



New Hope Corporation

Testing and Analysis of York Plains coal to liquids samples YP004LC

REPORT NO.: 21008914

REPORT TO: Danique Bax
New Hope Group
3/22 Magnolia Drive
Brookwater
QLD 4300

SAMPLED BY: Client

PURCHASE ORDER: 8200862

DATED REPORTED: 26 July 2011

Greg Van Gestel
Laboratory Manager
ALS Coal Division - Richlands

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS001 Hole: YP004LC Seam: UU1 From: 16.840 m To: 17.360 m Mass: 22.21 kg	Sample: YPS002 Hole: YP004LC Seam: UU1 From: 17.360 m To: 17.910 m Mass: 25.15 kg	Sample: YPS003 Hole: YP004LC Seam: UU1 From: 17.910 m To: 18.180 m Mass: 12.92 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	3.5	5.5	3.5
Ash %	30.4	31.8	22.5
Volatile Matter %	12.9	11.7	14.0
Fixed Carbon %	53.2	51.0	60.0
Free Moisture % (a.r.)	8.7	6.3	9.2
Total Moisture % (a.r.)	14.3	14.2	14.6
Total Sulfur %	0.34	0.25	0.33
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	22.37	21.19	25.00
Calorific Value kcal/kg	5344	5062	5972
Relative Density	1.60	1.60	1.52

All results reported to air dried basis unless noted

a.r. = as received basis

Sample Details	Sample: YPS004 Hole: YP004LC Seam: UU1 From: 18.180 m To: 18.430 m Mass: 8.70 kg	Sample: YPS005 Hole: YP004LC Seam: UU2 From: 21.080 m To: 21.280 m Mass: 8.21 kg	Sample: YPS006 Hole: YP004LC Seam: UU2 From: 21.280 m To: 21.930 m Mass: 28.04 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	4.2	5.7	5.3
Ash %	47.4	59.6	44.9
Volatile Matter %	7.8	8.4	8.8
Fixed Carbon %	40.6	26.3	41.0
Free Moisture % (a.r.)	7.8	7.3	7.4
Total Moisture % (a.r.)	13.7	13.4	15.0
Total Sulfur %	0.19	0.18	0.21
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	16.14	9.96	16.56
Calorific Value kcal/kg	3854	2378	3956
Relative Density	1.76	1.92	1.73

All results reported to air dried basis unless noted

a.r. = as received basis

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS007 Hole: YP004LC Seam: UU2 From: 21.930 m To: 22.420 m Mass: 25.41 kg	Sample: YPS008 Hole: YP004LC Seam: UU2 From: 22.420 m To: 22.810 m Mass: 18.00 kg	Sample: YPS009 Hole: YP004LC Seam: UU2 From: 22.810 m To: 23.150 m Mass: 16.85 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	6.0	6.1	5.0
Ash %	54.5	56.8	35.8
Volatile Matter %	7.2	7.5	8.3
Fixed Carbon %	32.3	29.6	50.9
Free Moisture % (a.r.)	5.7	6.5	6.7
Total Moisture % (a.r.)	12.6	14.1	13.9
Total Sulfur %	0.17	0.17	0.29
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	12.39	10.91	20.04
Calorific Value kcal/kg	2958	2606	4786
Relative Density	1.85	1.88	1.64

All results reported to air dried basis unless noted

a.r. = as received basis

Sample Details	Sample: YPS010 Hole: YP004LC Seam: UU2 From: 23.150 m To: 23.550 m Mass: 19.99 kg	Sample: YPS011 Hole: YP004LC Seam: UU2 From: 23.550 m To: 23.990 m Mass: 21.38 kg	
PROXIMATE ANALYSIS			
Air Dried Moisture %	6.0	4.4	
Ash %	42.2	48.3	
Volatile Matter %	8.1	7.6	
Fixed Carbon %	43.7	39.7	
Free Moisture % (a.r.)	6.7	5.1	
Total Moisture % (a.r.)	14.4	10.6	
Total Sulfur %	0.24	0.26	
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	17.14	15.15	
Calorific Value kcal/kg	4094	3618	
Relative Density	1.73	1.78	

All results reported to air dried basis unless noted

a.r. = as received basis



ACCREDITED TESTS

HARD COAL TEST	ABBREVIATION	STANDARD /REFERENCE
Abrasion Index	AI	AS1038.19
Adiabatic Self Heating		AL035 (In-House)
Ash	A	AS1038.3
Ash Fusibility		AS1038.15
Carbon		AS1038.6.4
Carbonate Carbon	C _m	AS1038.23
Chlorine	Cl	AS1038.8
Crucible Swelling Number	CSN	AS1038.12.1
Dilatometer		AS 1038.12.3
Fixed Carbon	FC	AS1038.3
Float/Sink Analysis	F/S	AS4156.1
Forms of Sulfur	FOS [S _o , S _p , S _s]	AS1038.11
Gieseler		AS1038.12.4.1
Gray King Coke Type	GKCT	AS1038.12.2
Hardgrove Grindability Index	HGI	AS1038.20
Hydrogen	H	AS1038.6.4
Moisture (residual)	M _r	AS1038.3
Moisture Holding Capacity	MHC	AS1038.17
Nitrogen	N	AS1038.6.4
Oxygen	O	AS1038.16
Phosphorus	P	BS1016.14
Relative Density	RD	AS1038.21.1.1
Relative Ignition Temperature	RIT	AL030 (In-House)
Size Analysis		AS3881
Gross Calorific Value	q	AS1038.5
Total Moisture	M	AS1038.1
Total Sulfur	S	AS1038.6.3.3
Volatile Matter	VM	AS1038.3
Ash Analysis		AL044 (In-House) *
COKE TEST	ABBREVIATION	STANDARD /REFERENCE
Proximate Analysis		AS 1038.4

Note(s):

1. Acceptance and reporting of results is in accordance with AS1038.16
2. Sampling by ACIRL is in accordance with the following AS2617 (seams, insitu);
AS4264.1 Sampling Procedures ;
AS4264.4 Determination of Precision and Bias
3. All analyses reported to Air-Dried Basis unless otherwise indicated.
- *4. Ash Analysis performed at ACIRL Maitland laboratory (accreditation held).
Based on AS1038.14.2, variation ICP instead of flame for species excitation.



