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No. 11,676

EL 2177 / EL 2844 / EL 3700

COCATA

**FINAL REPORT AT LICENCE SURRENDER,
FOR THE PERIOD 9/2/2007 TO 22/9/2010**

Submitted by
Adelaide Resources Ltd and Quasar Resources Pty Ltd
2010

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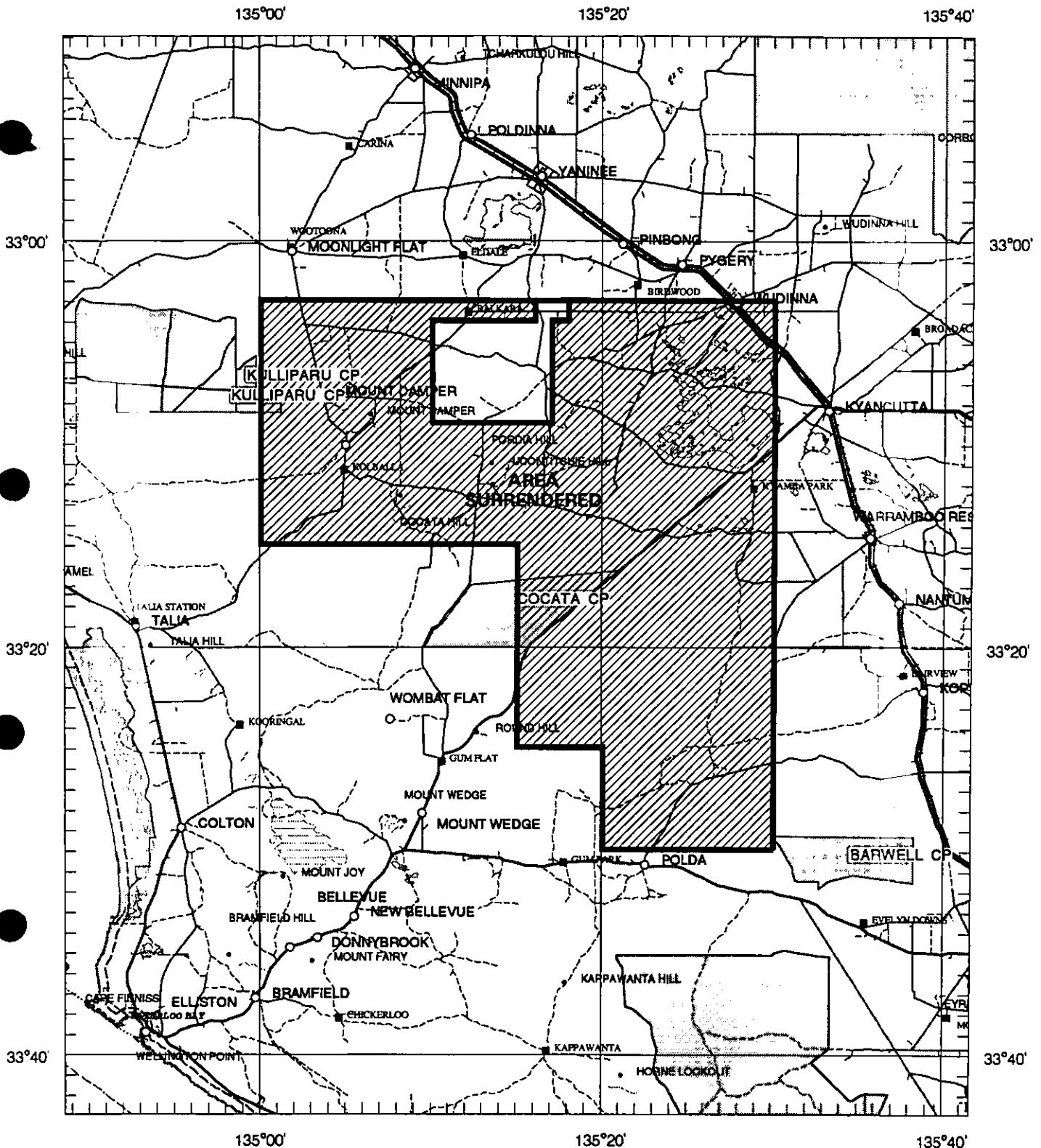
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Facsimile: (08) 8204 1880



Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



EXPIRED



SCALE 1:500 000
KILOMETRES 10 0 10 20 30 40 50 KILOMETRES
LICENCE GRANTED IN : DATUM AGD66

APPLICANT : ADELAIDE RESOURCES NL LTD

FILE REF : 40/96

TYPE : MINERAL ONLY

AREA : 106 km² (approx.)

1:250000 MAPSHEETS : KIMBA

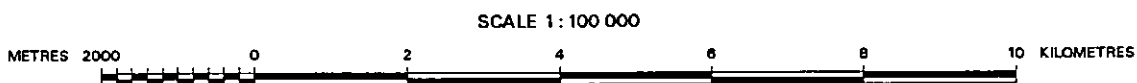
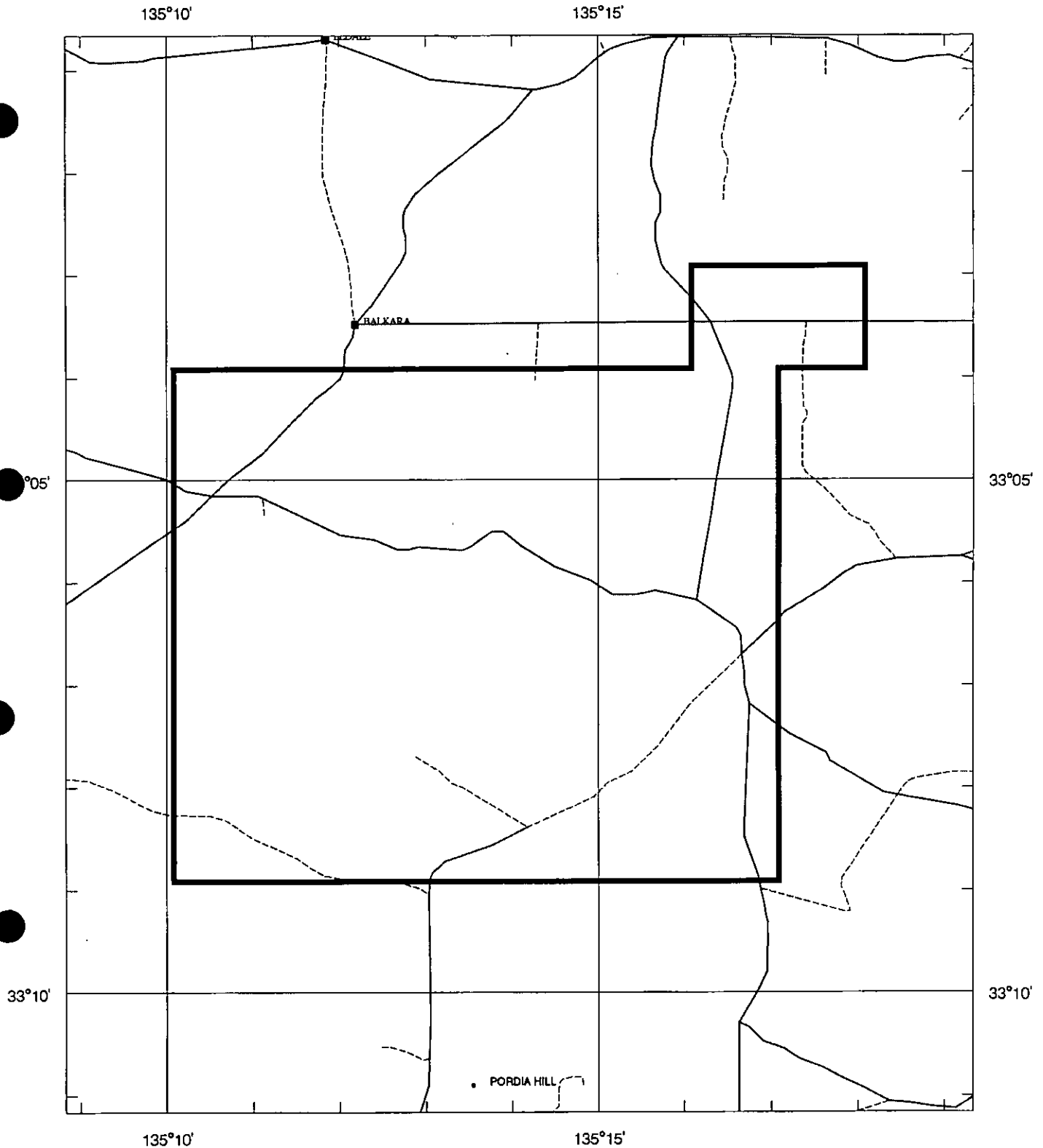
LOCALITY : COCATA AREA - Approximately 100 km southeast of Streaky Bay

