



NT ENVIRONMENTAL
LABORATORIES

NORTHERN TERRITORY ENVIRONMENTAL LABORATORIES

CHEMICAL ANALYSIS REPORT

URANIUM EQUITIES LIMITED

22B Beulah Road
NORWOOD SA 5067
AUSTRALIA

REPORT CODE: NT46514
Report Date: 29/11/2016
Samples Received: 9/11/2016
Number of Samples: 13

Purchase Order: CSS 0515
Project: NM001 - NM0013
Cost Code:

**Intertek Testing Services
(Australia) Pty Ltd**
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Report Details: **NATA ACCREDITATION No: 14610**

1. Test results only apply to samples as received
2. Test results are reported on a dry weight basis



Samples were analysed between 09/11/16 and 29/11/16

Accredited for compliance with
ISO/IEC 17025

Comments:

* Moisture, Sizings & Extraction procedures are not specifically stated in our scope of accreditation.

Authorisation: **Fiona Dunbar-Smith**

Intertek NTEL Signatory

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Methodology:

Analysis	Preparation Code	Analytical Method	Technique	Accuracy/ Precision +/- %	Detection Limit	Data Units
Au	AR05MS	AR05	ICPMS	10	5	ppb
Ag	G400M	G400	ICPMS	10	0.05	ppm
Al	G400I	G400	ICPOES	10	50	ppm
As	G400M	G400	ICPMS	10	0.5	ppm
Bi	G400M	G400	ICPMS	10	0.02	ppm
Cd	G400M	G400	ICPMS	10	0.05	ppm
Cu	G400M	G400	ICPMS	10	0.2	ppm
K	G400I	G400	ICPOES	10	50	ppm
Li	G400M	G400	ICPMS	10	0.1	ppm
Mg	G400I	G400	ICPOES	10	10	ppm
Mo	G400M	G400	ICPMS	10	0.05	ppm
Na	G400I	G400	ICPOES	10	50	ppm
Sb	G400M	G400	ICPMS	10	0.05	ppm
Sc	G400M	G400	ICPMS	10	0.1	ppm
Th	G400M	G400	ICPMS	10	0.01	ppm
Ti	G400I	G400	ICPOES	10	10	ppm
U	G400M	G400	ICPMS	10	0.01	ppm
V	G400M	G400	ICPMS	1	1	ppm
Zn	G400M	G400	ICPMS	10	0.5	ppm
Zr	G400M	G400	ICPMS	10	0.1	ppm
Pb204	G9RC6M	G950	ICPMS	10	0.01	ppb
Pb206	G9RC6M	G950	ICPMS	10	0.01	ppb
Pb207	G9RC6M	G950	ICPMS	10	0.01	ppb
Pb208	G9RC6M	G950	ICPMS	10	0.01	ppb
Pb Tot	G9RC6M	G950	ICPMS	10	0.01	ppb
U	G9RC6M	G950	ICPMS	10	0.01	ppb

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Project: NM001 - NM0013

Element:	Au	Ag	Al	As	Bi	Cd	Cu	K	Li
Method:	AR05	G400	G400	G400	G400	G400	G400	G400	G400
Units:	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID									
NM001	<5	<0.05	1750	1.5	0.04	<0.05	1.0	400	1.6
NM002	<5	<0.05	7.77%	1.0	0.10	<0.05	12.8	1.17%	106
NM003	<5	<0.05	2300	1.0	<0.02	<0.05	0.8	550	1.5
NM004	<5	<0.05	2150	1.0	0.04	<0.05	1.6	550	1.5
NM005	<5	0.15	3.11%	5.5	0.38	<0.05	4.2	250	2.2
NM006	<5	<0.05	3500	0.5	0.26	<0.05	3.2	800	1.7
NM007	<5	<0.05	6.07%	3.0	0.20	<0.05	6.6	3450	8.6
NM008	<5	<0.05	2.42%	1.0	0.10	<0.05	5.2	9550	13.8
NM009	<5	<0.05	5.74%	0.5	0.10	<0.05	1.8	2.47%	5.7
NM010	<5	<0.05	1.45%	0.5	0.02	<0.05	1.6	5700	16.5
NM011	<5	<0.05	1.76%	1.0	0.08	<0.05	3.8	5150	19.2
NM012	<5	<0.05	1.73%	0.5	0.22	<0.05	9.2	7050	13.8
NM013	<5	<0.05	2.30%	1.0	0.04	<0.05	2.2	8650	5.3

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Project: NM001 - NM0013

Sample ID	Element:	Mg	Mo	Na	Sb	Sc	Th	Ti	U	V
	Method: Units:	G400 ppm	G400 ppm	G400 ppm	G400 ppm	G400 ppm	G400 ppm	G400 ppm	G400 ppm	G400 ppm
NM001		60	1.05	<50	0.10	0.3	2.56	130	0.52	6
NM002		10.2%	0.95	150	0.30	24.5	6.19	2.11%	8.73	247
NM003		70	1.25	<50	0.10	0.2	3.34	120	0.55	3
NM004		80	5.90	<50	0.10	0.3	3.93	190	0.70	5
NM005		220	2.15	<50	8.95	11.4	3.07	3800	12.8	247
NM006		370	7.60	100	0.15	0.4	2.20	150	1.32	13
NM007		1390	2.20	100	0.25	22.1	8.73	1.41%	88.4	179
NM008		740	4.60	350	0.20	2.8	3.70	760	0.76	22
NM009		2170	4.55	900	0.20	8.4	10.3	1920	2.58	51
NM010		540	1.35	150	0.15	1.5	2.85	450	1.29	12
NM011		570	1.55	150	0.10	2.2	2.42	890	5.28	19
NM012		680	6.45	150	0.10	1.8	5.07	690	1.57	32
NM013		600	5.45	200	0.10	2.5	3.96	590	0.99	29

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Sample ID	Element:	Zn	Zr	Pb204	Pb206	Pb207	Pb208	Pb Tot	U
	Method: Units:	G400 ppm	G400 ppm	G950 ppb	G950 ppb	G950 ppb	G950 ppb	G950 ppb	G950 ppb
NM001		2.0	6.8	0.11	3.82	2.18	5.94	12.0	2.48
NM002		51.0	333	1.12	62.0	22.0	77.8	163	387
NM003		12.5	18.7	0.08	2.67	1.62	4.89	9.26	9.57
NM004		1.5	25.7	0.21	4.75	3.50	8.84	17.3	11.1
NM005		48.0	79.3	1.97	48.9	33.8	86.4	171	301
NM006		4.5	22.1	0.99	26.4	15.7	43.1	86.3	64.7
NM007		24.5	299	3.37	972	116	666	1760	7540
NM008		3.0	28.2	0.65	14.3	11.0	28.0	54.0	31.1
NM009		6.0	83.2	0.34	8.54	5.95	16.6	31.4	43.3
NM010		2.0	26.0	0.32	7.89	6.16	14.8	29.1	29.2
NM011		3.0	32.1	0.84	46.0	17.5	55.5	120	145
NM012		3.5	66.5	2.18	64.9	38.7	104	210	286
NM013		4.0	32.1	0.72	16.0	10.9	29.9	57.5	53.3