

## Corrigendum to Mine Summary

*(This supersedes earlier uploaded mine summary)*

### GARE PALMA IV-5 MINE

#### PART A

Sr. No.	Features	Details		
<b>1.</b>	<b>Location</b>			
	Coal Field	Mand Raigarh Coalfield		
	Latitude	22°08'55" N & 22°10'53" N		
	Longitude	83°30'11" E & 83°33'47" E		
	Villages	Kondkel, Lamdarka, Milupara		
	Tehsil/ Taluka	Garghoda		
	District	Raigarh		
	State	Chhattisgarh		
<b>2.</b>	<b>Area</b>			
	Geological Block Area	860.416 Ha (As per EC) (Lease area as per mining plan- 828.26 Ha)		
	Project Area	828.26 Ha(As per Mining Plan)		
	Mining Lease Area	828.26 hectares		
	Forest Area	289.26 hectares		
	Non Forest Area	538.99 hectares		
<b>3.</b>	<b>Exploration</b>			
	Status of Exploration	Explored		
	Exploration Agency	GSI,M/S GEM Consultants		
	Total Number of Boreholes	32		
	Boreholes Meterage	2924 m		
	Borehole Density	3.85 per square km		
<b>4.</b>	<b>Amount of Coal</b>			
	Geological Reserves	99.615 MT(As per Mining plan)		
	Mineable Reserves	86.542 MT(As per Mining plan free reserve)		
	Extractable Reserves	50 MT (As per Mining Plan)		
	Seam Wise Reserve	Seam	Geological (MT)	Mineable (MT)
		III	22.68	20.62
		II	60.36	51.78
		I	16.57	14.14
<b>5.</b>	<b>Coal Seams</b>			
	Dip of Seam	1:15		
	Direction of Strike	E-W		
	Coal Seams	Coal Seam	Usual	
		V	1.60	
		IV	1.43-2.85	
		III	0.75-3.15	

		II I	1-8.10 0.20-3.41
	Partings	Average Thickness (in metres)	Usual
		Hard OB	
		Parting between V and IV	19-35.5
		Parting between IV and III	64.75-69.05
		Parting between III and II	40.6-59.67
		Parting between II and I	26.86-56
	Faults	Name of Fault	Throw (m)
		F1-F1	Unknown
		F2-F2	30
		F2A-F3A	10
		F3-F3	10-15
		F4-F4	25
		F5-F5	5-20
		F6-F6	45
<b>6.</b>	<b>Grade</b>		
	Grade	Seam	Range
		III	E
		II	B-D
		I	A-D
<b>7.</b>	<b>Accessibility</b>		
	Nearest Rail Head Distance	Howrah-Bombay Line of SE Railway, 40 km	
	Road	Raigarh-Ambikapur Highway, 25 Km	
	Airport Distance	Raipur	
<b>8.</b>	<b>Hydrography</b>		
	Local Surface Drainage Channels	Dumar and Bandra Nalas collect water from slopes of terrain and discharge in Kelo River	
	Rivers/ Nala	Kelo River towards west of the mine	
<b>9.</b>	<b>Climate</b>		
	Average Annual Rainfall	1500 mm	
	Temperatures (Winter)	7°C (min)	
	Temperatures (Summer)	48°C (max)	
<b>10.</b>	<b>Topography</b>		
	Topo Sheet Number	64 N/8	
	Nature of Surface Land	Undulating Topography	
<b>11.</b>	<b>Other Infrastructure</b>		
	Coal Handling Plant Capacity	Yes	
	Coal Washery Capacity	No	
	Transport from Mine	From coal handling plant the coal tippers would be loaded for onward transportation to the consumption point.	
	Power Supply	3.5 MW CPP	

**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	Monnet Ispat Ltd.
	Address	M/s. Monnet Ispat Ltd., Mandir Hasaud, Raipur-493101 M.P.
	Nature of End Use	Sponge Iron
<b>2.</b>	<b>Status of Mineral Exploitation</b>	
	Method of Mining	Underground Mining
	Coal Extracted	7.57 Million Tonne ( till 31.03.2014)
	Mine Plan Extraction Rate	1 MTPA
	Average Stripping Ratio	Not Applicable
	Mining Agency	Not Available
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan(Reference to Grant)	Not mentioned
	Forest Clearance(Reference to Grant)	No.8-69/98 dated 11.08.2000
	Environmental Clearance(Reference to Grant)	No. J-11015/8/98-IA.II(M) dated 31-08-2000
	Mining Lease (Reference to Grant)	Not Available
	Land Required	748.56 Ha
	Land Acquired	35.27 hectares
	R&R Plan Approval	Not Applicable as per Mining plan.
	R&R Plan Achievement	Compensation to the 14 land losers required (as per Environmental Clearance) as per the State govt. norms.

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.