DATE GRANTED : 07-Jun-1996

DATE EXPIRED : 06-Jun-2001

EL NO : 2177

SCHEDULE A



APPLICATION LODGED IN : DATUM AGD66



APPLICANT : **ADELAIDE EXPLORATION LTD**

FILE REF : **27/01**

TYPE : **MINERAL ONLY**

AREA : **106 km² (approx.)**

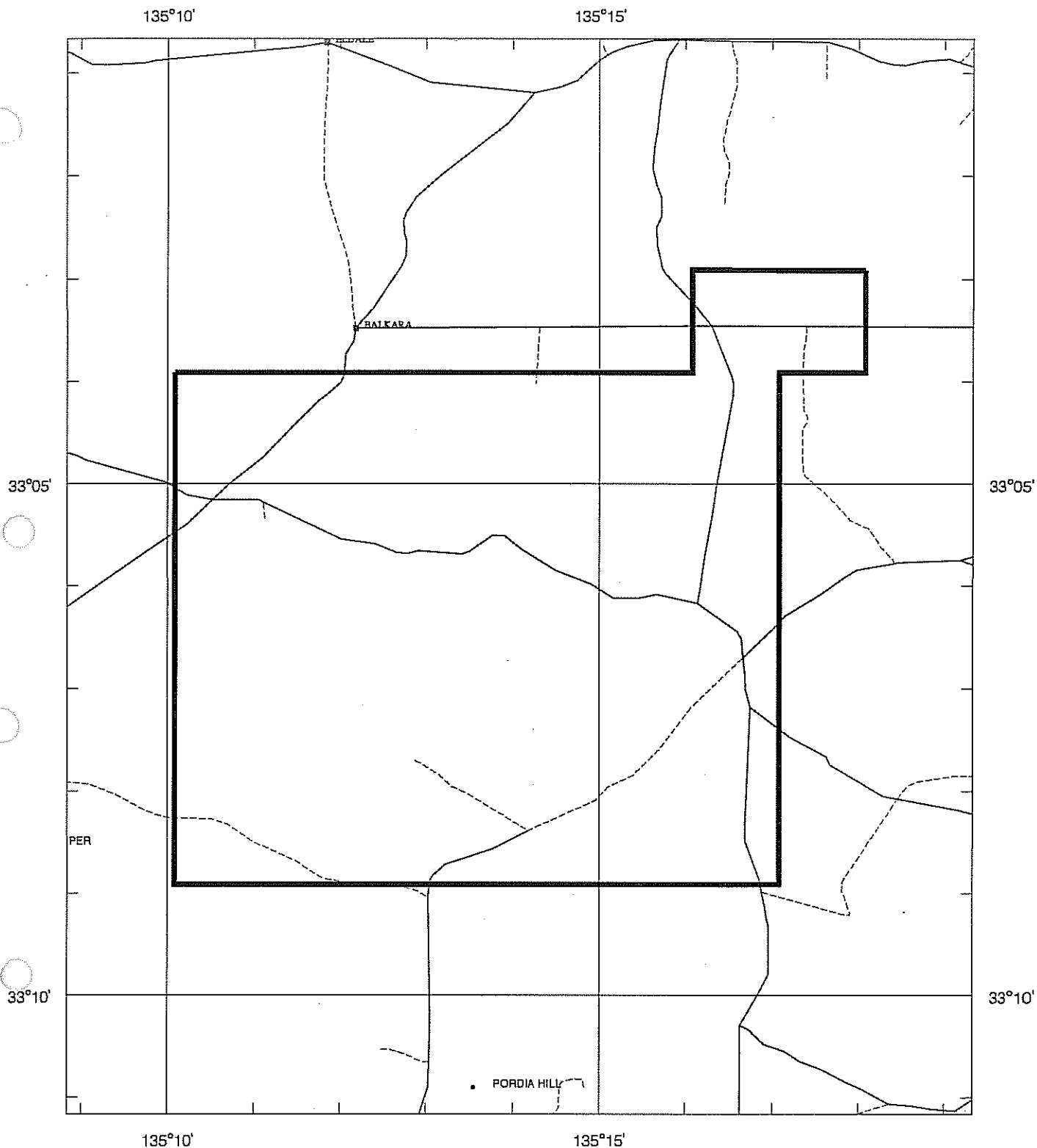
1:250000 MAPSHEETS : **KIMBA**

LOCALITY : **COCATA AREA - Approximately 100 km southeast of Streaky Bay**

DATE GRANTED : **19 September 2001** DATE EXPIRED : **18 September 2002** **EL No : 2844'**

*2003
2004 2005 2006*

SCHEDULE A



SCALE 1:100 000
METRES 2000 0 2 4 6 8 10 KILOMETRES
LICENCE GRANTED IN : DATUM AGD66



APPLICANT : **ADELAIDE EXPLORATION LTD**

FILE REF : **338/06**

TYPE : **MINERAL ONLY**

AREA : **106 km²** (approx.)

1:250000 MAPSHEETS : **KIMBA**

LOCALITY : **COCATA AREA - Approximately 100 km southeast of Streaky Bay**

DATE GRANTED : **09-Feb-2007**

DATE EXPIRED : **08-Feb-2008**

EL NO : **3700**

Adelaide Resources Limited

ACN 061 503 375

**FINAL TECHNICAL REPORT &
RELINQUISHMENT REPORT**

for

Exploration Licence 3700 (2844, 2177)

**Cocata
Eyre Peninsula
South Australia**

For the Period 1 January 2007 – 22 September 2010

Compiled by: Adelaide Resources Limited
Quasar Resources Limited

Report No: AR2010/18
Date: December 2010

Distribution Adelaide Resources Limited
PIRSA

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1. INTRODUCTION

Adelaide Resources Limited Exploration Licences 3185, 3296, 3501, 3546, 3564, 3700, 3705, 3743, 3833, 4145, 4163, 4186, 4191 and 4214 are located on the northern Eyre Peninsula of South Australia (Figure 1). The tenements are being explored for gold, uranium and base metals.

These licences are subject to the Eyre Peninsula Project Amalgamated Expenditure Agreement (AEA) between PIRSA and Eyre Energy (a wholly owned subsidiary of Adelaide Resources Limited). Adelaide Resources has been exploring in the area since 1996.

As part of the AEA, areas of ground are required to be relinquished. In 2010 the whole of the Cocata tenement was relinquished, which covered 106 km². This report deals with the exploration undertaken on this relinquished tenement.

2. LOCATION AND ACCESS

This licence is located within the Kimba 1:250K map sheet in the Wudinna district on the northern Eyre Peninsula in South Australia.

Access to the area is via the sealed Eyre Highway and along good quality unsealed roads and farm tracks.

3. EXPLORATION STRATEGY

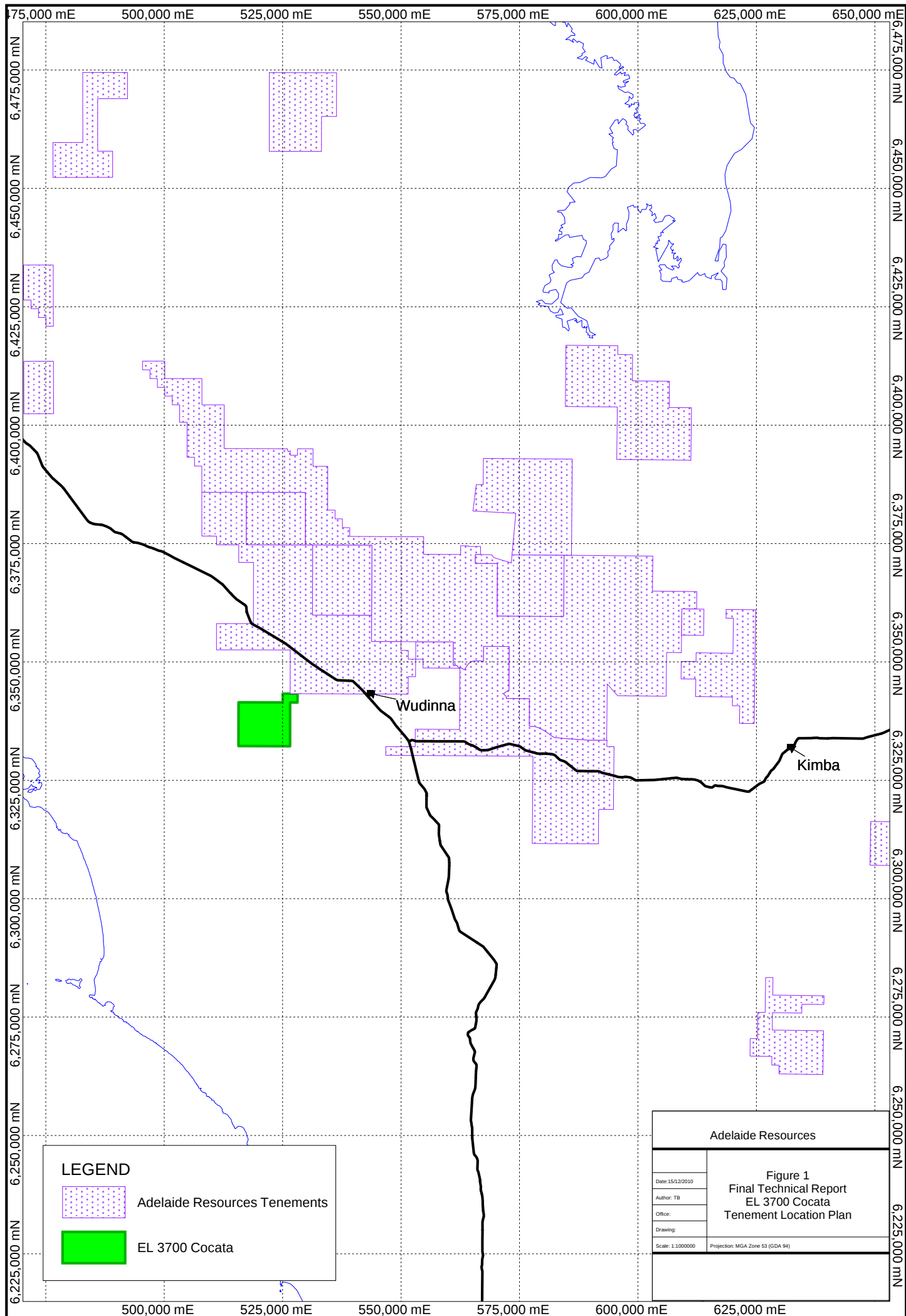
The exploration strategy for the Eyre Peninsula tenements has been to explore predominantly for gold, copper and uranium.