NON ACCREDITED TEST

The following tests are not covered in by the scope of accreditation relating to the laboratories technical accreditation.

<u>TEST</u>	<u>STANDARD/REFERENCE</u>
Drop Shatter	AS2519
Durham Cone	AS1038.25
Froth Flotation	AS4156.2 and Client Specific Procedures
Mineral Matter	AS1038.22
Pre- Treatment	AS2519
Roadway Dusts	QLD Department of Mines and Energy – Quality of incompatible dust, sampling and analysis of roadway dust in underground coal mine – Coal Mining Safety and Health Act 1999 Recognised Standard – No. 05, July 2003
Roga Index	ISO335
Caking Index	ISO15585
Sapozhnikov	Journal of Mine Metals and Fuels India Oct 1978
Size Adjustment	AS2519

APPENDIX I

CLIENT INSTRUCTIONS



New Hope Group

memo

To: Daniel Caldwell - ACIRL

Copy:

Our Ref:

From: Danique Bax

Date: 01 March 2011

Re: Coal to Liquids Analysis Instructions

Hi Daniel

Please perform the following analyses on the samples from York Plains, Tasmania.

Stage 1

IMPORTANT: This analysis is for New Hope Exploration, and is to be invoiced separately from the Stage 2 analysis, using Purchase Order number 2063920.

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Specific Energy
- Total Moisture
- Total Sulfur
- Calorific Value

Please report these values and await confirmation and further instructions before proceeding with Stage 2 analysis.

Stage 2

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced separately from the Stage 1 analysis, using Purchase Order number 2063815.

Please crush the full sample to -6mm, before performing the following:

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Total Sulfur
- Calorific Value
- Ultimate Analysis
- Petrographic (Maceral) Analysis

The remaining -6mm crushed sample will then be freighted under the instruction of Rob Neale. 150kg of each bulk sample will be required for further Coal to Liquids analysis.

If you have any problems, or questions, please don't hesitate to contact me. When the Rosevale samples are collected, I will send through any updates to the instructions for analysis.

Regards,

Danique Bax

Hole Number	YP004LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	16/02/2011 - 17/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

Hole	SampNumb	From	To	Thick	Seam1	Lithology	Stage1 Instructions
YP004LC	YPS001	16.84	17.36	0.52	UU1	COAL 85%, CARBONACEOUS MUDSTONE 15%	Proceed
YP004LC	YPS002	17.36	17.91	0.55	UU1	COAL 33%, CARBONACEOUS MUDSTONE 67%	Proceed
YP004LC	YPS003	17.91	18.18	0.27	UU1	COAL 100%	Proceed
YP004LC	YPS004	18.18	18.43	0.25	UU1	COAL 72%, SILTSTONE 28%	Proceed
YP004LC	YPS005	21.08	21.28	0.20	UU2	COAL 100%	Proceed
YP004LC	YPS006	21.28	21.93	0.65	UU2	COAL 75%, SILTSTONE 22%, CARBONACEOUS SILTSTONE 3%	Proceed
YP004LC	YPS007	21.93	22.42	0.49	UU2	COAL 73%, SILTSTONE 23%, CARBONACEOUS SILTSTONE 3%	Proceed
YP004LC	YPS008	22.42	22.81	0.39	UU2	COAL 77%, CARBONACEOUS SILTSTONE 23%	Proceed
YP004LC	YPS009	22.81	23.15	0.34	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	Proceed
YP004LC	YPS010	23.15	23.55	0.40	UU2	COAL 83%, SILTSTONE 15%, CARBONACEOUS MUDSTONE 3%	Proceed
YP004LC	YPS011	23.55	23.99	0.44	UU2	COAL 84%, CARBONACEOUS SILTSTONE 16%	Proceed

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Minerals

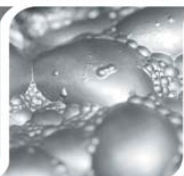
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New Hope Corporation

Testing and Analysis of York Plains coal to liquids samples YP004_005LC

REPORT NO.: 21008945

REPORT TO: Danique Bax
New Hope Group
3/22 Magnolia Drive
Brookwater
QLD 4300

SAMPLED BY: Client

PURCHASE ORDER: 5202778

DATED REPORTED: 26 July 2011

Greg Van Gestel
Laboratory Manager
ALS Coal Division - Richlands

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS01_04 YPS013_014 Hole: YP004_005LC Seam: UU1	Sample: YPS05_011 YPS016_024 Hole: YP004_005LC Seam: UU2
PROXIMATE ANALYSIS		
Air Dried Moisture %	3.8	4.6
Ash %	31.1	45.8
Volatile Matter %	12.5	8.4
Fixed Carbon %	52.6	41.2
Total Sulfur %	0.28	0.23
CALORIFIC VALUE (AD)		
Calorific Value MJ/kg	21.44	15.81
Calorific Value kcal/kg	5120	3778
Relative Density	1.61	1.77
ULTIMATE ANALYSIS (d.a.f.)		
Carbon %	86.0	85.2
Hydrogen %	4.00	3.87
Nitrogen %	1.52	1.47
Sulfur %	0.43	0.46
Oxygen (By Difference) %	8.1	9.0

All results reported to air dried basis unless noted
d.a.f. = dry ash free basis

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample: YPS01_04 YPS013_014
Hole: YP004_005LC
Seam: UU1

FLOAT AND SINK ANALYSIS: AIR DRIED BASIS (AS4156.1)

	FRACTIONAL		CUMULATIVE	
Relative Density Fraction	Mass %	Ash %	Mass %	Ash %
F1.45	19.0	13.5	19.0	13.5
S1.45 - F1.50	10.9	17.9	29.9	15.1
S1.50 - F1.55	13.2	21.1	43.1	17.0
S1.55 - F1.60	19.6	27.7	62.7	20.3
S1.60 - F1.65	9.1	34.6	71.8	22.1
S1.65	28.2	53.9	100.0	31.1

