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COMPANY ANNOUNCEMENTS PLATFORM
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CONTINUING EXCELLENT RESULTS

Mullaquana Uranium Project, Blackbush Prospect

Eyre Peninsula, South Australia

UraniumSA is pleased to provide the results of the drilling completed in the first work rotation of its previously announced 11,000m program at the Blackbush Prospect. This first round of rotary mud drilling has been in the area known as Blackbush West located ~1km west of the existing Inferred Mineral Resource of the Blackbush Prospect (Figure 1).

Highlights from this round of drilling at Blackbush West are;

MRM619	2.064m% with 19.42m of mineralisation at an average grade of 1,063 ppm eU ₃ O ₈ and a peak grade of 15,310 ppm eU ₃ O ₈ (or 1.531% eU ₃ O ₈)
MRM614	1.052m% with 26.42m of mineralisation at an average grade of 398 ppm eU ₃ O ₈ and a peak grade of 1,950 ppm eU ₃ O ₈
MRM620	0.884m% with 23.08m of mineralisation at an average grade of 383 ppm eU ₃ O ₈ and a peak grade of 2,577 ppm eU ₃ O ₈
MRM613	0.829m% with 23.90m of mineralisation at an average grade of 347 ppm eU ₃ O ₈ and a peak grade of 2,350 ppm eU ₃ O ₈
MRM586	0.764m% with 11.94m of mineralisation at an average grade of 640 ppm eU ₃ O ₈ and a peak grade of 1,972 ppm eU ₃ O ₈
MRM587	0.718m% with 27.52m of mineralisation at an average grade of 261 ppm eU ₃ O ₈ and a peak grade of 2,410 ppm eU ₃ O ₈
MRM599	0.616m% with 16.07m of mineralisation at an average grade of 383 ppm eU ₃ O ₈ and a peak grade of 564 ppm eU ₃ O ₈

A GT (grade thickness) accumulation in excess of 0.050m% U₃O₈ is considered to be potentially economically significant.

Full results are given in Table 1 and drill collar locations are shown in Figure 1. Holes are being drilled at 100m intervals along east-west oriented traverses spaced 100m apart.

In the Blackbush West area (the drill holes reported herein) mineralisation has been intersected in successive holes for 200m to 400m in an east-west direction, and within a north-south trending zone which has been drilled over an length of ~1km. Mineralisation remains open to the north and south along trend, and extends out of the area along a part of the western margin (refer to Figure 1).

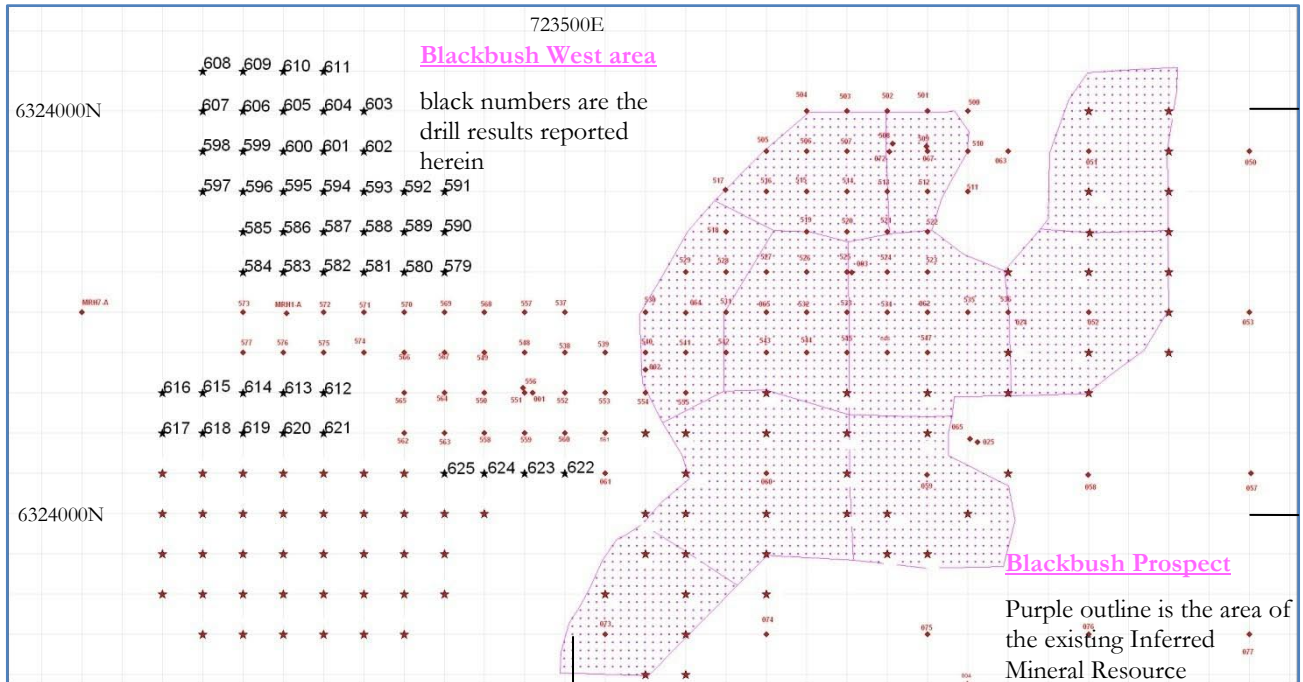
The first round of drilling commenced 7th June and ended 27th June 2010. A second round of drilling in the same area commenced 5th July 2010.