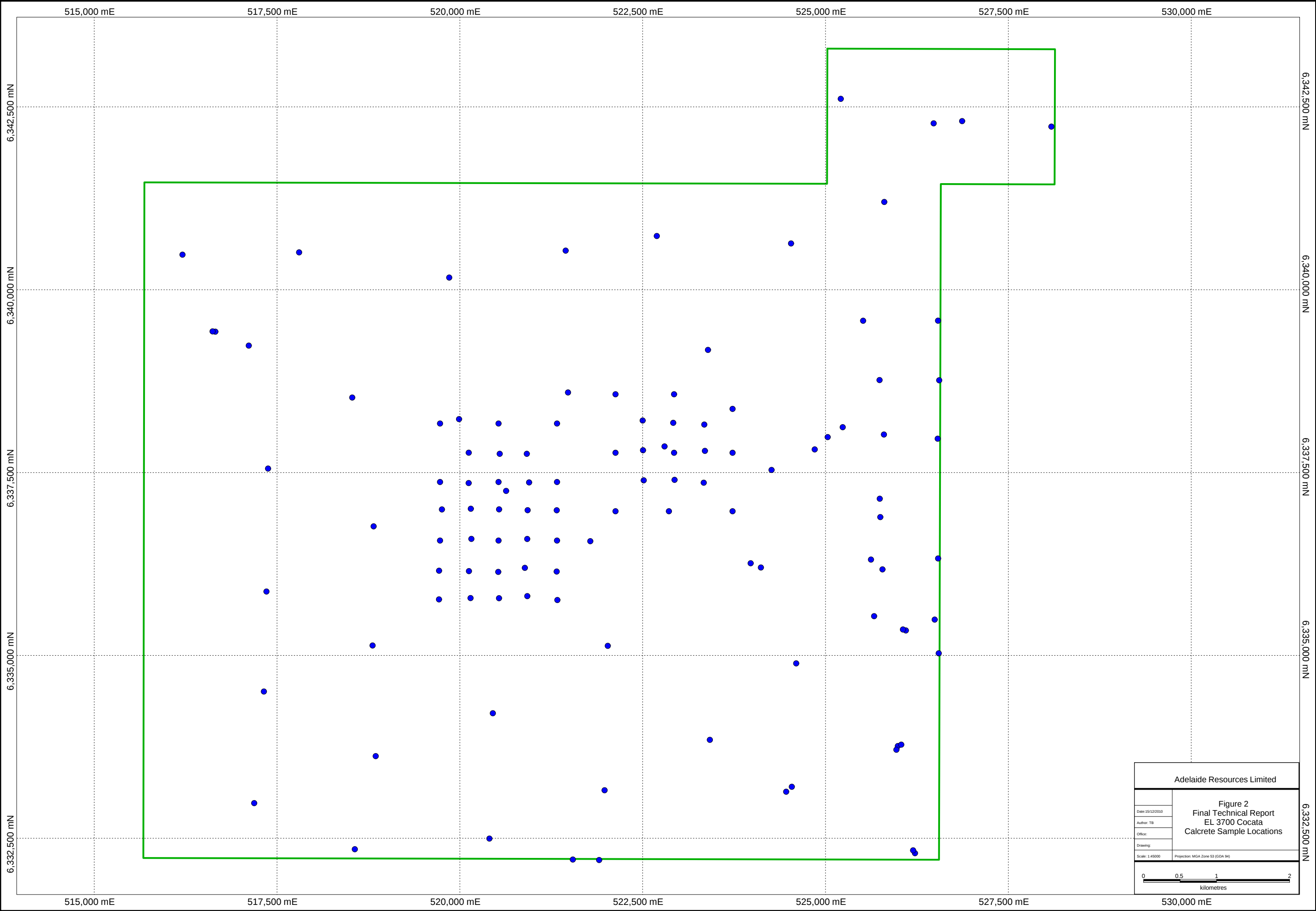
Regional programs of calcrete sampling have been used to identify anomalies that are then followed up with RAB drilling. Further RC and diamond drilling has taken place where RAB drilling results were positive.

No drilling works have been undertaken on the areas relinquished in this report.

4. REGIONAL CALCRETE SURFACE SAMPLING

A total of 114 calcrete samples were taken from the tenement. The majority of which were taken on a regional 1.6km grid pattern, with some 800m and 400m infill grids sampled on more anomalous areas. Figure 2 shows the location of the Calcrete samples.





The maximum gold value, sample E14413, was 15ppb close to the centre of the tenement and maximum copper value, sample E14409, was 18ppm close to the centre of the tenement.

Few samples were followed up with infill calcrete sampling, however the results do not warrant further work.

5. QUASAR RESOURCES JOINT VENTURE

Quasar Resources Pty Ltd is in Joint Venture with Adelaide Resources on 12 exploration licences in the Gawler Craton, South Australia. Quasar's target is palaeochannel-hosted uranium within Tertiary sediments. Work on the relinquished Cocata tenement to date has been rotary mud drilling. A total of 34 rotary mud drillholes were advanced for a total of 2,598m. From the drillholes 365 samples were obtained and submitted for multi-element analysis.

The exploration undertaken by Quasar is included as a complete report, attached as Appendix 2 of this report.

APPENDIX 1

Data from surface samples collected

EL 3700 Cocata Final Technical Report

Appendix 1

Sample ID	Ref_North	Ref_East	Au ppb	Ag ppm	As ppm	Cu ppm	Fe ppm	Mg ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Ca ppm	Pattern	From	To	Class	Acid	Contam	Terrain	Date Sampled	Batch_no
E242	6333590	525860	0.15	-0.0005		2		1100		-1	6	8	11	1200	1.6km	0.6	0.7	9	5	1	14	24/10/1996	6AD3803A_AMA
E216	6339260	516490	0.2	0.001		3		700		1	5	-3	3	1400	1.6km	0.8	0.9	83	4	7	1	23/10/1996	6AD3803A_AMA
E208	6342105	526350	0.15	0.002		3		300		1	5	4	3	1500	1.6km	0.1	1.1	9	5	1	7	23/10/1996	6AD3803A_AMA
E247	6341030	525675	0.25	0.002		2		2100		-1	5	6	9	10200	1.6km	0.5	0.6	8	23	1	17	24/10/1996	6AD3803A_AMA
E248	6342440	525080	0.35	0.004		3		1000		-1	6	4	8	10400	1.6km	1	1.1	8	2	1	17	24/10/1996	6AD3803A_AMA
E241	6332125	526095	0.2	0.003		2		1200		-1	3	-3	8	11000	1.6km	0.8	0.9	8	1	1	17	24/10/1996	6AD3803A_AMA
E243	6335170	525970	0.2	0.003		1		1300		-1	4	-3	10	12200	1.6km	0.7	0.8	3	1	1	17	24/10/1996	6AD3803A_AMA
E1023	6335611	520407	0.45	0.0025		1		2600		1	12	-3	7	17500	1.6km	0.6	0.7	63	3	1	2	16/12/1996	6AD4176A_AMA
E22	6336005	525650	0.4	0.008		7		3200		-1	11	6	11	21600	1.6km	0.4	0.5	3	1	1	146	23/10/1996	6AD3803A_AMA
E249	6337365	524133	0.2	0.002		4		2300		1	9	10	14	25900	1.6km	0.1	0.2	4	1	7	1	24/10/1996	6AD3803A_AMA
E2486	6332031	521776	0.35	0.01		5		4400		1	9	6	9	40000	400m	0.4	0.5	67	1	1	2	21/02/1997	7AD0454_AMA
E2969	6336594	518692	0.6	0.0035		5		5000		-1	14	8	15	43000	1.6km	0.8	0.9	275	1	1	2	24/10/1996	7AD0205_AMA
E2344	6332965	524333	0.5	0.0055		6		4100		2	10	12	12	48000	1.6km	0.1	0.2	23	2	1	8	23/10/1996	7AD0151_AMA
E252	6338060	519860	0.3	-0.0005		1		1200		-1	4	6	4	49400	1.6km	0.1	0.3	4	1	1	1	23/10/1996	6AD3803A_AMA
E31695	6335586	521205	0.94	0.0067	2	7	25500	5600	66		15	8	14	58300		0.7	0.9	267	2	1	2	24/10/1996	538.0/0304314
E31676	6336835	520021	0.39	0.0046	-2	8	12400	3100	54		7	3	9	54300		0.7	0.9	2367	12	1	27	24/10/1996	538.0/0304314
E2727	6336140	525493	0.9	0.0025		5		10100		1	10	4	8	69300	800m	0.9	1.1	36	2	1	2	24/10/1996	7AD0113_AMA
E2751	6339256	516528	0.15	0.0025		5		3400		2	8	8	8	63100	1.6km	0.4	0.5	46	2	1	1	24/10/1996	7AD0151_AMA
E31690	6335613	520017	0.87	0.0019	-2	10	12500	9900	46		8	3	39	85400		0.7	0.9	2367	12	1	2	16/12/1996	538.0/0304314
E31701	6337626	523222	0.17	0.0173	-2	6	8800	3200	190		8	3	7	77900		0.4	0.5	124	2	1	4	23/10/1996	538.0/0304465
E215	6340340	517673	0.5	0.001		2		2100		-1	5	6	4	76100	1.6km	0.2	0.3	5	1	4	14	24/10/1996	6AD3803A_AMA
E2754	6342135	526739	0.1	0.0055		3		1900		2	6	4	6	79000	1.6km	0.3	0.4	4	2	1	1	21/02/1997	7AD0151_AMA
E2960	6334960	521894	0.45	0.0035		3		2400		1	9	6	11	80000	1.6km	0.2	0.3	56	1	1	5	24/10/1996	7AD0205_AMA
E31673	6337223	522385	0.34	0.0049	-2	7	11200	4600	113		8	3	6	84400		0.4	0.6	2367	12	1	46	23/10/1996	538.0/0304314
E244	6336720	525620	0.85	0.006		13		6700		-1	11	12	14	88600	1.6km	0.2	0.4	21	1	3	1	23/10/1996	6AD3803A_AMA
E2958	6333452	518721	0.45	0.0015		4		2800		-1	9	8	12	85000	1.6km	0.2	0.3	57	2	1	2	24/10/1996	7AD0205_AMA
E24	6333675	523290	0.3	0.008		11		6600		-1	11	4	16	94300	1.6km	0.1	0.2	14	1	4	146	24/10/1996	6AD3803A_AMA
E25	6332985	521850	0.35	0.002		4		2700		-1	8	4	9	89700	1.6km	0.1	0.2	2	1	4	146	24/10/1996	6AD3803A_AMA
E2959	6334965	518678	0.35	0.003		3		3300		-1	8	6	10	95000	1.6km	0.3	0.4	247	2	1	2	24/10/1996	7AD0205_AMA
E31681	6337195	520818	0.32	0.0043	-2	10	12800	3400	146		5	-2	6	96300		0.2	0.3	124	2	1	46	16/12/1996	538.0/0304314
E2528	6337792	526405	0.63	0.004		5		5500		1	10	4	7	100000	800m	0.6	0.7	26	1	1	2	23/10/1996	7AD0113_AMA
E4431	6333609	525907	0.7	0.0005		4	6500	2300	40	2	7	-3	4	95000	1.6km	0.1	0.2	41	21	1	8	24/10/1996	7AD0699_AMA
E23	6334720	524470	0.3	0.003		6		2900		-1	8	-3	12	97000	1.6km	0.2	0.3	2	1	4	146	21/02/1997	6AD3803A_AMA
E2545	6340462	524400	0.45	0.002		13		8200		2	12	6	12	106000	1.6km	0.2	0.3	124	1	4	2	24/10/1996	7AD0113_AMA
E31692	6336422	520029	0.93	0.002	-2	9	14100	8900	47		9	4	9	107800		1	1.2	2367	12	1	27	23/10/1996	538.0/0304314
E2964	6335703	517227	1.4	0.0028		3		2400		1	8	6	9	100000	1.6km	0.2	0.3	57	1	1	5	23/10/1996	7AD0205_AMA
E31689	6335595	519586	0.92	0.0021	-2	11	17200	11800	53		12	4	33	116200		0.5	0.7	2367	12	1	2	24/10/1996	538.0/0304314
E31680	6337586	520787	0.39	0.0045	-2	12	8100	8600	101		6	-2	4	122700		0.5	0.7	2367	12	1	46	24/10/1996	538.0/0304314
E2706	6336155	526411	0.5	0.0045		5		6900		-1	10	4	7	120000	800m	0.1	0.2	4	2	1	2	24/10/1996	7AD0113_AMA
E31688	6335987	519587	0.8	0.0022	-2	14	13200	11000	83		9	3	9	128300		0.6	0.8	2367	12	1	2	24/10/1996	538.0/0304314
E2746	6332164	526069	0.35	0.0015		3		2800		2	8	6	8	115000	1.6km	0.1	0.2	4	2	1	1	16/12/1996	7AD0151_AMA
E2527	6337850	525670	0.23	0.002		2		2100		2	7	-3	4	116000	800m	0.2	0.3	46	1	4	5	23/10/1996	7AD0113_AMA
E26	6332325	520275	0.6	0.014		10		6100		-1	13	-3	16	123000	1.6km	0.3	0.4	2	1	1	146	24/10/1996	6AD3803A_AMA