Sample: YPS05_011 YPS016_024
Hole: YP004_005LC
Seam: UU2

FLOAT AND SINK ANALYSIS: AIR DRIED BASIS (AS4156.1)

	FRACTIONAL		CUMULATIVE	
Relative Density Fraction	Mass %	Ash %	Mass %	Ash %
F1.45	19.4	9.6	19.4	9.6
S1.45 - F1.50	7.3	16.3	26.7	11.4
S1.50 - F1.55	7.3	21.1	34.0	13.5
S1.55 - F1.60	10.2	28.6	44.2	17.0
S1.60 - F1.65	6.6	36.4	50.8	19.5
S1.65	49.2	73.6	100.0	46.1



ACCREDITED TESTS

HARD COAL TEST	ABBREVIATION	STANDARD /REFERENCE
Abrasion Index	AI	AS1038.19
Adiabatic Self Heating		AL035 (In-House)
Ash	A	AS1038.3
Ash Fusibility		AS1038.15
Carbon		AS1038.6.4
Carbonate Carbon	C _m	AS1038.23
Chlorine	Cl	AS1038.8
Crucible Swelling Number	CSN	AS1038.12.1
Dilatometer		AS 1038.12.3
Fixed Carbon	FC	AS1038.3
Float/Sink Analysis	F/S	AS4156.1
Forms of Sulfur	FOS [S _o , S _p , S _s]	AS1038.11
Gieseler		AS1038.12.4.1
Gray King Coke Type	GKCT	AS1038.12.2
Hardgrove Grindability Index	HGI	AS1038.20
Hydrogen	H	AS1038.6.4
Moisture (residual)	M _r	AS1038.3
Moisture Holding Capacity	MHC	AS1038.17
Nitrogen	N	AS1038.6.4
Oxygen	O	AS1038.16
Phosphorus	P	BS1016.14
Relative Density	RD	AS1038.21.1.1
Relative Ignition Temperature	RIT	AL030 (In-House)
Size Analysis		AS3881
Gross Calorific Value	q	AS1038.5
Total Moisture	M	AS1038.1
Total Sulfur	S	AS1038.6.3.3
Volatile Matter	VM	AS1038.3
Ash Analysis		AL044 (In-House) *
COKE TEST	ABBREVIATION	STANDARD /REFERENCE
Proximate Analysis		AS 1038.4

Note(s):

1. Acceptance and reporting of results is in accordance with AS1038.16
2. Sampling by ACIRL is in accordance with the following AS2617 (seams, insitu);
AS4264.1 Sampling Procedures ;
AS4264.4 Determination of Precision and Bias
3. All analyses reported to Air-Dried Basis unless otherwise indicated.
- *4. Ash Analysis performed at ACIRL Maitland laboratory (accreditation held).
Based on AS1038.14.2, variation ICP instead of flame for species excitation.



NON ACCREDITED TEST

The following tests are not covered in by the scope of accreditation relating to the laboratories technical accreditation.

<u>TEST</u>	<u>STANDARD/REFERENCE</u>
Drop Shatter	AS2519
Durham Cone	AS1038.25
Froth Flotation	AS4156.2 and Client Specific Procedures
Mineral Matter	AS1038.22
Pre- Treatment	AS2519
Roadway Dusts	QLD Department of Mines and Energy – Quality of incompatible dust, sampling and analysis of roadway dust in underground coal mine – Coal Mining Safety and Health Act 1999 Recognised Standard – No. 05, July 2003
Roga Index	ISO335
Caking Index	ISO15585
Sapozhnikov	Journal of Mine Metals and Fuels India Oct 1978
Size Adjustment	AS2519

APPENDIX I

PETROGRAPHIC ANALYSIS

MACERAL ANALYSIS

Sample Details: Sample: YPS01_04 YPS013_014 Hole: YP004_005LC Seam: UU1 IP607510

GROUP	VOLUME (%)	VOLUME (% mineral free)	SUBGROUP	MACERAL	VOLUME (%)	VOLUME (% mineral free)
VITRINITE	5.8	7.1	Telovitrinite	Textinite	0.0	0.0
				Textu-ulminite	0.0	0.0
				Eu-ulminite	0.0	0.0
				Telocollinite	5.8	7.1
			Detrovitrinite	Attrinite	0.0	0.0
				Densinite	0.0	0.0
				Desmocollinite	0.0	0.0
			Gelovitrinite	Corpogellinite	0.0	0.0
				Proigellinite	0.0	0.0
				Eugellinite	0.0	0.0
LIPTINITE	0.0	0.0		Sporinite	0.0	0.0
				Cutinite	0.0	0.0
				Resinite	0.0	0.0
				Liptodetrinite	0.0	0.0
				Alginite	0.0	0.0
				Suberinite	0.0	0.0
				Fluorinite	0.0	0.0
				Exsudatinite	0.0	0.0
				Bituminite	0.0	0.0
INERTINITE	66.6	82.5	Telo-inertinite	Fusinite	2.4	3.0
				Semifusinite	64.0	79.3
				Funginite	0.0	0.0
			Detro-inertinite	Inertodetrinite	0.2	0.2
				Micrinite	0.0	0.0
			Gelo-inertinite	Macrinite	0.0	0.0
COKE	8.3	10.3				

MINERAL 19.3


Prepared and measured in accordance with Australian Standards AS 2856.1; AS 2856.2.

Date: 19/05/2011

Observations: 539

Analysis performed on As Received sample

This data has not been artificially rounded to avoid misleading presentation of results.


