





6 MW renewable energy project for a grid system by
Ind-Barath Energies Limited (Ref. 0970)

Test Results of Coal used during the period from Mar 2008 to
Mar 2009

Test Report Ref.	NCV, kcal/kg
VL/M/345/08 dated 20.05.2008	3560
VL/M/412/08 dated 24.06.2008	2930
VL/M/640/08 dated 29.12.2008	3639
VL/M/822/09 dated 06.02.2009	2970





Test Report Ref. VL/M/345/2008 dated 20.05.2008

NCV is 95% of GCV = 3560

		vitro labs			
2-2-647/A/3, 3rd Floor, Shivam Road, Hyderabad-500 013. Phone : 040-27421389, Fax : 040-27423562, E-mail : labsvitro@yahoo.com Web : www.vitrolabs.net (Recognized by the Ministry of Environment & Forest, GOI)					
TEST CERTIFICATE					
Our Ref:	VL/M/345/08	Issued To:			
Reporting Date:	20.05.2008	M/S.Ind - Barath Energies Limited,			
Collected On:	16.05.2008	Opp.220 KV APSEB Sub Station,			
Sample Particulars:	Coal Sample (Singareni)	Dilawarpur Road,MIRYALGUDA-508207, Nagonda,Dist.			
TEST RESULTS					
Sl.NO	Parameters	Units	Result		
1	Moisture Content	%	4.60		
2	Ash Content	%	34.12		
3	Gross Calorific value	K. Cal/Kg	3747		
					
 Authorised Signatory					
Environmental Studies like EIA, EMP, Work Zone, Indoor Air Quality, Gravimetric Dust Sampling, Stack, AAQ Monitoring, Waste Water, Solid & Hazardous Waste Analysis, Analytical Services like Water, Ores & Minerals, Ferrous & Non-Ferrous Alloys, Petroleum Products, Food Materials, Soils, Poultry Feeds Etc.					
Environmental Consultants & Analytical Chemists					

Test Report Ref. VL/M/412/08 dated 24.06.2008






NCV is 95% of GCV = 2930

		vitro labs 2-2-647/A/3, 3rd Floor, Shivam Road, Hyderabad-500 013. Phone : 040-27421389, Fax : 040-27423582, E-mail : labsvitro@yahoo.com Web : www.vitrolabs.net (Recognized by the Ministry of Environment & Forest, GOI)		 ANAB All ISO 9001:2000 CERTIFIED COMPANY	
TEST CERTIFICATE					
Our Ref:	VL/M/412/08	Issued To:			
Reporting Date:	24.06.2008	M/S.Ind - Barath Energies Limited, Opp.220 KV APSEB Sub Station, Dilawarpur Road,MIRYALGUDA-508207, Nagonda Dist.			
Collected On:	20.06.2008				
Sample Particulars:	Coal Sample (Singareni)				
TEST RESULTS					
Sl.NO	Parameters	Units	Result		
1	Moisture Content	%	3.92		
2	Ash Content	%	39.33		
3	Gross Calorific value	K.Cal/Kg	3084		
					
 Authorized Signatory					
Environmental Studies like EIA, EMP, Work Zone, Indoor Air Quality, Gravimetric Dust Sampling, Stack, AAQ Monitoring, Waste Water, Solid & Hazardous Waste Analysis, Analytical Services like Water, Ores & Minerals, Ferrous & Non-Ferrous Alloys, Petroleum Products, Food Materials, Soils, Poultry Feeds Etc.					
<i>Environmental Consultants & Analytical Chemists</i>					

MATRIC. SCHEME DOWNS 011020






Test Report Ref. VL/M/640/08 dated 29.12.2008

NCV is 95% of GCV = 3639

		vitro labs			
2-2-647/A/3, 3rd Floor, Shivam Road, Hyderabad-500 013. Phone : 040-27421369, Fax : 040-27423582, E-mail : labsvitro@yahoo.com Web : www.vitrolabs.net (Recognized by the Ministry of Environment & Forest, GOI)					
TEST CERTIFICATE					
Our Ref:	VL/M/640/08	Issued To:			
Reporting Date:	29.12.2008	M/S.Ind - Barath Energies Limited,			
Collected On:	25.12.2008	Opp.220 KV APSEB Sub Station,			
Sample Particulars:	Coal Sample (Singareni)	Dilawarpur Road,MIRYALGUDA-508207, Nagonda Dist.			
TEST RESULTS					
Sl.NO	Parameters	Units	Result		
1	Moisture Content	%	5.20		
2	Ash Content	%	32.90		
3	Gross Calorific value	K.Cal/Kg	3831		
					
					
Authorised Signatory					
Environmental Studies like EIA, EMP Work Zone, Indoor Air Quality, Gravimetric Dust Sampling, Stack, AAQ Monitoring, Waste Water, Solid & Hazardous Waste Analysis, Analytical Services like Water, Ores & Minerals, Ferrous & Non-Ferrous Alloys, Petroleum Products, Food Materials, Soils, Poultry Feeds Etc.					
Environmental Consultants & Analytical Chemists					

Test Report Ref. VL/M/822/09 dated 06.02.2009

NCV is 95% of GCV = 2970

		vitro labs		 	
2-2-647/A/3, 3rd Floor, Shivam Road, Hyderabad-500 013. Phone : 040-27421389, Fax : 040-27423582, E-mail : labvitro@yahoo.com Web : www.vitrolabs.net (Recognized by the Ministry of Environment & Forest, GOI)					
TEST CERTIFICATE					
Our Ref:	VL/M/822/09	Issued To:			
Reporting Date:	06.02.2009	M/S.Ind - Barath Energies Limited,			
Collected On:	02.02.2009	Opp.220 KV APSEB Sub Station,			
Sample Particulars:	Coal Sample (Singareni)	Dilawarpur Road,MIRYALGUDA-508207, Nagonda,Dist.			
TEST RESULTS					
S.NO	Parameters	Units	Result		
1	Moisture Content	%	4.70		
2	Ash Content	%	38.24		
3	Gross Calorific value	K.Cal/Kg	3126		
					
 Authorised Signatory					
Environmental Studies like EIA, EMP, Work Zone, Indoor Air Quality, Gravimetric Dust Sampling, Stack, AAQ Monitoring, Waste Water, Solid & Hazardous Waste Analysis, Analytical Services like Water, Ores & Minerals, Ferrous & Non-Ferrous Alloys, Petroleum Products, Food Materials, Soils, Poultry Feeds Etc.					
Environmental Consultants & Analytical Chemists					