EL 3700 Cocata Final Technical Report

Appendix 1

Sample ID	Ref_North	Ref_East	Au ppb	Ag ppm	As ppm	Cu ppm	Fe ppm	Mg ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Ca ppm	Pattern	From	To	Class	Acid	Contam	Terrain	Date Sampled	Batch_no
E253	6338355	518400	0.95	0.001		5		3000		-1	7	8	5	118000	1.6km	0.1	0.3	4	1	1	1	21/02/1997	6AD3803A_AMA
E31694	6335640	520793	0.16	0.0075	-2	8	8700	5100	120		6	2	5	122000		0.1	0.2	124	2	1	2	24/10/1996	538.0/0304314
E2526	6338594	525610	0.25	0.0015		12		6900		2	11	6	11	125000	800m	0.2	0.3	124	1	4	2	23/10/1996	7AD0113_AMA
E31686	6336026	520760	0.17	0.0092	-2	12	11800	3500	175		8	3	48	120000		0.2	0.3	124	2	1	4	23/10/1996	538.0/0304314
E31674	6337634	522376	0.29	0.0053	-2	11	8700	4100	116		5	-2	4	121400		0.2	0.3	124	12	1	46	24/10/1996	538.0/0304314
E2723	6335366	525536	0.6	0.0013		3		2100		2	7	4	3	120000	800m	0.2	0.3	4	2	1	8	24/10/1996	7AD0113_AMA
E246	6339405	525385	0.7	0.004		12		7400		-1	9	14	13	132000	1.6km	0.2	0.4	24	1	78	1	24/10/1996	6AD3803A_AMA
E31672	6337230	522807	0.21	0.0064	-2	10	8200	5000	149		6	-2	3	130500		0.2	0.3	124	12	1	46	24/10/1996	538.0/0304314
E2342	6336089	523848	0.55	0.0035		4		4000		-1	9	6	10	129000	1.6km	0.1	0.2	4	3	1	4	16/12/1996	7AD0151_AMA
E2744	6335184	525930	0.5	0.003		3		3200		-1	5	4	5	129000	1.6km	0.2	0.3	42	2	1	1	23/10/1996	7AD0151_AMA
E251	6338425	521350	0.95	0.006		4		2300		-1	9	10	4	133000	1.6km	0.1	0.3	4	1	1	1	24/10/1996	6AD3803A_AMA
E2745	6333539	525840	0.9	0.0075		10		6600		1	10	12	10	141000	1.6km	0.4	0.5	426	2	1	1	21/02/1997	7AD0151_AMA
E2974	6339996	519726	0.75	0.0035		14		9000		1	11	8	12	145000	1.6km	0.4	0.5	246	1	1	2	24/10/1996	7AD0205_AMA
E31698	6338010	522789	0.32	0.0067	-2	7	8900	5700	199		9	3	18	140400		0.3	0.4	124	12	1	4	23/10/1996	538.0/0304465
E2546	6339006	523264	0.45	0.002		8		5400		1	12	6	10	140000	1.6km	0.2	0.3	124	1	4	2	23/10/1996	7AD0113_AMA
E31687	6336825	519626	0.25	0.0133	-2	6	8100	3400	128		7	-2	5	140400		0.2	0.3	124	2	1	4	24/10/1996	538.0/0304314
E2530	6336972	525613	0.25	0.0025		3		2800		1	9	4	5	140000	800m	0.2	0.3	41	1	4	2	24/10/1996	7AD0113_AMA
E2520	6339406	526410	1.1	0.004		13		17600		1	9	4	6	181000	800m	0.4	0.5	264	1	1	2	24/10/1996	7AD0113_AMA
E2705	6335319	526364	0.8	0.0015		9		14600		1	9	4	5	177000	800m	0.8	0.9	526	2	1	28	24/10/1996	7AD0113_AMA
E31678	6337601	519993	0.18	0.0062	-2	6	7700	3500	127		7	-2	22	159900		0.2	0.3	124	2	1	46	16/12/1996	538.0/0304314
E31696	6335976	521195	0.32	0.0146	-2	7	9800	4300	185		8	4	6	161900		0.2	0.3	124	2	1	2	23/10/1996	538.0/0304465
E31699	6337986	523214	0.23	0.0144	2	9	12200	5600	370		12	4	11	164500		0.2	0.3	124	2	1	4	24/10/1996	538.0/0304465
E245	6337950	525106	0.3	0.002		8		6500		-1	9	14	13	168000	1.6km	0.2	0.5	21	1	1	1	21/02/1997	6AD3803A_AMA
E31677	6337186	519992	0.24	0.0053	-2	6	5900	4300	155		5	-2	27	168600		0.2	0.3	124	2	1	46	24/10/1996	538.0/0304314
E31671	6337191	523206	0.46	0.0062	-2	7	7500	5900	279		9	2	3	173500		0.3	0.4	124	2	1	46	23/10/1996	538.0/0304314
E31682	6336826	520408	0.2	0.0077	2	8	9000	3300	215		7	-2	5	172700		0.3	0.4	124	2	1	4	23/10/1996	538.0/0304314
E31693	6335971	520396	0.6	0.006	-2	5	6700	5600	56		5	-2	4	182500		0.2	0.3	124	2	1	2	24/10/1996	538.0/0304314
E14413	6336400	520400	15	0.008		8	6650	7400	85	-1	6	-3	6	190000	800m	0.3	0.4	1264	1	1	8	24/10/1996	0AD1308_AMA
E2970	6340309	516078	0.75	0.0035		11		7000		1	13	4	17	190000	1.6km	0.2	0.3	241	2	4	2	24/10/1996	7AD0205_AMA
E2525	6338591	526426	1.2	0.002		7		6200		1	7	4	5	189000	800m	0.2	0.3	413	1	4	2	24/10/1996	7AD0113_AMA
E207	6342060	527960	0.75	0.008		10		7300		-1	8	14	10	191000	1.6km	0.2	0.4	25	1	1	17	16/12/1996	6AD3803A_AMA
E31691	6335982	519995	0.52	0.0054	-2	8	6800	9000	62		7	-2	4	194700		0.4	0.5	124	12	1	2	23/10/1996	538.0/0304314
E2967	6337384	517249	0.35	0.0025		10		7200		1	11	10	16	200000	1.6km	0.2	0.3	214	2	4	2	24/10/1996	7AD0205_AMA
E31683	6336815	520798	0.3	0.0094	-2	10	8800	5900	121		6	-2	5	198200		0.4	0.5	124	2	1	2	21/02/1997	538.0/0304314
E31684	6336814	521196	1.36	0.0067	2	8	10200	5400	124		8	-2	7	199700		0.2	0.3	124	2	1	2	24/10/1996	538.0/0304314
E2371	6337646	524724	0.7	0.007		7		5200		-1	11	8	14	200000	1.6km	0.1	0.2	21	1	1	8	23/10/1996	7AD0205_AMA
E2728	6336031	523988	0.3	0.001		7		8800		2	9	6	4	212000	1.6km	0.5	0.6	246	23	1	2	23/10/1996	7AD0113_AMA
E2487	6332038	521416	0.7	0.0045		4		4700		1	7	-3	5	210000	400m	0.4	0.5	46	1	1	2	24/10/1996	7AD0454_AMA
E2724	6333033	524410	1.8	0.003		11		11000		1	9	6	6	221000	1.6km	0.3	0.4	4	21	1	8	24/10/1996	7AD0113_AMA
E2975	6340364	521318	0.45	0.0068		6		4200		-1	17	12	17	210000	1.6km	0.2	0.3	124	2	4	4	24/10/1996	7AD0205_AMA
E71	6334858	526419	0.7	0.007		9		4300		-1	12	-3	15	212000	1.6km	0.3	0.4	2	1	1	14	24/10/1996	6AD3803A_AMA
E31679	6337586	520416	0.25	0.0025	-2	4	6000	4000	112		6	-2	6	211800		0.1	0.2	124	23	1	46	16/12/1996	538.0/0304314
E7151	6340564	522564	1.4	0.006		10	7750	4600	130	-1	8	-3	6	215000	1.6km	0.2	0.3	14	1	4	2	23/10/1996	7AD1458_AMA