Approved Signatory
William Cash, PIC Supervisor


Fiona McNeil, Petrographer

1 of 1

MACERAL ANALYSIS

Sample Details: Sample: YPS05_011 YPS016_024 Hole: YP004_005LC Seam: UU2
IP607517

GROUP	VOLUME (%)	VOLUME (% mineral free)	SUBGROUP	MACERAL	VOLUME (%)	VOLUME (% mineral free)
VITRINITE	14.1	22.1	Telovitrinite	Textinite	0.0	0.0
				Textu-ulminite	0.0	0.0
				Eu-ulminite	0.0	0.0
				Telocollinite	13.9	21.8
			Detrovitrinite	Attrinite	0.0	0.0
				Densinite	0.0	0.0
				Desmocollinite	0.2	0.3
			Gelovitrinite	Corpogellinite	0.0	0.0
				Proigellinite	0.0	0.0
				Eugellinite	0.0	0.0
LIPTINITE	0.0	0.0		Sporinite	0.0	0.0
				Cutinite	0.0	0.0
				Resinite	0.0	0.0
				Liptodetrinite	0.0	0.0
				Alginite	0.0	0.0
				Suberinite	0.0	0.0
				Fluorinite	0.0	0.0
				Exsudatinite	0.0	0.0
				Bituminite	0.0	0.0
INERTINITE	36.3	56.7	Telo-inertinite	Fusinite	0.4	0.6
				Semifusinite	35.9	56.1
				Funginite	0.0	0.0
			Detro-inertinite	Inertodetrinite	0.0	0.0
				Micrinite	0.0	0.0
			Gelo-inertinite	Macrinite	0.0	0.0
COKE	13.5	21.2				

MINERAL 36.1


Prepared and measured in accordance with Australian Standards AS 2856.1; AS 2856.2.

Date: 19/05/2011

Observations: 502

Analysis performed on As Received sample

This data has not been artificially rounded to avoid misleading presentation of results.


Approved Signatory
William Cash, PIC Supervisor


Fiona McNeil, Petrographer

1 of 1

APPENDIX II

CLIENT INSTRUCTIONS



New Hope Group

memo

To: Daniel Caldwell - ACIRL

Copy:

Our Ref:

From: Danique Bax

Date: 23 March 2011

Re: Coal to Liquids Analysis Instructions - Stage 1-3 for Rosevale

Hi Daniel

Firstly, I must apologise for something – the purchase order numbers that I provided for the York Plains samples are incorrect. I accidentally gave you the purchase requisition number, which is not the purchase order number. The Rosevale purchase order numbers provided below have been double-checked, and are correct. For the York Plains, please use the following purchase order numbers:

York Plains Stage 1 – 8200862
York Plains Stage 2 – 5202778
York Plains Stage 3 – 5202778

Once again, I apologise for the confusion with this. The purchase order number for the Rosevale and York Plains Stage 2 & 3 analysis is the same. The Stage 1 analysis purchase order differs between the two projects.

Please perform the following analyses on the samples from Rosevale, Tasmania. The program of works has not changed between Rosevale and York Plains for these CTL samples.

Stage 1

IMPORTANT: This analysis is for New Hope Exploration, and is to be invoiced separately from the Stage 2 analysis, using Purchase Order number 8200901.

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Specific Energy
- Total Moisture
- Total Sulfur
- Calorific Value

Please report these values and await confirmation and further instructions before proceeding with Stage 2 analysis.

Stage 2

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced separately from the Stage 1 analysis, using Purchase Order number 5202778.

Please crush the full sample to -6mm, before performing the following:

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Total Sulfur

- Calorific Value
- Ultimate Analysis
- Petrographic (Maceral) Analysis

Stage 3

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced on the same purchase order as Stage 2 analysis, (Purchase Order number 5202778).

Washability Analysis (on cut points 1.45, 1.50, 1.55, 1.60, 1.65) – standard ash/yield

The remaining -6mm crushed sample will then be freighted under the instruction of Rob Neale. 150kg of each bulk sample will be required for further Coal to Liquids analysis.

If you have any problems, or questions, please don't hesitate to contact me.

Regards,

Danique Bax



New Hope Group

memo

To: Daniel Caldwell - ACIRL

Copy:

Our Ref:

From: Danique Bax

Date: 14 March 2011

Re: Coal to Liquids Analysis Instructions - Update - Float/Sink

Hi Daniel

I have had a request from Rob Neale to perform float/sink analysis on the samples from York Plains, as well as the analysis that has already been requested. The program of works remains unchanged for Stage 1 & Stage 2.

Stage 3 (Washability) analysis is as follows:

Stage 3

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced on the same purchase order as Stage 2 analysis, (Purchase Order number 2063815).

- Washability Analysis (on cut points 1.45, 1.50, 1.55, 1.60, 1.65) – standard ash/yield

Apologies for this late addition to the analysis, however, this request has only just come through to me.

If you have any problems, or questions, please don't hesitate to contact me.

Regards,

Danique Bax



New Hope Group

memo

To: Daniel Caldwell - ACIRL

Copy:

Our Ref:

From: Danique Bax

Date: 01 March 2011

Re: Coal to Liquids Analysis Instructions

Hi Daniel

Please perform the following analyses on the samples from York Plains, Tasmania.

Stage 1

IMPORTANT: This analysis is for New Hope Exploration, and is to be invoiced separately from the Stage 2 analysis, using Purchase Order number 2063920.

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Specific Energy
- Total Moisture
- Total Sulfur
- Calorific Value

Please report these values and await confirmation and further instructions before proceeding with Stage 2 analysis.

Stage 2

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced separately from the Stage 1 analysis, using Purchase Order number 2063815.

Please crush the full sample to -6mm, before performing the following:

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Total Sulfur
- Calorific Value
- Ultimate Analysis
- Petrographic (Maceral) Analysis

The remaining -6mm crushed sample will then be freighted under the instruction of Rob Neale. 150kg of each bulk sample will be required for further Coal to Liquids analysis.

If you have any problems, or questions, please don't hesitate to contact me. When the Rosevale samples are collected, I will send through any updates to the instructions for analysis.

