

## Corrigendum to Mine Summary

***(This supersedes earlier uploaded mine summary)***

### **GARE PELMA IV/2 & IV/3 MINE**

#### **PART A**

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>			
<b>1.</b>	<b>Location</b>				
	Coal Field	Mand Raigarh Coalfield			
	Latitude	22°09'15" N & 22°05'44" N			
	Longitude	83°29'46" E & 83°32'32" E			
	Villages	2 villages within the block and land of 8 villages constitute the block and lease			
	Tehsil/ Taluka	Ghargoda			
	District	Raigarh			
	State	Chhattisgarh			
<b>2.</b>	<b>Area</b>				
	Geological Block Area	9.55 Sq km			
	Project Area				
	Mining Lease Area	964.65 hectares			
	Forest Area	48.20 hectares (out of Mining Lease Area)			
	Non Forest Area	916.45 hectares (out of Mining Lease Area)			
<b>3.</b>	<b>Exploration</b>				
	Status of Exploration	Explored			
	Exploration Agency	GSI, Mining Associates (P) Ltd, CDS-Geotech India Pvt Ltd, M/s George Thomas			
	Total Number of Boreholes	54			
	Boreholes Meterage	14763.30m			
	Borehole Density	6 boreholes per Sq km.			
<b>4.</b>	<b>Amount of Coal</b>				
	Geological Reserves	246.84 MT (OC: 178.87 MT, UG: 67.97 MT)			
	Mineable Reserves	187.19 MT (OC: 160.00 MT, UG: 27.19 MT)			
	Extractable Reserves	187.19 MT (OC: 160.00 MT, UG: 27.19 MT)			
	Seam Wise Reserve (From Seam VII to X as per Mine Plan and from Seam II to IV as per GR of Jindal Steel Power by Sreeram Gemcon, March 2006))	<b>Seam</b>	<b>Geological (MT)</b>	<b>Mineable (MT)</b>	<b>Method</b>
		X	17.37	15.63	OC
		XA			
		IX	55.70	49.83	UG
		VIII	49.27	44.14	
		VII	56.53	50.40	
		IV	23.87	9.55	
		III	15.08	6.03	
	II	29.02	11.61		
	Average Stripping Ratio	3.51			

<b>5.</b>	<b>Coal Seams</b>			
	Dip of Seam	2 <sup>o</sup> -6 <sup>o</sup>		
	Direction of Strike	NW-SE in western part; WNW-ESE in the south eastern part		
	Thickness of Coal Seams (As per the Mine Plan of Jindal Power Ltd.September,2000)	Coal Seam	Generalised thickness range(m)	
		X	1-2	
		XA	2-3	
		IX	4-6	
		VIII	3-4	
		VII	2-4	
		IV	2-3	
		III	1.5-3	
	II	4-5		
	Partings(As per the Mine Plan of Jindal Power Ltd.September,2000)	Between Seams	Usual (in metres)	
		Parting between X and XA	0.98-6.60	
		Parting between XA and IX	38.22-51.80	
		Parting between IX and VIII	1.17-6.37	
		Parting between VIII and VII	7.87-21.85	
		Parting between VII and VI	9.30-16.22	
		Parting between V T and V M	1.87-17.70	As per GR of M/s Jindal Steel
		Parting between V M and V B	1.41-16.56	
		Parting between V B and IV	28.38-46.19	
		Parting between IV and III T	43.58-76.57	
		Parting between III T and III B	0.50-1.09	
	Parting between III B and II	34.23-55.64		
	Faults (As per GR of M/s Jindal Steel)	Name of Fault	Throw (m)	
		F1-F1	0-15	
		F2-F2	20-25	
<b>6.</b>	<b>Grade</b>			
	Grade	Seam	Range	
		X	G	As per Mine Plan of Jindal Power Ltd. September 2007
		XA	F	
		IX	E	
		VIII	G	
		VII	G	
		IV	G-F	As per GR
		III	E-F	
	II	D-C		
<b>7.</b>	<b>Accessibility</b>			
	Nearest Rail Head Distance	Raigarh Railway Station at a distance of 55 km on Howrah-Mumbai railline		
	Road	Raigarh at a distance of 55 km		
	Airport Distance	Raipur Airport ( Approx. 300.0Km)		
<b>8.</b>	<b>Hydrography</b>			
	Local Surface Drainage Channels	Bendra nala in the nort-western part of the block		

	Rivers/ Nala	Kelo river in the western part of the block
<b>9.</b>	<b>Climate</b>	
	Average Annual Rainfall	1258 mm
	Temperatures (Winter)	5° C
	Temperatures (Summer)	Up to 42 ° C
<b>10.</b>	<b>Topography</b>	
	Topo Sheet Number	64 N/12
	Nature of Surface Land	Undulating; 250m-295m above MSL
<b>11.</b>	<b>Other Infrastructure</b>	(As per Annexure-I)
	Coal Handling Plant Capacity	2 x 1000 tph (Existing)
	Coal Washery Capacity	4.75 Mtpa (Existing)
	Transport from Mine	7 Km Cross Country Conveyor (Existing)
	Power Supply	Power from JPL power plant through 33 kV line

**PART B (for Schedule II Mines only)**

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>
<b>1.</b>	<b>Previous Allocation</b>	
	Name of Allocatee	Jindal Power Ltd
	Address	Jindal Center, 12 Bhikaji Cama Place, New Delhi 110066
	Nature of End Use	Power
<b>2.</b>	<b>Status of Mineral Exploitation</b>	
	Method of Mining	Opencast & Underground mining
	Coal Extracted	31.70 MT ( till 31.03.2014) as per Annexure-I
	Rated Capacity	OC: 5.5 Mtpa UG: 0.75 Mtpa TOTAL:6.25 Mtpa
	Mining Agency	Own Operations
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan(Reference to Grant)	No 13016/3/2000-CA dated January 25, 2001 (original plan) Revised plan approved on 03.08.2009 vide letter 13016/3/2000-CA-I
	Forest Clearance(Reference to Grant)	Forest diversion permission obtained from MoEF vide F.No. 8-95/2003-FC dt. 06.09.2004
	Environmental Clearance(Reference to Grant)	No.J-11015/288/2007-IA.II(M) dated June 12, 2012
	Land Required	964.65 hectares (as per Annexure-I)
	Land Acquired	874.507 hectares (as per Annexure-I)

Note: The above data is compiled from Geological Report, Mining Plan, Mine Closure Plan, Environmental Clearance and Forest Clearance and the data furnished by the prior allottee in Annexure-I. For clarifications with regard to above data, please refer aforesaid source documents.