EL 3700 Cocata Final Technical Report

Appendix 1

Sample ID	Ref_North	Ref_East	Au ppb	Ag ppm	As ppm	Cu ppm	Fe ppm	Mg ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Ca ppm	Pattern	From	To	Class	Acid	Contam	Terrain	Date Sampled	Batch_no
E2963	6334335	517191	0.7	0.0045		7		6600		1	13	12	13	225000	1.6km	0.5	0.6	246	1	1	2	24/10/1996	7AD0205_AMA
E31697	6338041	522371	1.2	0.009	3	3	5500	4000	66		8	-2	3	222200		0.1	0.2	124	2	1	4	21/02/1997	538.0/0304465
E14414	6337200	520400	0.2	0.0045		2	5150	5400	30	-1	5	4	4	225000	800m	0.5	0.6	4	1	1	8	24/10/1996	0AD1308_AMA
E2729	6336391	521655	0.4	0.001		3		5200		2	7	4	3	227000	1.6km	0.1	0.2	4	2	1	8	23/10/1996	7AD0113_AMA
E31685	6336421	520792	1.44	0.0061	-2	8	4500	7600	31		6	-2	39	237900		0.1	0.2	124	2	1	2	23/10/1996	538.0/0304314
E2868	6332809	517059	0.2	-0.0005		6		5600		-1	11	6	5	235000	1.6km	0.2	0.3	21	2	1	8	24/10/1996	7AD0352_AMA
E14418	6336800	522730	1.1	0.0065		3	6600	7100	45	-1	6	4	4	255000	800m	0.2	0.3	42	2	1	64	24/10/1996	0AD1308_AMA
E14415	6337200	521200	0.8	0.009		3	4750	5600	90	-1	4	-3	2	255000	800m	0.3	0.4	24	2	1	64	24/10/1996	0AD1308_AMA
E254	6339065	516985	1.3	0.002		2		4000		-1	5	16	3	255000	1.6km	0.1	0.2	4	1	1	1	24/10/1996	6AD3803A_AMA
E2731	6337814	524901	0.7	0.0045		5		7200		2	9	6	4	263000	800m	0.3	0.4	4	2	1	8	16/12/1996	7AD0113_AMA
E14422	6338400	522800	1	0.0045		2	3200	5400	30	-1	4	-3	1	265000	800m	0.2	0.3	2	2	1	4	23/10/1996	0AD1308_AMA
E14424	6338200	523600	0.8	0.0065		3	4950	5800	45	-1	6	4	3	275000	800m	0.3	0.4	2	2	1	2	24/10/1996	0AD1308_AMA
E14412	6336400	519600	0.9	0.003		4	4750	7500	60	-1	5	-3	3	280000	800m	0.3	0.4	4	2	1	8	21/02/1997	0AD1308_AMA
E14411	6337200	519600	1.1	0.0075		6	6150	7500	95	-1	9	6	4	280000	800m	0.2	0.3	4	2	1	4	24/10/1996	0AD1308_AMA
E1022	6334038	520322	1	0.0025		4		5000		1	18	6	5	277000	1.6km	0.2	0.3	4	2	1	2	23/10/1996	6AD4176A_AMA
E14409	6338000	520400	1.4	0.011		18	2550	3700	55	-1	4	-3	1	275000	800m	0.1	0.2	4	2	1	4	23/10/1996	0AD1308_AMA
E14417	6336800	522000	0.5	0.0015		2	4100	3700	40	1	4	-3	2	285000	800m	0.1	0.2	4	2	1	64	24/10/1996	0AD1308_AMA
E2730	6337078	520504	2.6	0.016		6		5600		2	9	6	4	294000	1.6km	0.2	0.3	4	2	1	8	24/10/1996	7AD0113_AMA
E14421	6338000	521200	0.05	0.0085		2	2100	5400	55	-1	3	4	1	295000	800m	0.1	0.2	2	2	1	54	24/10/1996	0AD1308_AMA
E250	6337687	522670	2.65	0.006		4		3800		-1	7	22	8	294000	1.6km	0	0.2	53	1	1	1	24/10/1996	6AD3803A_AMA
E2867	6332179	518435	0.3	0.012		5		5900		1	12	6	4	300000	1.6km	0.4	0.5	42	1	1	45	16/12/1996	7AD0352_AMA
E14423	6338400	522000	0.2	0.002		4	5700	5600	65	1	6	6	4	315000	800m	0.1	0.2	2	2	1	5	23/10/1996	0AD1308_AMA
E14416	6336400	521200	0.6	0.0065		4	6300	5200	195	-1	9	10	4	315000	800m	0.3	0.4	2	1	1	8	24/10/1996	0AD1308_AMA
E14420	6337600	522000	0.1	0.0055		2	3650	4100	150	-1	7	8	2	320000	800m	0.1	0.2	2	2	1	54	21/02/1997	0AD1308_AMA
E14425	6337600	523600	0.2	0.013		2	2250	6200	50	1	4	4	-1	325000	800m	0.1	0.2	2	2	1	5	24/10/1996	0AD1308_AMA
E14419	6336800	523600	1.6	0.0035		4	4450	4700	45	-1	5	4	2	325000	800m	0.3	0.4	42	2	1	8	23/10/1996	0AD1308_AMA
E14410	6338000	519600	1.4	0.003		4	5250	3400	30	1	5	-3	3	335000	800m	0.1	0.2	4	2	1	4	23/10/1996	0AD1308_AMA
E14408	6337600	522800	1.9	0.0025		2	3600	5200	45	-1	5	-3	2	345000	800m	0.1	0.2	4	3	1	4	24/10/1996	0AD1308_AMA

APPENDIX 2

Quasar Resources

Final Technical Report

for

EL 3700 Cocata

ADELAIDE RESOURCES – QUASAR RESOURCES EYRE PENINSULA

RELINQUISHMENT REPORT

EXPLORATION LICENCE 3700

COCATA

Period 1 JANUARY 2007 – 22 SEPTEMBER 2010

Author: David McAvaney

Date: 25 November 2010

Distribution: Quasar Resources (1 digital, 1 hardcopy)

Adelaide Resources (1 digital, 1 hardcopy)

CR 00417

Submitted By:

Approved By:

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A	Drillhole summary metadata (digital file attached)
B	Geophysical Logs

SUMMARY

Quasar Resources Pty. Ltd. has entered into a Joint Venture with Adelaide Resources on twelve (12) exploration licences in the Gawler Craton, South Australia EL 3700 was part of this joint venture. The target commodity is palaeochannel-hosted uranium within Tertiary sediments. Work on the tenements included rotary mud drilling, down hole geophysical logging, gravity data and landowner meetings. EL 3700 Cocata was relinquished in September 2010.

- A total of 34 rotary mud drillholes for a total meterage of 2,598 m were drilled, exploring for sandstone hosted uranium mineralisation.
- The drill traverses were located in logistically favourable areas targeting the Yaninee Palaeovalley defined from the CEC exploration campaigns conducted in the late 1970s – early 1980s.
- Five drill traverses completed across the historically defined Yaninee Palaeovalley.
- Downhole samples (365) were submitted for multi-element analysis.

Tenement	Drillhole type	Number of holes	Number of samples	Metres drilled
EL 3700 Cocata	Rotary Mud	34	365	2,598

Table 1. Work summary for EL 3700

Bibliographic data sheet

REPORT TITLE	Adelaide Resources – Quasar Resources Eyre Peninsula Final Technical Report, Exploration Licence 3700
PROJECT NAME	Corrobinnie JV
TENEMENT NUMBERS	EL 3700
OWNER/JV PARTNERS	Quasar Resources/Adelaide Resources JV
COMMODITIES	Uranium
TECTONIC UNITS	Gawler Craton
STRATIGRAPHIC UNITS	Yaninee Palaeochannel
1:250,000 MAP SHEETS	Kimba
1:100,000 MAP SHEETS	Damper
MAP GRID	Map Grid of Australia (GDA 94, Zone 53)
KEYWORDS	Tertiary, Uranium exploration, Palaeochannels

INTRODUCTION

Quasar Resources Pty Ltd commenced a Joint Venture with Adelaide Resources Limited on the 1 January 2007 which covered twelve (12) exploration licences on the Gawler Craton. EL 3700 Cocata was part of this joint venture. (Figure 1) The joint venture agreement allows Quasar to earn a 60% interest in 5,265 km² of cover sediments by spending \$3 million over a four year period commencing 1 January 2007.

During November and December 2007 a Rotary Mud drilling programme was conducted. A total of 34 rotary mud drillholes were drilled for a total of 2,598 metres. There were 365 downhole samples taken for geochemical analysis (Table 1).

LOCATION AND ACCESS

The exploration licence is situated on the Eyre Peninsula west of Kimba and south of Wirrulla and covers 106.5 km² (Figure 1). This exploration licence is well serviced by local road networks and farm tracks.

LAND TENURE

This licence is either Freehold or Perpetual Leasehold land. Perpetual Leasehold is a form of title offering exclusive possession and is dealt with in a similar way to Freehold Land.

All landowners that the drilling programme was conducted on were issued with Notice of Entry forms and Declared Equipment forms.

HISTORY

Uranium exploration around this area commenced in the late 1960s. Several companies conducted airborne radiometric surveys and ground follow up work. This work was targeted at uranium in the Proterozoic and Archaean basement with only limited attention to Tertiary sediments.

Companies explored for uranium as either mineralisation in the Proterozoic basement or hosted in sandstone. PNC Exploration initially examined the area for palaeochannel uranium deposits by conducting an extensive drilling programme which was then followed by downhole logging and sampling.