Regards,

Danique Bax

Hole Number	YP004LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	16/02/2011 - 17/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage1
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP004LC	YPS001	16.84	17.36	0.52	UU1	COAL 85%, CARBONACEOUS MUDSTONE 15%	Proceed
YP004LC	YPS002	17.36	17.91	0.55	UU1	COAL 33%, CARBONACEOUS MUDSTONE 67%	Proceed
YP004LC	YPS003	17.91	18.18	0.27	UU1	COAL 100%	Proceed
YP004LC	YPS004	18.18	18.43	0.25	UU1	COAL 72%, SILTSTONE 28%	Proceed
YP004LC	YPS005	21.08	21.28	0.20	UU2	COAL 100%	Proceed
YP004LC	YPS006	21.28	21.93	0.65	UU2	COAL 75%, SILTSTONE 22%, CARBONACEOUS SILTSTONE 3%	Proceed
YP004LC	YPS007	21.93	22.42	0.49	UU2	COAL 73%, SILTSTONE 23%, CARBONACEOUS SILTSTONE 3%	Proceed
YP004LC	YPS008	22.42	22.81	0.39	UU2	COAL 77%, CARBONACEOUS SILTSTONE 23%	Proceed
YP004LC	YPS009	22.81	23.15	0.34	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	Proceed
YP004LC	YPS010	23.15	23.55	0.40	UU2	COAL 83%, SILTSTONE 15%, CARBONACEOUS MUDSTONE 3%	Proceed
YP004LC	YPS011	23.55	23.99	0.44	UU2	COAL 84%, CARBONACEOUS SILTSTONE 16%	Proceed

Hole Number	YP004LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	16/02/2011 - 17/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage 2
							Instructions
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Combine YPS001-YPS004 with YPS013-YPS014
YP004LC	YPS001	16.84	17.36	0.52	UU1	COAL 85%, CARBONACEOUS MUDSTONE 15%	
YP004LC	YPS002	17.36	17.91	0.55	UU1	COAL 33%, CARBONACEOUS MUDSTONE 67%	
YP004LC	YPS003	17.91	18.18	0.27	UU1	COAL 100%	
YP004LC	YPS004	18.18	18.43	0.25	UU1	COAL 72%, SILTSTONE 28%	Combine YPS005-YPS011 with YPS016-YPS024
YP004LC	YPS005	21.08	21.28	0.20	UU2	COAL 100%	
YP004LC	YPS006	21.28	21.93	0.65	UU2	COAL 75%, SILTSTONE 22%, CARBONACEOUS SILTSTONE 3%	
YP004LC	YPS007	21.93	22.42	0.49	UU2	COAL 73%, SILTSTONE 23%, CARBONACEOUS SILTSTONE 3%	
YP004LC	YPS008	22.42	22.81	0.39	UU2	COAL 77%, CARBONACEOUS SILTSTONE 23%	
YP004LC	YPS009	22.81	23.15	0.34	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	
YP004LC	YPS010	23.15	23.55	0.40	UU2	COAL 83%, SILTSTONE 15%, CARBONACEOUS MUDSTONE 3%	
YP004LC	YPS011	23.55	23.99	0.44	UU2	COAL 84%, CARBONACEOUS SILTSTONE 16%	

Hole Number	YP004LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	16/02/2011 - 17/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage 3
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP004LC	YPS001	16.84	17.36	0.52	UU1	COAL 85%, CARBONACEOUS MUDSTONE 15%	Wash analysis on the combined YPS001-YPS004 with YPS013- YPS014
YP004LC	YPS002	17.36	17.91	0.55	UU1	COAL 33%, CARBONACEOUS MUDSTONE 67%	
YP004LC	YPS003	17.91	18.18	0.27	UU1	COAL 100%	
YP004LC	YPS004	18.18	18.43	0.25	UU1	COAL 72%, SILTSTONE 28%	
YP004LC	YPS005	21.08	21.28	0.20	UU2	COAL 100%	Wash analysis on the combined YPS005-YPS011 with YPS016- YPS024
YP004LC	YPS006	21.28	21.93	0.65	UU2	COAL 75%, SILTSTONE 22%, CARBONACEOUS SILTSTONE 3%	
YP004LC	YPS007	21.93	22.42	0.49	UU2	COAL 73%, SILTSTONE 23%, CARBONACEOUS SILTSTONE 3%	
YP004LC	YPS008	22.42	22.81	0.39	UU2	COAL 77%, CARBONACEOUS SILTSTONE 23%	
YP004LC	YPS009	22.81	23.15	0.34	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	
YP004LC	YPS010	23.15	23.55	0.40	UU2	COAL 83%, SILTSTONE 15%, CARBONACEOUS MUDSTONE 3%	
YP004LC	YPS011	23.55	23.99	0.44	UU2	COAL 84%, CARBONACEOUS SILTSTONE 16%	

Hole Number	YP005LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	17/02/2011 - 18/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage1
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP005LC	YPS012	16.18	16.54	0.36	UU1	COAL 42%, CLAYSTONE 11%, SILTSTONE 33%, CARBONACEOUS SILTSTONE 14%	Proceed
YP005LC	YPS013	16.54	17.14	0.60	UU1	COAL 73%, CARBONACEOUS SILTSTONE 27%	Proceed
YP005LC	YPS014	17.14	17.94	0.80	UU1	COAL 100%	Proceed
YP005LC	YPS015	17.94	18.21	0.27	UU1	COAL 26%, MUDSTONE 37%, CARBONACEOUS MUDSTONE 37%	Proceed
YP005LC	YPS016	20.74	20.97	0.23	UU2	COAL 100%	Proceed
YP005LC	YPS017	20.97	21.12	0.15	UU2	COAL 47%, SILTSTONE 53%	Proceed
YP005LC	YPS018	21.12	21.75	0.63	UU2	COAL 79%, SILTSTONE 16%, CARBONACEOUS MUDSTONE 5%	Proceed
YP005LC	YPS019	21.75	22.22	0.47	UU2	COAL 47%, SILTSTONE 49%, CARBONACEOUS SILTSTONE 4%	Proceed
YP005LC	YPS020	22.22	22.74	0.52	UU2	COAL 90%, CARBONACEOUS SILTSTONE 10%	Proceed
YP005LC	YPS021	22.74	23.02	0.28	UU2	COAL 100%	Proceed
YP005LC	YPS022	23.02	23.41	0.39	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	Proceed
YP005LC	YPS023	23.41	23.77	0.36	UU2	COAL 83%, CARBONACEOUS SILTSTONE 17%	Proceed
YP005LC	YPS024	23.77	23.92	0.15	UU2	CARBONACEOUS SILTSTONE 100%	Proceed

