

Corrigendum to Mine Summary

(This supersedes earlier uploaded mine summary)

GARE PALMA IV/4 MINE

PART A

Sr. No.	Features	Details		
1.	Location			
	Coal Field	Mand-Raigarh Coalfield		
	Latitude	22°7'40" N & 22°10'20" N		
	Longitude	83°31'16" E & 83°33'43" E		
	Villages	Banjikhola, Bankheta, Dongamahua		
	Tehsil/ Taluka	Gharghora		
	District	Raigarh		
	State	Chhattisgarh		
2.	Area			
	Geological Block Area	8.75 Sq.km (as per Mining Plan)		
	Project Area	730.65 Ha (701.51 Ha within the block as per EC and 29.14 Ha as Annexure-I)		
	Mining Lease Area	884.84 hectares (As per Mining Plan)		
	Forest Area	419.88 hectares (183.334 Ha forest land surrendered due to non-coal bearing area.-As per Annexure-I)		
	Non Forest Area	464.95 hectares		
3.	Exploration			
	Status of Exploration	Explored		
	Exploration Agency	GSI & JNIL		
	Total Number of Boreholes	52		
	Boreholes Meterage	4925.35 m		
	Borehole Density	5.87 per square km (6.0 BH/Sqkm as per GR)		
4.	Amount of Coal			
	Total Geological Reserves	38.84MT(Net Proved Geological Reserve)		
	Total Extractable Reserves	15.396 MT (For OC-5.60 MT, For UG -9.796 MT)		
	Seam Wise Reserve		Net Proved Geological (MT)	Extractable Re (MT)
		Seam		
		IV	4.59	1.13
		III	6.33	1.77
		II	27.91	12.493
	Average Stripping Ratio	6.4 (As per Mining Plan)		
5.	Coal Seams			
	Dip of Seam	3 to 4 degrees		
	Direction of Strike	NE-SW which gradually swings to NW-SE in the south central part		
	Coal Seams	Average Thickness (in metres)	Usual	

		V top	0.25-0.90
		V Middle	0.76-0.91
		V Bottom	0.54-0.99
		IV	0.90-2.66
		III	0.15-6.08
		II	0.75-8.25
		I	0.22-1.90
	Partings	Average Thickness (in metres)	Usual
		Hard OB	
		Parting between V Top and V Middle	2.03-4.97
		Parting between V Middle and V Bottom	2.73-5.65
		Parting between V Bottom and IV	26.65-33.60
		Parting between IV and III	61.13-73.53
		Parting between III and II	26.92-44.11
		Parting between II and I	13.06-29.52
	Faults	Name of Fault	Throw (m)
		F1-F1	5.0-20.0
		F2-F2	15.0-30.0
		F3-F3	0-12.0
		F4-F4	45.0
		F5-F5	15.0-40.0
		F6-F6	15.0
6.	Grade		
	Grade	Seam	Grade
		IV	E-F
		III	D-F
		II	B-F
7.	Accessibility		
	Nearest Rail Head Distance	Raigarh at a distance of 55 km	
	Road	Bilaspur- Raigarh (SH No.1)	
	Airport Distance	Raipur at 300km	
8.	Hydrography		
	Local Surface Drainage Channels	Drainage of the area controlled by the Dumer Nala and Bendra Nala discharging into Kelo River	
	Rivers/ Nala	Kelo River	
9.	Climate		
	Average Annual Rainfall	2200 mm maximum rainfall observed in 1994	
	Temperatures (Winter)	7 deg (min)	
	Temperatures (Summer)	48 deg (max)	
10.	Topography		
	Topo Sheet Number	64 N/12	
	Nature of Surface Land	Hilly Terrain	
11.	Other Infrastructure		

	Coal Handling Plant Capacity	To the extent of bringing UG coal to Bunker(As per Annexure-I)
	Coal Washery Capacity	Non Existing (As per Annexure-I)
	Transport from Mine	
	Power Supply	<ul style="list-style-type: none"> • 11 kV line with connected demand of 1 MVA from CSPDCL • Fully Equipped DG set

PART B (for Schedule II Mines only)

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	M/s Jayaswal Neco Industries Ltd.
	Address	F8-MIDC Industrial Area, Hingna Road, Nagpur-440016
	Nature of End Use	Sponge Iron Plant
2.	Status of Mineral Exploitation	
	Method of Mining	Opencast and Underground Mining
	Coal Extracted	1.72 M.T (OC), 1.38 MT(UG) (as on 31.3.2014)
	Rated Capacity	1 MTPA (0.40 Mtpa by OC & 0.6 Mtpa-UG)
	Mining Agency	Jayaswal Neco
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	No. 13016/5/2000-CA/CA-1 dated 11-07-2007
	Forest Clearance(Reference to Grant)	Forest clearance for Underground Mining Obtained No.8-112/2002-FC dated 09.06.2003
	Environmental Clearance(Reference to Grant)	No. J-11015/11/2002-IA.II(M) dated 31-12-2007
	Mining Lease (Reference to Grant)	
	Land Required	730.65 hectares
	Land Acquired	282.29 hectares
	R&R (PAFs)	Banjikhhol village-55, Bankheta village-08 (As per Annexure-I)
	R&R (PAFs)	Banjikhhol village-13, Bankheta village-03(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.