GEOLOGY

Regional Geology

The drilling programme was undertaken in the central part of the Gawler Craton on the sand plains of the northern Eyre Peninsula. Scattered outcrops of Archaean-Palaeoproterozoic Sleaford complex, Palaeoproterozoic Hutchinson metasediments and

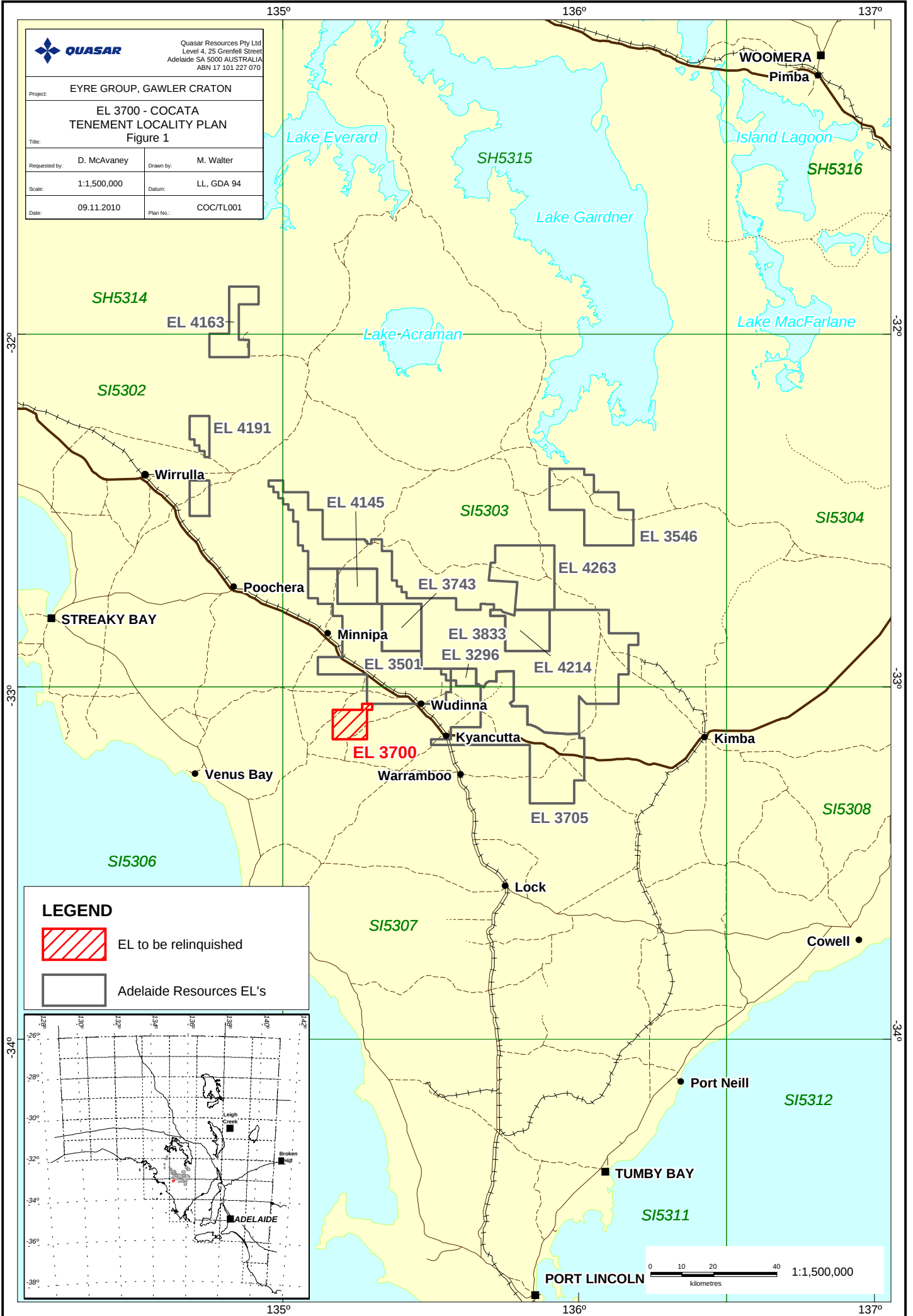


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Adelaide SA 5000 AUSTRALIA
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Project: EYRE GROUP, GAWLER CRATON

EL 3700 - COCATA
TENEMENT LOCALITY PLAN
Figure 1

Requested by:	D. McAvaney	Drawn by:	M. Walter
Scale:	1:1,500,000	Datum:	LL, GDA 94
Date:	09.11.2010	Plan No.:	COC/TL001



Mesoproterozoic Hiltaba Suite granites occur along the southern margins of the Gawler Ranges. To the north, the Gawler Range Volcanics (GRV) crop out, forming topographic highs.

Palaeochannel geology

Significantly weathered pre-Cambrian basement is overlain by Cainozoic sediments. Concealed Eocene to Pliocene palaeochannel sediments consist of reduced clays overlaying reduced, sub-rounded to sub-angular, moderately sorted, high porosity, fine sands to gravel.

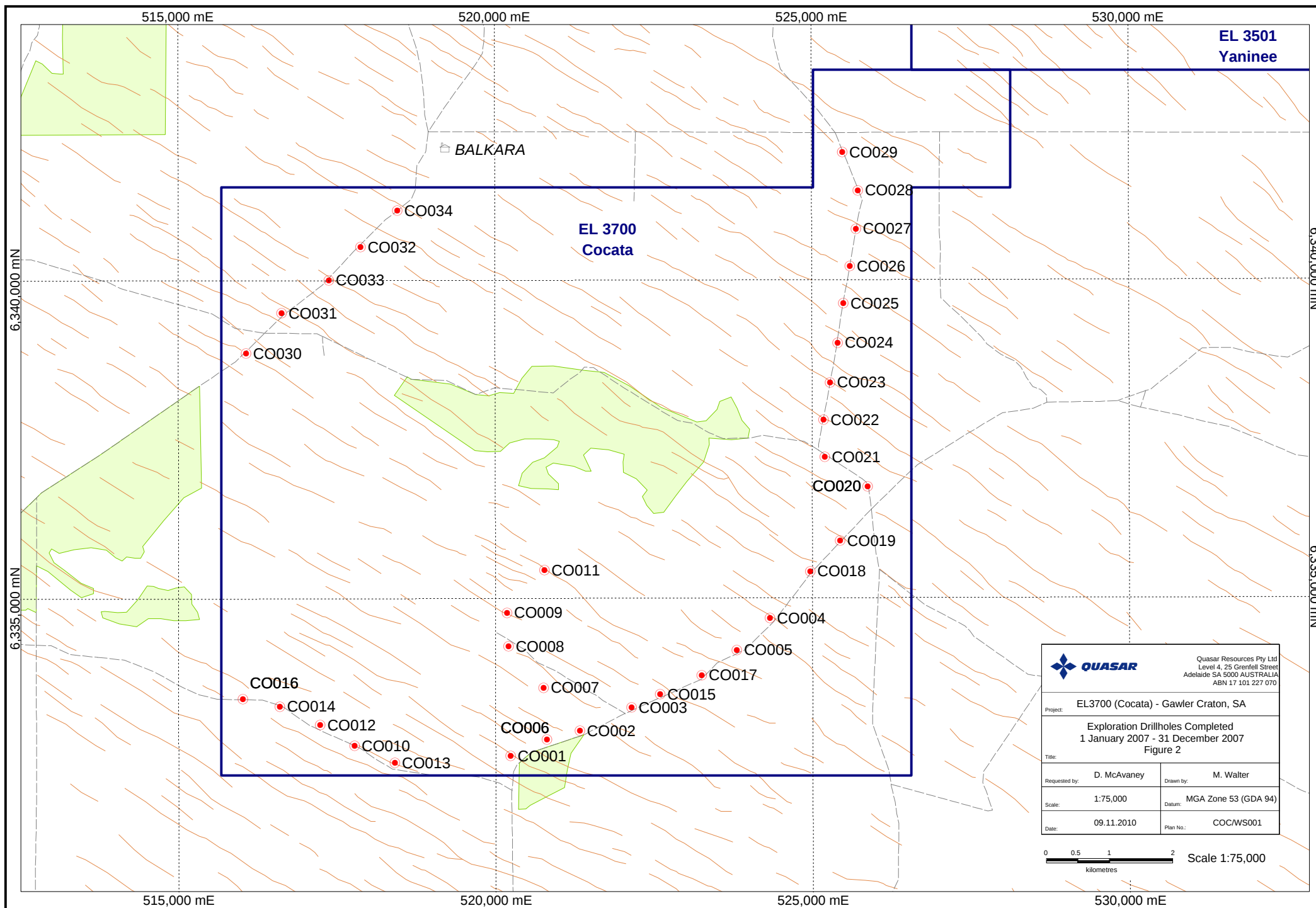
DRILLING

Thirty four (34) drill holes were drilled on five (5) traverses 2,598 m (Figure 2, Table 2).

Collar locations are cited in GDA94, MGA zone 53. Elevation was interpolated from gridded shuttle data (Shuttle Radar Topography Mission - SRTM) downloaded from a website managed by the USGS EROS Data Centre, NASA and the US National Geospatial Intelligence Agency.

All drilling was completed by Watsons Drilling utilising a drilling-mud-stabilised open drillhole mud-rotary technique. Each hole was drilled into basement or blade/rock-roller refusal and geophysically logged for grade and lithological determination (discussed in a later section).

During drilling a chip sample was collected at two metre increments and geologically logged and used in combination with downhole geophysical data to interpret the lithology intersected by the drillhole. These drill chip samples are housed at Beverley Uranium Mine. Composite samples (from two to eight metres) from these drill cuttings were collected and dispatched to ALS for geochemical assay.