Hole Number	YP005LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	17/02/2011 - 18/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

Hole	SampNumb	From	To	Thick	Seam1	Lithology	
YP005LC	YPS012	16.18	16.54	0.36	UU1	COAL 42%, CLAYSTONE 11%, SILTSTONE 33%, CARBONACEOUS SILTSTONE 14%	62.7
YP005LC	YPS013	16.54	17.14	0.60	UU1	COAL 73%, CARBONACEOUS SILTSTONE 27%	39.1
YP005LC	YPS014	17.14	17.94	0.80	UU1	COAL 100%	23.9
YP005LC	YPS015	17.94	18.21	0.27	UU1	COAL 26%, MUDSTONE 37%, CARBONACEOUS MUDSTONE 37%	71.6
YP005LC	YPS016	20.74	20.97	0.23	UU2	COAL 100%	30.4
YP005LC	YPS017	20.97	21.12	0.15	UU2	COAL 47%, SILTSTONE 53%	77.4
YP005LC	YPS018	21.12	21.75	0.63	UU2	COAL 79%, SILTSTONE 16%, CARBONACEOUS MUDSTONE 5%	40
YP005LC	YPS019	21.75	22.22	0.47	UU2	COAL 47%, SILTSTONE 49%, CARBONACEOUS SILTSTONE 4%	60.5
YP005LC	YPS020	22.22	22.74	0.52	UU2	COAL 90%, CARBONACEOUS SILTSTONE 10%	33.9
YP005LC	YPS021	22.74	23.02	0.28	UU2	COAL 100%	28.5
YP005LC	YPS022	23.02	23.41	0.39	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	39.1
YP005LC	YPS023	23.41	23.77	0.36	UU2	COAL 83%, CARBONACEOUS SILTSTONE 17%	34.6
YP005LC	YPS024	23.77	23.92	0.15	UU2	CARBONACEOUS SILTSTONE 100%	86.5

Hole Number	YP005LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	17/02/2011 - 18/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage 2
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP005LC	YPS012	16.18	16.54	0.36	UU1	COAL 42%, CLAYSTONE 11%, SILTSTONE 33%, CARBONACEOUS SILTSTONE 14%	No further testing required
YP005LC	YPS013	16.54	17.14	0.60	UU1	COAL 73%, CARBONACEOUS SILTSTONE 27%	Combine YPS013-YPS014 with YPS001-YPS004
YP005LC	YPS014	17.14	17.94	0.80	UU1	COAL 100%	
YP005LC	YPS015	17.94	18.21	0.27	UU1	COAL 26%, MUDSTONE 37%, CARBONACEOUS MUDSTONE 37%	No further testing required
YP005LC	YPS016	20.74	20.97	0.23	UU2	COAL 100%	Combine YPS016-YPS024 with YPS005-YPS011
YP005LC	YPS017	20.97	21.12	0.15	UU2	COAL 47%, SILTSTONE 53%	
YP005LC	YPS018	21.12	21.75	0.63	UU2	COAL 79%, SILTSTONE 16%, CARBONACEOUS MUDSTONE 5%	
YP005LC	YPS019	21.75	22.22	0.47	UU2	COAL 47%, SILTSTONE 49%, CARBONACEOUS SILTSTONE 4%	
YP005LC	YPS020	22.22	22.74	0.52	UU2	COAL 90%, CARBONACEOUS SILTSTONE 10%	
YP005LC	YPS021	22.74	23.02	0.28	UU2	COAL 100%	
YP005LC	YPS022	23.02	23.41	0.39	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	
YP005LC	YPS023	23.41	23.77	0.36	UU2	COAL 83%, CARBONACEOUS SILTSTONE 17%	
YP005LC	YPS024	23.77	23.92	0.15	UU2	CARBONACEOUS SILTSTONE 100%	

Hole Number	YP005LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	17/02/2011 - 18/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage 3
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP005LC	YPS012	16.18	16.54	0.36	UU1	COAL 42%, CLAYSTONE 11%, SILTSTONE 33%, CARBONACEOUS SILTSTONE 14%	No further testing required
YP005LC	YPS013	16.54	17.14	0.60	UU1	COAL 73%, CARBONACEOUS SILTSTONE 27%	Wash analysis on the combined YPS013-YPS014 with YPS001-YPS004
YP005LC	YPS014	17.14	17.94	0.80	UU1	COAL 100%	
YP005LC	YPS015	17.94	18.21	0.27	UU1	COAL 26%, MUDSTONE 37%, CARBONACEOUS MUDSTONE 37%	No further testing required
YP005LC	YPS016	20.74	20.97	0.23	UU2	COAL 100%	Wash analysis on the combined YPS016-YPS024 with YPS005-YPS011
YP005LC	YPS017	20.97	21.12	0.15	UU2	COAL 47%, SILTSTONE 53%	
YP005LC	YPS018	21.12	21.75	0.63	UU2	COAL 79%, SILTSTONE 16%, CARBONACEOUS MUDSTONE 5%	
YP005LC	YPS019	21.75	22.22	0.47	UU2	COAL 47%, SILTSTONE 49%, CARBONACEOUS SILTSTONE 4%	
YP005LC	YPS020	22.22	22.74	0.52	UU2	COAL 90%, CARBONACEOUS SILTSTONE 10%	
YP005LC	YPS021	22.74	23.02	0.28	UU2	COAL 100%	
YP005LC	YPS022	23.02	23.41	0.39	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	
YP005LC	YPS023	23.41	23.77	0.36	UU2	COAL 83%, CARBONACEOUS SILTSTONE 17%	
YP005LC	YPS024	23.77	23.92	0.15	UU2	CARBONACEOUS SILTSTONE 100%	

