

APPENDIX 4

SAMPLE MANIFEST

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Well: Macintyre -2H

RIG: Ensign 918

OPERATOR: PetroFrontier

DATE DISPATCHED: 26 June 2012

COUNTRY: Australia

LOCATION: NT, Georgina Basin

AREA: EP127

From: Geoservices Australasia
Unit 93, Ensign 918,
mudlogger93@gmail.com

To: Petrofrontier (Australia) Pty Ltd
C/O R&M Dehne Pty Ltd
19 Price Street,
Alice Springs.
NT 0870

The sample sets, types, and final destinations are listed below

SET A: 100g Washed and dried cuttings.

Northern Territory Department of Business, Industry and Resource Development

SET B: 100g Unwashed cuttings.

Petrofrontier (Australia) Pty Ltd

SET C: Isotube samples

Att : Chris Boreham
Geoscience Australia
Cnr Jerrabomberra Ave & Hindmarsh Dr
Symonston, ACT 2609

SET D: Glass Vials samples

Att : Chris Boreham
Geoscience Australia
Cnr Jerrabomberra Ave & Hindmarsh Dr
Symonston, ACT 2609

SET E: Plastic Vials samples

Petrofrontier (Australia) Pty Ltd
12/115 Grenfell St,
Adelaide, SA, 5000

SET A: Washed and Dried Cuttings

To: NT Dept of Business, Industry and Resource Dev.

Large Box Number	Small Box Number	Interval (m)	Remarks
01 (Depth: 546m – 858m)	01	546m-650m	4 small sample boxes contained in 1 large sample box.
	02	650m-730m	
	03	730m-810m	
	04	810m-858m	
02 (Depth: 858m –1056m)	05	858m-903m	4 small sample boxes contained in 1 large sample box.
	06	903m-951m	
	07	951m-1008m	
	08	1008m-1056m	
03 (Depth: 1056m – 1278m)	09	1056m-1110m	4 small sample boxes contained in 1 large sample box
	10	1110m-1170m	
	11	1170m-1224m	
	12	1224m-1278m	
04 (Depth: 1278m – 1557m)	13	1278m-1338m	4 small sample boxes contained in 1 large sample box
	14	1338m-1401m	
	15	1401m-1482m	
	16	1482m-1557m	
05 (Depth: 1517m – 1830m)	17	1557m-1620m	4 small sample boxes contained in 1 large sample box
	18	1620m-1692m	
	19	1692m-1758m	
	20	1758m-1830m	
	21	1830m-1916m	1 small sample box.

SET B: Unwashed Cuttings

To: Petrofrontier (Australia) Pty Ltd
12/115 Grenfell St,
Adelaide, SA, 5000

Large Box Number	Small Box Number	Interval (m)	Remarks
01 (Depth: 546m – 1074m)	01	546m-755m	4 small sample boxes contained in 1 large sample box.
	02	755m-879m	
	03	879m-981m	
	04	981m-1074m	
02 (Depth: 1074m – 1401m)	05	1074m-1173m	4 small sample boxes contained in 1 large sample box.
	06	1173m-1254m	
	07	1254m-1335m	
	08	1335m-1401m	
03 (Depth: 1401m – 1668m)	09	1401m-1476m	4 small sample boxes contained in 1 large sample box
	10	1476m-1548m	
	11	1548m-1608m	
	12	1608m-1668m	
04 (Depth: 1668m – 1914m)	13	1668m-1734m	4 small sample boxes contained in 1 large sample box
	14	1734m-1803m	
	15	1803m-1875m	
	16	1875m-1916m	

SET C: Isotube Samples

To:

Att : Chris Boreham (Phone: 02-62499488)
Geoscience Australia
Cnr Jerrabomberra Ave & Hindmarsh Dr
Symonston, ACT 2609

Sample Number	Sample Depth (m)	Total Gas (unit)	Date	Time (hh:mm)
1	1000	85	13-6-2012	20:43
2	1056	182	14-6-2012	05:38
3	1070	292	14-6-2012	07:42
4	1200	23	16-6-2012	12:06
5	1295.5	183	17-6-2012	03:24
6	1400	116	18-6-2012	16:15
7	1415	20	18-6-2012	20:15
8	1472.5	302	19-6-2012	07:35
9	1600	425	20-6-2012	10:20
10	1645	417	20-6-2012	18:50
11	1803	317	22-6-2012	11:30

SET D: Glass vial samples

To:

Geoscience Australia
Cnr Jerrabomberra Ave & Hindmarsh Dr
Symonston, ACT 2609
Att : Chris Boreham (Phone: 02-62499488)

Box Number	Depth Interval (m)
1	546m – 1916m



SET E: Plastic vial samples

To:

Petrofrontier (Australia) Pty Ltd
12/115 Grenfell St,
Adelaide, SA, 5000

Box Number	Depth Interval (m)
1	546m – 1916m

TOTAL NUMBER OF BOXES DISPATCHED FROM RIG SITE = 13

Signed for Geoservices:

Signed for Client:

Company Man
Petrofrontier (Australia) Pty Ltd.