

Corrigendum to Mine Summary

(This supersedes earlier uploaded mine summary)

TOKISUD NORTH MINE

PART A

Sr. No.	Features	Details																																				
1.	Location																																					
	Coal Field	South Karanpura Coalfield																																				
	Latitude	Leased Area: 23°41'38" N & 23°43'33" N Alloted Block Area: 23°41'28" N & 23°42'49.4" N																																				
	Longitude	Leased Area: 85°12'37" E & 85°15'26" E Allotted Area: 85°13'10" E & 85°14'39" E																																				
	Villages	Deogarh, Urej, Ango																																				
	Tehsil/ Taluka	Anchal-Barkagaon																																				
	District	Hazaribah																																				
	State	Jharkhand																																				
2.	Area																																					
	Geological Block Area	580 hectare																																				
	Project Area	237 hectares (Quarry Area)																																				
	Mining Lease Area	585.18 hectares (lease area goes beyond allotted block.																																				
	Forest Area	375.0 hectares (out of total Lease Area)																																				
	Non Forest Area	210.18 hectares (out of total Lease Area)																																				
3.	Exploration																																					
	Status of Exploration	Explored																																				
	Exploration Agency	MECL, GSI																																				
	Total Number of Boreholes	38																																				
	Boreholes Meterage	4443.35																																				
	Borehole Density	6.55/ sq. km																																				
4.	Amount of Coal																																					
	Geological Reserves	92.92 MT (As per Mining Plan)																																				
	Mineable Reserves	51.97 MT (mining by opencast): As per MP																																				
	Extractable Reserves	51.97 MT (mining by opencast): As per MP																																				
	Seam Wise Reserve	<table border="1"><thead><tr><th>Coal Seam</th><th>Geological Reserve (MT)</th><th>Mineable (MT)</th></tr></thead><tbody><tr><td>Saunda</td><td>1.14</td><td>0.33</td></tr><tr><td>Sayal</td><td>1.63</td><td>0.46</td></tr><tr><td>Upper Balkudra</td><td>6.97</td><td>2.39</td></tr><tr><td>Lower Balkudra</td><td>1.81</td><td>0.62</td></tr><tr><td>Balkudra A</td><td>0.20</td><td>0.05</td></tr><tr><td>Semana Comb</td><td>2.29</td><td>1.29</td></tr><tr><td>Hathidari</td><td>6.1</td><td>3.46</td></tr><tr><td>Bansgarha</td><td>7.95</td><td>4.15</td></tr><tr><td>Argada</td><td>24.58</td><td>14.50</td></tr><tr><td>Local-2</td><td>0.23</td><td>0.17</td></tr><tr><td>Local-1</td><td>1.46</td><td>0.80</td></tr></tbody></table>	Coal Seam	Geological Reserve (MT)	Mineable (MT)	Saunda	1.14	0.33	Sayal	1.63	0.46	Upper Balkudra	6.97	2.39	Lower Balkudra	1.81	0.62	Balkudra A	0.20	0.05	Semana Comb	2.29	1.29	Hathidari	6.1	3.46	Bansgarha	7.95	4.15	Argada	24.58	14.50	Local-2	0.23	0.17	Local-1	1.46	0.80
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		Argada A+B	24.18	14.70
		Argada C+D	14.38	9.05
	Average Stripping Ratio	2.83		
5.	Coal Seams			
	Dip of Seam	10 ⁰ -12 ⁰		
	Direction of Strike	E-W in major part; NE-SW in the western part		
	Thickness of Coal Seams	Coal Seam	Range (Mtrs)	
		Saunda	1.38-2.85	
		Sayal	2.89-5.08	
		Upper Balkudra	7.40-12.98	
		Lower Balkudra	1.40-2.95	
		Balkudra A	0.60-1.15	
		Semana Comb	0.26-3.07	
		Hathidari	1.97-4.95	
		Bansgarha	2.43-4.93	
		Argada	7.10-12.76	
		Local-2	0.80-1.19	
		Local-1	0.08-1.42	
		Argada A+B	4.09-13.05	
		Argada C+D	1.60-5.80	
	Partings	Between Seams	Usual (in metres)	
		Parting between Saunda and Sayal	4.32-16.34	
		Parting between Sayal and Upper Balkudra	10.02-19.64	
		Parting between Upper balkudra and Lower Balkudra	1.05-5.20	
		Parting between Lower Balkudra and Balkudra A	3.60-7.55	
		Parting between Balkudra A and Semana Comb	24.5-34.8	
		Parting between Semana Comb and Hathidari	2.69-9.87	
		Parting between Hathidari and Bansgarha	8.92-16.6	
		Parting between Bansgarha and Argada	3.12-28.45	
		Parting between Argada and Local-2	1.58-13.8	
		Parting between Local-2 and Local-1	0.08-8.35	
		Parting between Local-1 and Argada A+B	7.62-20.00	
		Parting between Argada A+B and Argada C+D	14.29-32.70	
	Faults	Name of Fault	Throw (m)	
		F1-F1	0-10	
		F2-F2	25	

		F3-F3	25
		F4-F4	35
		F5-F5	50
		F6-F6	0-20
		F7-F7	0-20
		F8-F8	0-10
		F9-F9	25
6.	Grade		
	Grade	Coal Seam	Range
		Saunda	E-D
		Sayal	E-G
		Upper Balkudra	F-G
		Lower Balkudra	D-F
		Balkudra A	C-F
		Semana Comb	D-G
		Hathidari	D-F
		Bansgarha	C-F
		Argada	E-F
		Local-2	B
		Local-1	C-E
		Argada A+B	C-F
		Argada C+D	D-F
7.	Accessibility		
	Nearest Rail Head Distance	Tokisud at a distance of 2.5 km on Barakana-Barwaidh-Dehri line	
	Road	Patratu on SH-2	
	Airport Distance	Ranchi airport at a distance of 50 km Patratu town	
8.	Hydrography		
	Local Surface Drainage Channels		
	Rivers/ Nala	River Damodar	
9.	Climate		
	Average Annual Rainfall	1200-1400 mm	
	Temperatures (Winter)	3-4 degree C	
	Temperatures (Summer)	Up to 44 degree C	
10.	Topography		
	Topo Sheet Number	73 E/2, 73 E/6	
	Nature of Surface Land	Undulating; 350m-376m above MSL	
11.	Other Infrastructure		
	Coal Handling Plant Capacity	Feeder breaker 1000 TPH (-100mm) As per Annexure-I	
	Coal Washery Capacity	Coal Washery (2.00MTY) As per Mining Plan	
	Transport from Mine	Rail/ Road transport	
	Power Supply	From JSEB/DVC (As per Annexure-I)	

PART B (for Schedule II Mines only)

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	GVK Power (Goindwal Sahib) Ltd
	Address	Paigah House, 156-159, Sardar Patel Road, Secunerabad 500003, Andhra Pradesh
	Nature of End Use	Power
2.	Status of Mineral Exploitation	
	Method of Mining	Opencast mining
	Coal Extracted	Nil (till 31.03.2014)
	Rated Capacity	2.32 MTPA
	Mining Agency	AMR India Ltd
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	No 47011/1(28)/2000-CA-I dated August 13, 2012
	Forest Clearance(Reference to Grant)	F. No. 8-26/2009-FC dated December 28, 2011
	Environmental Clearance(Reference to Grant)	No.J-11015/430/2006-IA.II(M) dated April 10, 2013
	Land Required	1445.40 acres (As per Annexure-I)
	Land Acquired	1420.84 acres (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.