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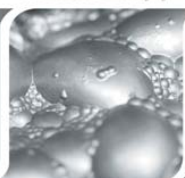
Metallurgy


Coal

Environmental Tribology

Food &

Pharmaceutical Industrial



Coal 

www.alsglobal.com



New Hope Corporation

Testing and Analysis of York Plains coal to liquids samples YP005LC

REPORT NO.: 21008915

REPORT TO: Danique Bax
New Hope Group
3/22 Magnolia Drive
Brookwater
QLD 4300

SAMPLED BY: Client

PURCHASE ORDER: 8200862

DATED REPORTED: 26 July 2011

Greg Van Gestel
Laboratory Manager
ALS Coal Division - Richlands

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS012 Hole: YP005LC Seam: UU1 From: 16.180 m To: 16.540 m Mass: 20.40 kg	Sample: YPS013 Hole: YP005LC Seam: UU1 From: 16.540 m To: 17.140 m Mass: 28.21 kg	Sample: YPS014 Hole: YP005LC Seam: UU1 From: 17.140 m To: 17.940 m Mass: 35.66 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	7.5	5.9	5.9
Ash %	62.7	39.1	23.9
Volatile Matter %	8.4	11.7	13.2
Fixed Carbon %	21.4	43.3	57.0
Free Moisture % (a.r.)	4.6	5.6	6.9
Total Moisture % (a.r.)	12.5	12.8	14.6
Total Sulfur %	0.12	0.24	0.28
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	7.97	18.18	23.77
Calorific Value kcal/kg	1902	4342	5678
Relative Density	1.96	1.66	1.52

All results reported to air dried basis unless noted

a.r. = as received basis

Sample Details	Sample: YPS015 Hole: YP005LC Seam: UU1 From: 17.940 m To: 18.210 m Mass: 13.86 kg	Sample: YPS016 Hole: YP005LC Seam: UU2 From: 20.740 m To: 20.970 m Mass: 9.48 kg	Sample: YPS017 Hole: YP005LC Seam: UU2 From: 20.970 m To: 21.120 m Mass: 7.62 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	7.5	6.7	8.8
Ash %	71.6	30.4	77.4
Volatile Matter %	6.8	9.2	5.8
Fixed Carbon %	14.1	53.7	8.0
Free Moisture % (a.r.)	4.6	8.3	4.0
Total Moisture % (a.r.)	12.1	16.4	12.7
Total Sulfur %	0.11	0.25	0.01
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	4.85	21.93	0.21
Calorific Value kcal/kg	1158	5238	50
Relative Density	2.09	1.57	2.17

All results reported to air dried basis unless noted

a.r. = as received basis

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS018 Hole: YP005LC Seam: UU2 From: 21.120 m To: 21.750 m Mass: 30.46 kg	Sample: YPS019 Hole: YP005LC Seam: UU2 From: 21.750 m To: 22.220 m Mass: 25.31 kg	Sample: YPS020 Hole: YP005LC Seam: UU2 From: 22.220 m To: 22.740 m Mass: 22.11 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	5.7	7.2	5.3
Ash %	40.0	60.5	33.9
Volatile Matter %	9.5	6.9	8.8
Fixed Carbon %	44.8	25.4	52.0
Free Moisture % (a.r.)	6.4	4.9	7.9
Total Moisture % (a.r.)	13.3	12.5	14.6
Total Sulfur %	0.24	0.12	0.29
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	18.23	9.33	20.56
Calorific Value kcal/kg	4354	2230	4912
Relative Density	1.67	1.92	1.63

All results reported to air dried basis unless noted

a.r. = as received basis

Sample Details	Sample: YPS021 Hole: YP005LC Seam: UU2 From: 22.740 m To: 23.020 m Mass: 14.28 kg	Sample: YPS022 Hole: YP005LC Seam: UU2 From: 23.020 m To: 23.410 m Mass: 16.69 kg	Sample: YPS023 Hole: YP005LC Seam: UU2 From: 23.410 m To: 23.770 m Mass: 15.36 kg
PROXIMATE ANALYSIS			
Air Dried Moisture %	5.1	6.2	5.3
Ash %	28.5	39.1	34.6
Volatile Matter %	9.3	8.5	8.5
Fixed Carbon %	57.1	46.2	51.6
Free Moisture % (a.r.)	7.1	6.7	4.2
Total Moisture % (a.r.)	13.6	14.0	10.8
Total Sulfur %	0.34	0.26	0.36
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	22.68	18.12	20.12
Calorific Value kcal/kg	5418	4328	4806
Relative Density	1.56	1.68	1.64

All results reported to air dried basis unless noted

a.r. = as received basis

ANALYSIS AND TESTING REPORT

NEW HOPE CORPORATION

Sample Details	Sample: YPS024 Hole: YP005LC Seam: UU2 From: 23.770 m To: 23.920 m Mass: 7.34 kg		
PROXIMATE ANALYSIS			
Air Dried Moisture %	4.1		
Ash %	86.5		
Volatile Matter %	4.6		
Fixed Carbon %	4.8		
Free Moisture % (a.r.)	3.8		
Total Moisture % (a.r.)	8.4		
Total Sulfur %	0.01		
CALORIFIC VALUE (AD)			
Calorific Value MJ/kg	0.24		
Calorific Value kcal/kg	56		
Relative Density	2.39		

