



Amdel Pty Ltd
PO Box 338
Torrensville Plaza SA 5031

ABN 30 008 127 802
Telephone (08) 8416 5200
Facsimile (08) 8234 0355



Mr Andy Bennett
Western Desert Resources Pty Ltd
Level 1, 26 Greenhill Road
WAYVILLE SA 5034

FINAL ANALYSIS REPORT

Your Order No:	BC121205	Our Job Number:	2DN0247
Sample rec'd:	07/12/12	Results reported:	23/01/13
No. of samples:	8	Type of Sample:	1/2 NQ CORE

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 7

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A. - Not Available
L.N.R. - Listed But Not Received

I.S. - Insufficient Sample
R.N.L. - Received But Not Listed

Please Note

- 1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative. 'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.
- 2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'.

A M D E L

ANALYTICAL REPORT

SAMPLE	Au	Ag	As	Ba	Bi	Cd	Ce
121070	2	0.10	2.5	9	<0.1	<0.1	14.5
121071	<1	<0.05	2.5	8	<0.1	<0.1	13.0
121072	<1	0.05	1.0	20	<0.1	<0.1	14.0
121073	2	<0.05	1.5	38	0.1	<0.1	19.5
121074	<1	<0.05	<0.5	49	0.1	<0.1	20.0
121075	2	1.00	1.5	125	2.3	<0.1	31.0
121076	20	0.05	1.0	80	0.8	<0.1	30.5
121077	2	0.05	32.5	440	0.1	0.1	65

UNITS ppb ppm ppm ppm ppm ppm ppm
DET.LIM 1 0.05 0.5 1 0.1 0.1 0.2
SCHEME ARM40MARM40MARM40MARM40MARM40MARM40MARM40M
UPPER SCHEME ARM40

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SAMPLE	Co	Cs	Cu	Dy	Er	Eu	Ga
121070	1.4	0.2	5	<10	<10	<2	1.1
121071	1.2	0.2	7	<10	<10	<2	1.1
121072	0.8	0.5	3	<10	<10	<2	2.0
121073	1.0	1.4	14	<10	<10	<2	3.1
121074	2.0	5.4	2	<10	<10	<2	4.9
121075	5.5	13	175	<10	<10	<2	8.5
121076	6.5	16	4	<10	<10	<2	6.5
121077	12.5	12	37	<10	<10	<2	8.5

UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.2	0.1	1	10	10	2	0.1
SCHEME	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M
UPPER SCHEME	ARM40						

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SAMPLE	Gd	Hg	Ho	In	La	Lu	Mo
121070	< 5	< 0.5	< 5	< 0.5	7.0	< 5	0.4
121071	< 5	< 0.5	< 5	< 0.5	6.5	< 5	2.8
121072	< 5	< 0.5	< 5	< 0.5	7.0	< 5	0.4
121073	< 5	< 0.5	< 5	< 0.5	10.0	< 5	0.4
121074	< 5	< 0.5	< 5	< 0.5	10.0	< 5	< 0.2
121075	< 5	< 0.5	< 5	< 0.5	16.0	< 5	0.4
121076	5	< 0.5	< 5	< 0.5	15.0	< 5	< 0.2
121077	5	< 0.5	< 5	< 0.5	35.0	< 5	9.0

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SAMPLE	Nd	Ni	Pr	Pt	Rb	Ru	Sb
121070	< 10	2	< 5	< 0.01	3.6	< 5	2.7
121071	< 10	4	< 5	< 0.01	3.9	< 5	2.4
121072	< 10	1	< 5	< 0.01	13.5	< 5	0.7
121073	< 10	3	< 5	< 0.01	30.0	< 5	0.4
121074	< 10	8	< 5	< 0.01	48.5	< 5	0.2
121075	15	12	< 5	< 0.01	110	< 5	0.3
121076	15	13	< 5	< 0.01	110	< 5	0.4
121077	30	38	10	< 0.01	140	< 5	0.1

UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	10	1	5	0.01	0.1	5	0.1
SCHEME	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M
UPPER SCHEME		ARM40					

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SAMPLE	Sc	Se	Sm	Sn	Sr	Tb	Te
121070	0.5	<0.5	<10	<1	60	<5	<0.2
121071	<0.5	<0.5	<10	1	41	<5	<0.2
121072	1.0	<0.5	<10	<1	50	<5	<0.2
121073	1.5	<0.5	<10	1	65	<5	<0.2
121074	2.5	<0.5	<10	3	48	<5	<0.2
121075	5.5	<0.5	<10	3	25	<5	<0.2
121076	4.5	<0.5	<10	3	21	<5	<0.2
121077	7.0	<0.5	<10	2	50	<5	<0.2

UNITS
DET.LIM
SCHEME
UPPER SCHEME

ppm ppm ppm ppm ppm ppm ppm ppm
0.5 0.5 10 1 1 5 0.2

ARM40MARM40MARM40MARM40MARM40MARM40MARM40M
ARM40

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A M D E L

SAMPLE	Th	Tl	Tm	U	W	Y	Zn
121070	2.5	<0.1	<5	0.70	<0.5	3.9	3
121071	2.7	<0.1	<5	0.65	<0.5	2.7	2
121072	2.7	<0.1	<5	0.70	<0.5	4.2	4
121073	3.6	0.2	<5	0.85	<0.5	5.5	6
121074	4.7	0.3	<5	1.15	<0.5	3.0	8
121075	10.5	0.7	<5	12.0	<0.5	15.5	32
121076	11.5	0.8	<5	2.8	0.5	17.0	37
121077	20.5	0.8	<5	5.0	2.0	18.5	60

UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.05	0.1	5	0.05	0.5	0.05	1
SCHEME	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M	ARM40M
UPPER SCHEME	ARM40			ARM40		ARM40	

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SAMPLE	Pb	Zr
121070	3.5	18.0
121071	3.0	13.0
121072	3.0	22.0
121073	5.0	9.0
121074	4.5	8.0
121075	7.0	2.0
121076	13.0	<0.5
121077	6.5	6.5

UNITS	ppm	ppm
DET.LIM	0.5	0.5
SCHEME	ARM40	ARM40M
UPPER SCHEME		ARM40