block can also approached from Urga on the Korba-Champa via Kudmura covering distance of approximately 85kms.
	Airport	Raipur airport distance from block around 110 km.
3.	**Area**	
	Geological Block Area	12.51 Sq.Km (As per shape file. Refer Note at the end)
	Forest Area	9.37 Sq.Km
	Non-Forest Area	3.14 Sq.Km
4.	**Climate and Topography**	
	Average Annual Rainfall	NA
	Temperature (Min. — Max.)	NA
	Local Surface Drainage Channels	Geomorphologically area is characterized by a number of isolated valleys surrounded by high hills in west and north. The minimum and maximum elevations of the block ranges from 600m in the western part and 313m in the eastern part above MSL. The general slope southeast to southward. In the area drainage system developed in dendritic pattern with streams flowing towards southeast to southward, with the general slope and ultimately join with major nalas, which in turn debauch in Mand River.

	Rivers	The branches of Gopal Nala passes in the central part of the block.			
5.	**Exploration**				
	Status	Regionally Explored (The block falls under the regional exploration under promotional programme carried out by MECL in Syang-Boro block, June 2000).			
	Exploration Agency	MECL			
	Total Number of Boreholes with meterage	5 bhs with drilled meterage of 1235.60 m (MECL); Proposed Meterage to be drilled: 19000m			
	Borehole Density	0.39 bhs/Sq.km			
	General Dip of Seams	The general dip varies from 2^0 to 6^0. In the northern half of the block the bed exhibit varying dip from $4^0 – 6^0$ towards southwest in the region of boreholes MNPS- 36, 20, 23 & 52.(As per Regional GR data)			
	General Strike Direction	The strike of Northern part of the Block varies from E-W in the northwestern part in the region of MNPS-36, 20 & 52 and then to NNW-SSE in the northeastern part. (As per Regional GR data)			
6.	**Coal Seams & Reserve**				
	Number of Coal Seams	Thickness Range (m)	Depth Range (m) (Floor)	Geological Reserve (MT)	Grade
	IX	0.50-0.71	23.00-49.22	**150**	NA
	VII	0.16-0.63	68.65-104.96		
	VI	0.13-0.16	101.76-130.02		
	V (IN MNPS-36 ONLY)	0.2	219.83		
	IV	6.86-8.82	218.32-246.68		
	IV TOP (IN MNPS-20 ONLY)	0.60	17.54		
	IV BOT (IN MNPS- 20 ONLY)	0.80	20.09		
	IIIA	0.98-1.64	34.42-364.14		
	III TOP(IN MNPS-44 ONLY)	3.00	248.48		
	III BOT (IN MNPS-44 ONLY)	3.08	253.00		
	III	6.37-7.04	52.70-279.79		
	II	1.17-2.07	267.82-292.71		
	L-5	0.82-1.00	96.67-321.75		
	IIA	0.29-1.30	34.47-344.09		
	I	0.07-0.58	153.78-372.43		
	L-4 (IN MNPS-36 ONLY)	0.06	389.91		
	L-3	0.19-1.02	130.22-398.90		
	L-2 (IN MNPS-31 ONLY)	0.03	161.39		
	L-1 (IN MNPS-20 ONLY)	0.41	227.26		
		Total			
7.	**Surface Constraints**	Jaldega reserve forest falls in the block, Highly hilly terrain.			
8.	**Grade of the block**	G9 (Provisional) based on weighted average grade assessed on the basis of data available from larger regionally explored block on Sayang Boro.			

Reference:

GR on Regional exploration for coal Sayang-Boro block, Trans-Mand sector, Mand Raigarh coalfield, district – Korba & Raigarh, Madhya Pradesh, MECL, 2000.

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name of Allocatee	AES Chhattisgarh Energy Pvt. Ltd.
2.	**Status of Mineral Exploitation**	--
3.	**Status of Clearances/Approvals**	--

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 is 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.

4. The data and block boundary inferred from the above Regional GR is provisional as there is no specific GR for Sayang block. No specific area of the referred block has been mentioned in the Regional GR of Sayang Boro block, MECL, hence the provisional area as derived from the shape file of the block has been mentioned in the present summary.