All results reported to air dried basis unless noted

a.r. = as received basis



ACCREDITED TESTS

HARD COAL TEST	ABBREVIATION	STANDARD /REFERENCE
Abrasion Index	AI	AS1038.19
Adiabatic Self Heating		AL035 (In-House)
Ash	A	AS1038.3
Ash Fusibility		AS1038.15
Carbon		AS1038.6.4
Carbonate Carbon	C _m	AS1038.23
Chlorine	Cl	AS1038.8
Crucible Swelling Number	CSN	AS1038.12.1
Dilatometer		AS 1038.12.3
Fixed Carbon	FC	AS1038.3
Float/Sink Analysis	F/S	AS4156.1
Forms of Sulfur	FOS [S _o , S _p , S _s]	AS1038.11
Gieseler		AS1038.12.4.1
Gray King Coke Type	GKCT	AS1038.12.2
Hardgrove Grindability Index	HGI	AS1038.20
Hydrogen	H	AS1038.6.4
Moisture (residual)	M _r	AS1038.3
Moisture Holding Capacity	MHC	AS1038.17
Nitrogen	N	AS1038.6.4
Oxygen	O	AS1038.16
Phosphorus	P	BS1016.14
Relative Density	RD	AS1038.21.1.1
Relative Ignition Temperature	RIT	AL030 (In-House)
Size Analysis		AS3881
Gross Calorific Value	q	AS1038.5
Total Moisture	M	AS1038.1
Total Sulfur	S	AS1038.6.3.3
Volatile Matter	VM	AS1038.3
Ash Analysis		AL044 (In-House) *
COKE TEST	ABBREVIATION	STANDARD /REFERENCE
Proximate Analysis		AS 1038.4

Note(s):

1. Acceptance and reporting of results is in accordance with AS1038.16
2. Sampling by ACIRL is in accordance with the following AS2617 (seams, insitu);
AS4264.1 Sampling Procedures ;
AS4264.4 Determination of Precision and Bias
3. All analyses reported to Air-Dried Basis unless otherwise indicated.
- *4. Ash Analysis performed at ACIRL Maitland laboratory (accreditation held).
Based on AS1038.14.2, variation ICP instead of flame for species excitation.



NON ACCREDITED TEST

The following tests are not covered in by the scope of accreditation relating to the laboratories technical accreditation.

<u>TEST</u>	<u>STANDARD/REFERENCE</u>
Drop Shatter	AS2519
Durham Cone	AS1038.25
Froth Flotation	AS4156.2 and Client Specific Procedures
Mineral Matter	AS1038.22
Pre- Treatment	AS2519
Roadway Dusts	QLD Department of Mines and Energy – Quality of incompatible dust, sampling and analysis of roadway dust in underground coal mine – Coal Mining Safety and Health Act 1999 Recognised Standard – No. 05, July 2003
Roga Index	ISO335
Caking Index	ISO15585
Sapozhnikov	Journal of Mine Metals and Fuels India Oct 1978
Size Adjustment	AS2519

APPENDIX I

CLIENT INSTRUCTIONS



New Hope Group

memo

To: Daniel Caldwell - ACIRL

Copy:

Our Ref:

From: Danique Bax

Date: 01 March 2011

Re: Coal to Liquids Analysis Instructions

Hi Daniel

Please perform the following analyses on the samples from York Plains, Tasmania.

Stage 1

IMPORTANT: This analysis is for New Hope Exploration, and is to be invoiced separately from the Stage 2 analysis, using Purchase Order number 2063920.

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Specific Energy
- Total Moisture
- Total Sulfur
- Calorific Value

Please report these values and await confirmation and further instructions before proceeding with Stage 2 analysis.

Stage 2

IMPORTANT: This analysis is for Coal to Liquids, and is to be invoiced separately from the Stage 1 analysis, using Purchase Order number 2063815.

Please crush the full sample to -6mm, before performing the following:

- Proximate Analysis (Moisture, Ash, Volatile Matter, Fixed Carbon)
- RD
- Total Sulfur
- Calorific Value
- Ultimate Analysis
- Petrographic (Maceral) Analysis

The remaining -6mm crushed sample will then be freighted under the instruction of Rob Neale. 150kg of each bulk sample will be required for further Coal to Liquids analysis.

If you have any problems, or questions, please don't hesitate to contact me. When the Rosevale samples are collected, I will send through any updates to the instructions for analysis.

Regards,

Danique Bax

Hole Number	YP005LC	
Area	York Plains, Tasmania	8-inch
Geologist	Andrew Basson	
Date Sampled	17/02/2011 - 18/02/2011	
Sent to	ACIRL	
Address	1 Acirl St, Riverview, QLD, 4305	
Comment		

							Stage1
Hole	SampNumb	From	To	Thick	Seam1	Lithology	Instructions
YP005LC	YPS012	16.18	16.54	0.36	UU1	COAL 42%, CLAYSTONE 11%, SILTSTONE 33%, CARBONACEOUS SILTSTONE 14%	Proceed
YP005LC	YPS013	16.54	17.14	0.60	UU1	COAL 73%, CARBONACEOUS SILTSTONE 27%	Proceed
YP005LC	YPS014	17.14	17.94	0.80	UU1	COAL 100%	Proceed
YP005LC	YPS015	17.94	18.21	0.27	UU1	COAL 26%, MUDSTONE 37%, CARBONACEOUS MUDSTONE 37%	Proceed
YP005LC	YPS016	20.74	20.97	0.23	UU2	COAL 100%	Proceed
YP005LC	YPS017	20.97	21.12	0.15	UU2	COAL 47%, SILTSTONE 53%	Proceed
YP005LC	YPS018	21.12	21.75	0.63	UU2	COAL 79%, SILTSTONE 16%, CARBONACEOUS MUDSTONE 5%	Proceed
YP005LC	YPS019	21.75	22.22	0.47	UU2	COAL 47%, SILTSTONE 49%, CARBONACEOUS SILTSTONE 4%	Proceed
YP005LC	YPS020	22.22	22.74	0.52	UU2	COAL 90%, CARBONACEOUS SILTSTONE 10%	Proceed
YP005LC	YPS021	22.74	23.02	0.28	UU2	COAL 100%	Proceed
YP005LC	YPS022	23.02	23.41	0.39	UU2	COAL 82%, CARBONACEOUS SILTSTONE 18%	Proceed
YP005LC	YPS023	23.41	23.77	0.36	UU2	COAL 83%, CARBONACEOUS SILTSTONE 17%	Proceed
YP005LC	YPS024	23.77	23.92	0.15	UU2	CARBONACEOUS SILTSTONE 100%	Proceed

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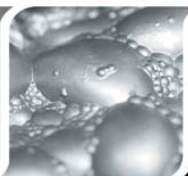
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