

Corrigendum to Mine Summary

(This supersedes earlier uploaded mine summary)

GARE PALMA IV/7 MINE

PART A

Sr. No.	Features	Details		
1.	Location			
	Coal Field	Mand Raigarh Coalfield		
	Latitude	22°09'03" N & 22°10'24" N (As per GR of GEMICON, June 2001)		
	Longitude	83°28'04" E & 83°29'53" E(As per GR of GEMICON, June 2001)		
	Villages	Karwahi, Khamaria, Karuwahi, Bajarmuda & Saraitola		
	Tehsil/ Taluka	Gharghora		
	District	Raigarh		
	State	Chattisgarh		
2.	Area			
	Geological Block Area	420 hectares		
	Project Area	420 hectares		
	Mining Lease Area	335.736 ha as per EC		
	Forest Area	not involved as per EC		
	Non Forest Area	414.902 hectares		
3.	Exploration			
	Status of Exploration	Explored		
	Exploration Agency	M/s Gemicon		
	Total Number of Boreholes	20		
	Boreholes Meterage	2088.90 m		
	Borehole Density	5/ sq km		
4.	Amount of Coal			
	Geological Reserves	67.149 MT (proved)		
	Mineable Reserves	60.47 MT		
	Extractable Reserves	56.62 MT (Phase I: 31.05 MT (in first 30 years); Phase II: 25.57 MT)		
	Seam Wise Reserve	Coal Seam	Geological Reserve (MT)	Mineable (MT)
		IX	17.036	60.47
		VIII	19.291	
		VII	14.166	
		VI	16.656	
	Average Stripping Ratio	3.36		
5.	Coal Seams			
	Dip of Seam	2°-3°		
	Direction of Strike	NW-SE		

	Thickness of Coal Seams	Coal Seam	Range (Mtrs)
		IX L2	0.80
		IX L1	0.55-1.05
		IX	4.20-5.40
		VIII	2.23-6.38
		VII	1.34-6.86
		VI	2.20-5.78
		V	3.60-4.15
		IV	2.65-4.50
		III	2.85-3.75
		II	6.25-6.65
		I L1	1.80-2.05
		I	0.95-7.25
	Partings	Between Seams	Usual (in metres)
		Parting between IX L2 and IX L1	17.15
		Parting between IX L1 and IX	14.10-27.65
		Parting between IX and VIII	8.45-14.40
		Parting between VIII and VII	10.20-17.58
		Parting between VII and VI	2.71-12.25
		Parting between VI and V	36.13-41.15
		Parting between V and IV	39.05-43.35
		Parting between IV and III	67.40-70.95
		Parting between III and II	46.80-48.90
		Parting between II and I L1	19.20-19.95
		Parting between I L1 and I	18.70-38.30
	Faults (As per GR of GEMICON, June 2001)	Name of Fault	Throw (m)
		F1-F1	30
		F2-F2	25
		F3-F3	3
6.	Grade		
	Grade (As per GR of GEMICON, June 2001)	Coal Seam	Range
		IX	E-F
		VIII	G
		VII	G
		VI	G
7.	Accessibility		
	Nearest Rail Head Distance	Raigarh at a distance of 50 km	
	Road	Connected to Raigarh Ambikapur state highway	
	Airport Distance		
8.	Hydrography		
	Local Surface Drainage Channels	Local seasonal nalas leading to sub dandretic drainage pattern	
	Rivers/ Nala	Kelo Nadi & Pajhar Nadi	
9.	Climate		
	Average Annual Rainfall	1401.37 mm	
	Temperatures (Winter)	Min 10 degree C	

	Temperatures (Summer)	Up to 48° C
10.	Topography	
	Topo Sheet Number	64 N/08 (Survey of India)
	Nature of Surface Land	Undulating; 266.7m-305.7m above MSL
11.	Other Infrastructure	
	Coal Handling Plant Capacity	200 TPH (Existing) – As per Annexure-I
	Coal Washery Capacity	0.96 MTPA (Existing)- As per Annexure-I
	Transport from Mine	By truck transport up to washery. By Rail from Bhupdeor Siding.
	Power Supply	2.5 MVA Transformer (Washery) & 500 KVA Transformer (Mines)

PART B (for Schedule II Mines only)

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	Raipur Alloys & Steel Ltd – as per MP & EC
	Address	P-49, Industrial Area, Urkura (Opp. Urkura Railway Station) PO: Birgaon-493221 Raipur (CG) – as per MP & EC
	Nature of End Use	Sponge Iron & captive Power plant.
2.	Status of Mineral Exploitation	
	Method of Mining	Opencast mining
	Coal Extracted	3.64 MT (till 31.03.2014)
	Rated Capacity	1.20 MTPA (PRC)
	Mining Agency	M/s Sainik Mining & Allied Services Ltd.
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	Mining Plan approved by MoC on 06.02.2003
	Forest Clearance(Reference to Grant)	Not applicable
	Environmental Clearance(Reference to Grant)	No.J-11015/37/2004-IA.II(M) dated September 30, 2005
	Land Required	420.0 hectares (As per Annexure-I)
	Land Acquired	352.848 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.