

## Corrigendum to Mine Summary

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

### **AMELIA NORTH MINE**

#### **PART A**

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>																		
<b>1.</b>	<b>Location</b>																			
	Coal Field	Singrauli Coalfield																		
	Latitude	24°07'32" N & 24°08'37" N																		
	Longitude	82°24'25" E & 82°26'45" E																		
	Villages	Amelia																		
	Tehsil/ Taluka	Singrauli																		
	District	Sidhi																		
	State	Madhya Pradesh																		
<b>2.</b>	<b>Area</b>																			
	Geological Block Area	500 hectares (As per Geological Report)																		
	Project Area	898.33 hectares (Information submitted by the allottee to Coal Controller)																		
	Mining Lease Area	728.75 hectares																		
	Forest Area	728.75 hectares (Total Lease Area)																		
	Non Forest Area	169.58 hectares (Information submitted by the allottee to Coal Controller)																		
<b>3.</b>	<b>Exploration</b>																			
	Status of Exploration	As per the details below																		
	Exploration Agency	MECL, GSI																		
	Total Number of Boreholes	27 (GR March 2003)																		
	Boreholes Meterage	8060.35 (GR March 2003)																		
	Borehole Density	3 to 8 boreholes per sq. km (As per Geological Report)																		
<b>4.</b>	<b>Amount of Coal</b>																			
	Geological Reserves	119.54 MT (for all seams)																		
	Mineable Reserves																			
	Mineable/Extractable Reserves	70.28 MT (VIII & VII seam)																		
	Seam Wise Reserve	<table border="1"><thead><tr><th>Seam</th><th>Geological (MT)*</th><th>Mineable (MT)</th></tr></thead><tbody><tr><td>VIII</td><td>3.41</td><td rowspan="7">70.28</td></tr><tr><td>VII</td><td>81.99</td></tr><tr><td>VI</td><td>10.18</td></tr><tr><td>V (Top)</td><td>0.74</td></tr><tr><td>V (Comb)</td><td>13.67</td></tr><tr><td>IV</td><td>1.39</td></tr><tr><td>III (Bot)</td><td>8.16</td></tr></tbody></table>	Seam	Geological (MT)*	Mineable (MT)	VIII	3.41	70.28	VII	81.99	VI	10.18	V (Top)	0.74	V (Comb)	13.67	IV	1.39	III (Bot)	8.16
Seam	Geological (MT)*	Mineable (MT)																		
VIII	3.41	70.28																		
VII	81.99																			
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V (Top)	0.74																			
V (Comb)	13.67																			
IV	1.39																			
III (Bot)	8.16																			
		<i>* Mine plan approved for Seam VIII and VII only</i>																		
	Average Stripping Ratio	8.44																		

<b>5.</b>	<b>Coal Seams</b>		
	Dip of Seam	3 <sup>0</sup> -10 <sup>0</sup> westerly	
	Direction of Strike	NNE-SSW in major part	
	Thickness of Coal Seams	Coal Seam	Range (Mtrs)
		VIII	0.55-2.56
		VII	12.03-15.73
		VI	0.21-2.66
		V (Top)	1.11-1.66
		V (Bottom)	0.08-0.40
		V (Comb)	0.65-4.16
		IV	0.05-2.09
		III Top	0.04-0.53
		III Bottom	0.40-3.48
	Partings	Between Seams	Usual (in metres)
		Parting between VIII and VII	14.4-28.40
		Parting between VII and VI	33.04-42.34
		Parting between VI and V Top	18.00-23.02
		Parting between V Top and V Bot	1.10-2.02
		Parting between VI and V Comb	19.00-25.65
		Parting between V C and IV	21.47-37.04
		Parting between V B and IV	28.8-30.49
		Parting between IV and III Top	25.40-43.30
		Parting between III Top and III Bot	3.34-20.54
	Faults	Name of Fault	Throw (m)
		F1-F1	15-30
		F2-F2	15-20
<b>6.</b>	<b>Grade</b>		
	Grade	Seam	Range
		VIII	E-G
		VII	D-F
		VI	C-E
		V Top	B-E
		V Comb	B-F
		IV	B-F
	III B	B-F	
<b>7.</b>	<b>Accessibility</b>		
	Nearest Rail Head Distance	Majhauri Railway Station at a distance of 4.5 km	
	Road	Singrauli at a distance of 37 km, 17 km from Bargawan, 23 km from Rajmelan	
	Airport Distance	Varanasi at a distance of 250 km	
<b>8.</b>	<b>Hydrography</b>		
	Local Surface Drainage Channels	Kanchan Nadi flowing through the lease along the northern side joins River Mahan	

	Rivers/ Nala	Mahan River flows along the western side of the lease.
<b>9.</b>	<b>Climate</b>	
	Average Annual Rainfall	Deosar: 1319.6 mm; Singrauli: 799.8 mm
	Temperatures (Winter),	17.3-30.3 °C
	Temperatures (Summer),	29.3-42.2 °C
<b>10.</b>	<b>Topography</b>	
	Topo Sheet Number	63 L/8
	Nature of Surface Land	Undulating; 390m-489.12m above MSL
<b>11.</b>	<b>Other Infrastructure</b>	
	Coal Handling Plant Capacity	Designed for 1200 TPH & 6000 T Silo & RLS (3000-6000 TPH) (Refer Annexure-5 from prior allottee)
	Coal Washery Capacity	No
	Transport from Mine	Rail/ Road transport
	Power Supply	33 KV power is being received from Bargawan Sub Station through 10.5 Km long OHTL (Refer Annexure-5)

**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	Madhya Pradesh State Mining Corporation Ltd (MPSMCL)
	Address	Paryavas Bhavan, Block No.1(A), Second Floor, Jail Road, Arera Hills, Bhopal-462011
	Nature of End Use	Power
<b>2.</b>	<b>Status of Mineral Exploitation</b>	
	Method of Mining	Opencast mining All seams VI and below are proposed to be taken by Underground method. Development work for underground mining is proposed to be undertaken during last 5 years of opencast method of mining for upper seams. Underground planning will be taken up later. (As per Mining Plan, June 2006)
	Coal Extracted	0.0046 MT ( till 31.03.2014)
	Rated Capacity	2.8 MTPA
	Mining Agency	Jaiprakash Associates Ltd (JV partner cum MDO)
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan(Reference to Grant)	No 13016/3/2003-CA-I dated November 14, 2006
	Forest Clearance(Reference to Grant)	Letter No.- F No. 8-80/2007-FC. Dated: 30.11.2012 from MoEF
	Environmental Clearance(Reference to Grant)	No.J-11015/355/2006-IA.II(M) dated July 20, 2007
	Land Required	898.33 hectares
	Land Acquired	898.33 hectares

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.