HoleID	Easting (mE)	Northing (mN)	RL (m)	EOH (m)
Co001	520237	6332526	76.0	66
Co002	521331	6332915	72.9	115
Co003	522144	6333282	71.1	96
Co004	524329	6334680	75.8	116
Co005	523807	6334181	74.9	110
Co006	520810	6332775	73.9	86
Co007	520761	6333594	76.0	86
Co008	520207	6334242	73.2	84
Co009	520182	6334770	76.1	112
Co010	517778	6332686	80.3	44
Co011	520780	6335437	77.2	12
Co012	517235	6333014	76.6	54
Co013	518414	6332413	76.9	40
Co014	516600	6333305	76.0	54
Co015	522599	6333487	72.6	84
Co016	516019	6333425	77.9	48
Co017	523256	6333784	73.2	126
Co018	524968	6335413	73.8	72
Co019	525444	6335895	75.4	72
Co020	525873	6336751	79.3	82
Co021	525205	6337212	72.2	72
Co022	525185	6337797	72.5	127
Co023	525287	6338386	72.7	72
Co024	525411	6339002	75.3	64
Co025	525500	6339625	81.2	84
Co026	525606	6340206	79.2	78
Co027	525703	6340793	84.0	78
Co028	525735	6341395	83.9	50
Co029	525492	6342001	73.4	54
Co030	516074	6338855	78.3	72
Co031	516636	6339485	77.2	72
Co032	517886	6340523	73.6	72
Co033	517383	6340003	75.3	104
Co034	518469	6341092	76.2	40

Table 2. Drillhole data all drillholes are GDA94, zone 53

Downhole Geophysical Logging

Downhole geophysical logging of drill holes was carried out by Heathgate Resources utilising PFN technology and a Geovista downhole logging suite. Geophysical logging parameters were collected in order to ascertain lithology and uranium grade

Calculations of the equivalent uranium grade are derived from calibrations obtained from data collected at the PIRSA Calibration facility at Glenside, Adelaide, using the two-pit method (Wenk & Dickson, 1981)(Tables 3 & 4).

The equations used to calculate eU_3O_8 are:

$$eU_3O_8 = [(Gamma * KF) / (1 - (Gamma * DT))] * [HSCF] * [DCF]$$

where:

$$HSCF = ([HSC \text{ slope}] * (\ln[\text{hole diameter}])) + [HSC \text{ y-int}]$$

KF = k-factor

DT = deadtime factor

HSC(F) = hole size correction (factor)

DCF = density correction factor

ToolRun	Tool	K-factor (KF)	Dead-time (DT)	HSC slope	HSC y-int	DCF
DGI	gvsDGI1	0.0000252	0.00000438	0.2515	-0.1833	1.16
RSG	G3349	0.00002514	0.00000428	0.0837	0.6012	1.16

Table 3 Calibration constants used to calculate eU_3O_8 .

The equations used to calculate pU_3O_8 are:

$$pU_3O_8 = [(En/Tn) - (PFN \text{ Offset})] * (PFN \text{ slope}) * (HSCF) * (DCF)$$

where:

$$HSCF = ([HSC \text{ slope}] * (\ln[\text{hole diameter}])) + [HSC \text{ y-int}]$$

En = Epithermal Neutrons

Tn = Thermal Neutrons

HSC(F) = hole size correction (factor)

DCF = density correction factor

Tool	PFN Slope	PFN offset	HSC slope	HSC y-int	DCF
PFN10	2.299	0.008	0.38	-0.762	1.00

Table 4 Calibration constants used to calculate pU_3O_8 .

Lithological information is interpreted from geophysical data obtained from neutron, dual resistivity, dual induction, and gamma sondes. Uranium grade information is provided from geophysical data collected from gamma, PFN and caliper sondes.

Best in hole equivalent uranium (eU_3O_8) grades calculated from gamma data are shown in Table 2, with a summary shown in Table 5. Uranium grades from PFN data (pU_3O_8) are not tabulated as there were no intersections above the lower level of detection for the PFN tool.

HoleID	East	North	EOH	MaxGradeInHole	DepthMaxGrade
CO001	520237	6332526	66	0.0037	33.45
CO002	521331	6332915	115	0.0027	93.30
CO003	522144	6333282	96	0.0047	83.70
CO004	524329	6334680	116	0.0093	112.40
CO005	523807	6334181	110	0.0050	101.45
CO006	520810	6332775	86	0.0063	32.35
CO007	520761	6333594	86	0.0074	25.80
CO008	520207	6334242	84	0.0037	31.45
CO009	520182	6334770	112	0.0046	34.43
CO010	517778	6332686	44	0.0051	41.85
CO012	517235	6333014	54	0.0052	37.25
CO013	518414	6332413	40	0.0037	37.25
CO014	516600	6333305	54	0.0064	50.95
CO015	522599	6333487	84	0.0056	24.75
CO016	516019	6333425	48	0.0069	34.45
CO017	523256	6333784	126	0.0063	118.50
CO018	524968	6335413	72	0.0032	35.40
CO019	525444	6335895	72	0.0082	66.30
CO020	525873	6336751	82	0.0084	62.45
CO021	525205	6337212	72	0.0074	63.35
CO022	525185	6337797	127	0.0095	98.95
CO023	525287	6338386	72	0.0060	69.25
CO024	525411	6339002	64	0.0046	33.55
CO025	525500	6339625	84	0.0066	38.35
CO026	525606	6340206	78	0.0088	65.45
CO027	525703	6340793	78	0.0059	75.35
CO028	525735	6341395	50	0.0060	39.60
CO029	525492	6342001	54	0.0062	33.65
CO030	516074	6338855	72	0.0079	37.70
CO031	516636	6339485	72	0.0083	37.59
CO032	517886	6340523	72	0.0059	35.60
CO033	517383	6340003	104	0.0103	34.95
CO034	518469	6341092	40	0.0052	33.70

Table 5 Best in Hole eU₃O₈.

Cross-sectional interpretation

Lithologies have been interpreted from each drillhole using the geological logging of the drill cuttings; and the dual induction, dual resistivity, neutron and gamma response seen in the downhole geophysical logging suite. The geological interpretation with grade information is displayed for each drillhole in figures 3-5.

