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## NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

### CHEMICAL ANALYSIS REPORT

#### MAY DRILLING PTY LTD

PO BOX 2068  
HUMPTY DOO NT 0836  
AUS

**REPORT CODE:** NT35021  
**Report Date:** 31/01/2013  
**Samples Received:** 10/01/2013  
**Number of Samples:** 2

**Purchase Order:** SS 316655  
**Project:** ROCK CHIP  
**Cost Code:**

NTEL  
ABN 95 095 369 289  
PO Box 1382 Berrimah 0828  
3407 Export Drive  
Berrimah NT 0828  
Ph: (08) 8947 0510  
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**Report Distribution:**  
Seamus May

**Tel:** 0428 530 306  
**Fax:**  
**E-mail:** maydrillingptyltd@bigpond.com

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#### Report Details:

Test results only apply to samples received  
Samples were analysed between 10/01/13 and 31/01/13  
Water samples will be discarded one month from date of report

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#### Comments:

#### Authorisation:

Fiona Dunbar-Smith

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# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT35021

## Methodology:

Analysis	Analytical Method	Technique	Accuracy/ Precision +/-%	Detection Limit	Data Units
Ag	AR05M	ICPMS	10	0.05	ppm
Al	AR05I	ICPOES	10	5	ppm
As	AR05M	ICPMS	10	0.5	ppm
Au	AR05M	ICPMS	10	5	ppb
B	AR05M	ICPMS	10	5	ppm
Ba	AR05M	ICPMS	10	1	ppm
Be	AR05M	ICPMS	10	0.1	ppm
Bi	AR05M	ICPMS	10	0.01	ppm
Ca	AR05I	ICPOES	10	10	ppm
Cd	AR05M	ICPMS	10	0.05	ppm
Ce	AR05M	ICPMS	10	0.01	ppm
Co	AR05M	ICPMS	10	0.01	ppm
Cr	AR05M	ICPMS	10	1	ppm
Cs	AR05M	ICPMS	10	0.01	ppm
Cu	AR05M	ICPMS	10	0.5	ppm
Fe	AR05I	ICPOES	10	5	ppm
Ga	AR05M	ICPMS	10	0.05	ppm
Hf	AR05M	ICPMS	10	0.01	ppm
Hg	AR05M	ICPMS	10	0.05	ppm
In	AR05M	ICPMS	10	0.05	ppm
K	AR05I	ICPOES	10	10	ppm
La	AR05M	ICPMS	10	0.01	ppm
Li	AR05M	ICPMS	10	0.05	ppm
Mg	AR05I	ICPOES	10	10	ppm
Mn	AR05M	ICPMS	10	1	ppm
Mo	AR05M	ICPMS	10	0.05	ppm
Na	AR05I	ICPOES	10	10	ppm
Nb	AR05M	ICPMS	10	0.01	ppm
Ni	AR05M	ICPMS	10	0.1	ppm
P	AR05I	ICPOES	10	10	ppm
Pb	AR05M	ICPMS	10	0.5	ppm
Pd	AR05M	ICPMS	10	5	ppb
Pt	AR05M	ICPMS	10	5	ppb
Rb	AR05M	ICPMS	10	0.05	ppm
Re	AR05M	ICPMS	10	0.05	ppm
S	AR05I	ICPOES	10	20	ppm
Sb	AR05M	ICPMS	10	0.05	ppm
Sc	AR05M	ICPMS	10	0.1	ppm
Se	AR05M	ICPMS	10	2	ppm
Sn	AR05M	ICPMS	10	0.1	ppm
Sr	AR05M	ICPMS	10	0.1	ppm
Ta	AR05M	ICPMS	10	0.01	ppm
Te	AR05M	ICPMS	10	0.05	ppm
Th	AR05M	ICPMS	10	0.01	ppm
Ti	AR05M	ICPMS	10	0.5	ppm
Tl	AR05M	ICPMS	10	0.01	ppm
U	AR05M	ICPMS	10	0.01	ppm
V	AR05M	ICPMS	10	1	ppm

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**Methodology:**

Analysis	Analytical Method	Technique	Accuracy/ Precision +/-%	Detection Data	
				Limit	Units
W	AR05M	ICPMS	10	0.05	ppm
Y	AR05M	ICPMS	10	0.05	ppm
Zn	AR05M	ICPMS	10	0.5	ppm
Zr	AR05M	ICPMS	10	0.5	ppm

# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

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Project: SS 316655

Element:		Ag	Al	As	Au	B	Ba	Be	Bi	Ca
Sample ID	Method:	AR05M	AR05I	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05I
	Units:	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
127781		<0.05	1570	386	40	35	1	0.2	1.06	50
127782		0.05	2720	15.1	55	5	1	1.3	0.49	50

# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT35021

Project: SS 316655

Element:		Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Hf
Sample ID	Method:	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05I	AR05M	AR05M
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
127781		<0.05	43.3	0.58	56	0.09	6.5	9910	0.90	0.16
127782		<0.05	5.95	0.46	96	2.06	3.0	2280	1.05	0.05

# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT35021

Project: SS 316655

Element:		Hg	In	K	La	Li	Mg	Mn	Mo	Na
Sample ID	Method:	AR05M	AR05M	AR05I	AR05M	AR05M	AR05I	AR05M	AR05M	AR05I
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
127781		<0.05	<0.05	100	19.5	0.25	60	11	9.60	30
127782		<0.05	<0.05	1290	5.03	7.85	70	21	11.9	120

# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT35021

Project: SS 316655

Element:		Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S
Sample ID	Method:	AR05M	AR05M	AR05I	AR05M	AR05M	AR05M	AR05M	AR05M	AR05I
	Units:	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
127781		0.03	5.6	480	8.5	<5	<5	0.95	<0.05	60
127782		0.83	3.8	40	20.5	<5	<5	36.1	<0.05	20

# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

REPORT CODE: NT35021

Project: SS 316655

Element:		Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Sample ID	Method:	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
127781		0.45	0.5	<2	0.5	5.0	<0.01	<0.05	3.25	21.0
127782		<0.05	<0.1	<2	4.8	3.1	0.02	0.05	0.25	3.0



# NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

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Project: SS 316655

Element:		Tl	U	V	W	Y	Zn	Zr
Sample ID	Method:	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M	AR05M
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
127781		<0.01	0.63	4	0.20	5.80	6.0	6.5
127782		0.16	0.53	4	0.80	0.70	5.5	1.5