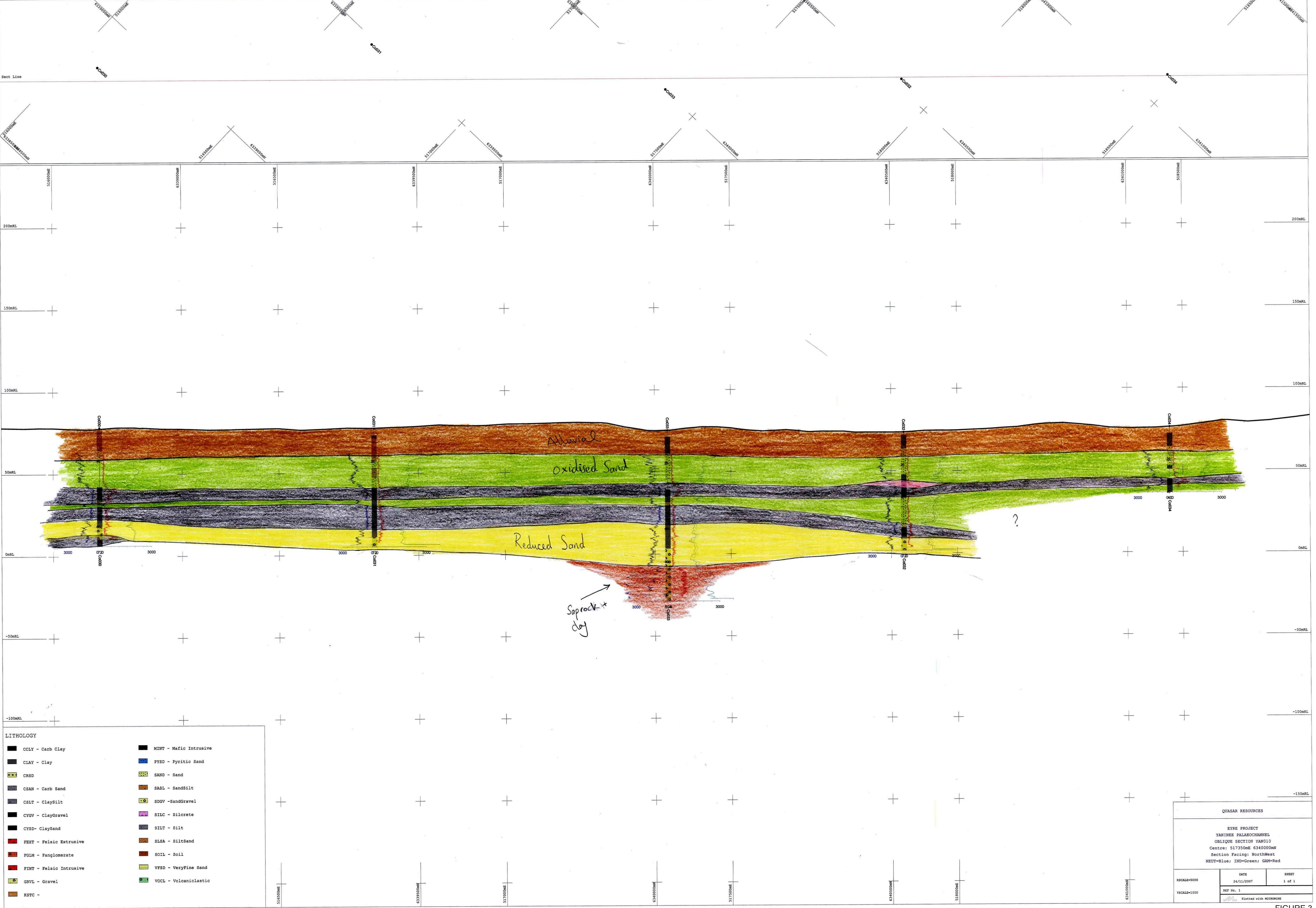


FIGURE 3

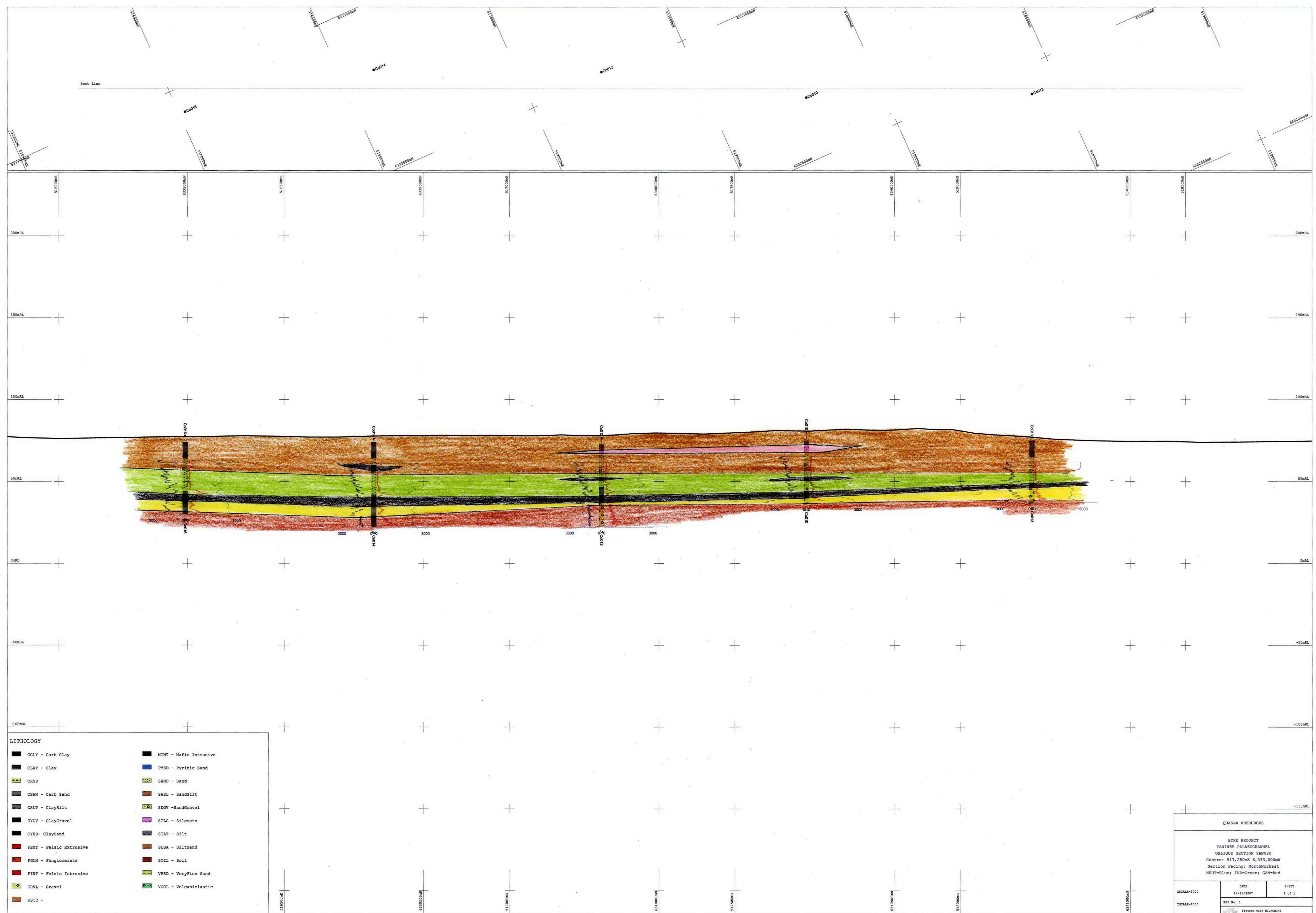


FIGURE 4

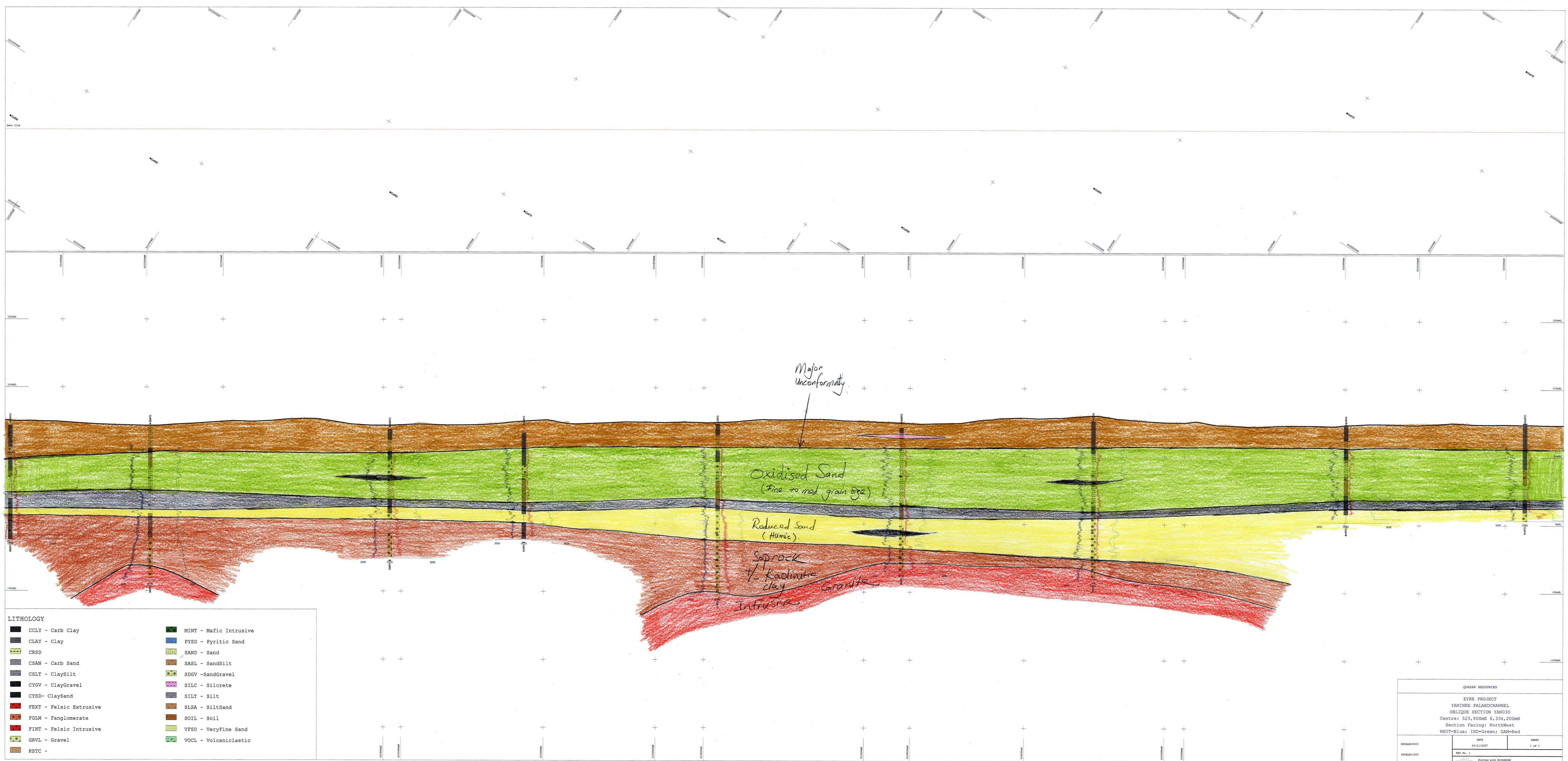


FIGURE 5

Geochemical Analyses

Composite sampling of drill cuttings was undertaken for each drillhole. Holes were sampled at intervals corresponding to visually logged geology. Maximum composite interval for sampling was 8 m. A total of 365 samples were collected and submitted for geochemical analysis by ALS, Adelaide (Table 6). Three different preparation/analytical techniques, each with a specific suite of elements (Table 3), were used. ME-MS62 is a whole rock near-total four acid digest with ICP-AES finish. ME-ICP61 is a four acid digest with ICP-MS finish. TL43 is a gold analysis by aqua regia extraction with ICP-MS finish.

Method ME-MS62			Method ME-ICP61			Method TL43		
Element	Unit	LLD	Element	Unit	LLD	Element	Unit	LLD
U	ppm	0.1	Zn	ppm	2	Au	ppm	0.001
Th	ppm	0.2	Mn	ppm	5			
Cu	ppm	0.2	Se	ppm	0.5			
Pb	ppm	0.5	Sc	ppm	1			
Ag	ppm	0.02	V	ppm	1			
			K	%	0.01			
			Ca	%	0.01			
			Fe	%	0.01			
			Mg	%	0.01			
			Na	%	0.01			

Table 6 Analytical method and element suite. LLD is the lower level of detection.

EXPENDITURE

EL 3700 Cocata expenditure
1 January 2007 - 22 September 2010

	\$
Aircraft Services - Cost Alloc	2,965.29
Analysis & Sampling - External	11,011.61
Camp - Cost Allocation	0.00
Consulting - Geology	569.81
Consulting Fees	5,250.00
Consumable Supplies	438.86
Data & Map Purchases	283.15
Drilling - Rotary Mud	91,316.62
Earthmoving Costs	10,678.00
Entertainment - Non Deductible	33.05
Exploration HO - Cost Alloc	89.20
Exploration Supplies	205.68
External Services	443.30
Freight & Shipping Charges	51.38
Fuel Costs - Plant & Machinery	105.63
Internet/Email Charges	69.91
Management Fee	17,537.62
Manpower	66,003.58
Office Support	4,500.00
Rehabilitation Costs	6,600.00
Rents	3,528.05
Salaries & Wages- Bonus/ICP	8,744.27
Stationery & Printing	148.28
Telephone - Mobile Phone	86.39
Telephone - Satellite Phone	89.82
Travel - Accommodation & Meals	5,470.29
Travel - Car Parking	59.09
Travel - Commercial Flights	368.27
Travel - M/ Vehicle Taxi Fares	103.91
Travel - M/Vehicle Car Hire	1,820.95
	<u>\$238,572.01</u>

Table 7 Expenditure for the period 1 January 2007 – 22 September 2010

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Eyre Peninsula Uranium Information Memorandum

Eyre Energy Prospectus

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EL3700_2010_A_07_FileListing.txt
EL3700_2010_A_01_CollarLocations.txt
EL3700_2010_A_03_Assay.txt
EL3700_2010_A_02_Lithology.txt
EL3700_2010_A_04_GeophysicsGVS.txt
EL3700_2010_A_06_lithocodes.txt
EL3700_2010_A_07_FileListing.txt

(Digital Files Attached)