TABLE 1
**Drill holes summary
Blackbush West, Blackbush Prospect, Mullaquana Project**

hole ID	mineralisation					End of hole
MRM	depth to top of mineralisation	cumulative thickness	average grade ppm eU ₃ O ₈	peak grade ppm eU ₃ O ₈	GT m%	
579	no target zone mineralisation					54m
580	no target zone mineralisation					54m
581	56.63	21.52	169	547	0.365	84m
582	57.54	25.51	340	3,209	0.869	84m
583	59.75	12.75	497	2,801	0.633	72m
584	no target zone mineralisation					60m
585	no target zone mineralisation					60m
586	62.11	11.94	640	1,972	0.764	78m
587	58.26	27.52	261	2,410	0.718	90m
588	56.70	21.55	169	378	0.363	88m
589	no target zone mineralisation					66m
590	no target zone mineralisation					48m
591	no target zone mineralisation					51m
592	no target zone mineralisation					66m
593	55.16	5.01	181	420	0.091	82m
594	58.81	15.76	162	408	0.255	78m
595	60.53	11.56	374	1,686	0.432	78m
596	54.52	15.35	148	239	0.227	84m
597	54.62	17.24	130	265	0.224	78m
598	56.36	8.28	200	817	0.166	77m
599	60.94	16.07	383	564	0.616	78m
600	59.60	14.40	330	2,964	0.475	76m
601	58.47	8.58	171	564	0.147	74m
602A	no target zone mineralisation					82m
603	no target zone mineralisation					62m
604	no target zone mineralisation					78m
605	59.96	9.89	181	511	0.179	78m
606	59.42	9.83	238	699	0.234	72m
607	no target zone mineralisation					72m
608	61.96	8.59	370	1,355	0.318	72m
609	60.93	10.58	354	5,400	0.375	90m
610	60.44	2.56	144	267	0.037	84m
611	no target zone mineralisation					58m
612	56.73	17.66	186	800	0.328	84m
613	57.00	23.90	347	2,350	0.829	84m
614	54.53	26.42	398	1,950	1.052	90m
615	58.44	10.82	328	3,150	0.355	84m
616	60.41	11.21	413	1,210	0.463	96m
617	58.80	9.30	591	3,661	0.550	84m
618	57.69	11.81	291	1,180	0.344	84m
619	55.03	19.42	1,063	15,310	2.064	96m
620	52.35	23.08	383	2,577	0.884	90m
621	57.69	19.26	209	1,760	0.403	83m
622	no target zone mineralisation					78m
623	53.92	2.33	118	210	0.028	66m
624	50.70	4.97	215	1,200	0.107	72m
625	51.37	12.83	200	2,460	0.257	83m

The average thickness of potentially economically significant intercepts reported above from the Blackbush West area is 15.25m (range: minimum 4.97m, maximum 26.42m) with a length-weighted average grade through the intercepts of 320 ppm eU₃O₈ (range: minimum 130 ppm eU₃O₈ maximum 591 ppm eU₃O₈).

FIGURE 1
Drill holes locations
Blackbush Prospect, Mullaquana Project



black star and number – holes reported herein
 red dot and number – holes previously reported
 red star no number – holes planned, yet to be drilled.

View north, scale as shown, 100m graticules

Notes

1. Results given are equivalent U_3O_8 obtained from down hole logging with a natural gamma sonde and shown with the prefix “e”.
2. UraniumSA Limited uses a minimum 0.40m intercept length above a 0.01% eU_3O_8 cutoff (or 100 ppm eU_3O_8) with a maximum of 0.10m internal dilution to calculate a grade x thickness (GT) product for that intercept which is reported as a “m%” figure.
3. GT accumulation results given for the above drill hole are the sum of individual intervals which exceed the above minimum criteria.
4. A GT accumulation in excess of 0.050m% U_3O_8 is considered to be potentially economically significant.

About UraniumSA Ltd



UraniumSA is an Adelaide based uranium only explorer specialising in sediment hosted styles of uranium mineralisation within a substantial portfolio of properties in South Australia's Gawler Craton.

The Company has discovered sediment hosted uranium mineralisation within its Mullaquana Project, 20km south of the industrial city of Whyalla on the eastern Eyre Peninsula. The Blackbush Prospect has an Inferred Mineral Resource of 12Mt at 0.02% eU₃O₈ with an estimated 2,700t contained U₃O₈. The Company is working to advance the Blackbush Prospect to an in-situ-recovery field trial as soon as practicable. Continuing drilling to expand the resource base is obtaining intersections significantly above deposit average grade and thickness. The objective is to expand the resource base through incremental addition and new discovery.

Through its own tenure and by Joint Venture the Company has exploration control over what it considers the most prospective portions of the Pirie Basin.

Russel Bluck
Managing Director
UraniumSA Limited

The exploration results mineral resources reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr Russel Bluck and Ms. Nicole Galloway Warland who are employees of UraniumSA Limited. Both are Members of the Australian Institute of Geoscientists and have sufficient experience relevant to the style of mineralisation and type of deposits being considered, and to the activity which is reported to qualify as a Competent Person as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2004 Edition). Mr. Bluck and Ms Galloway Warland consent to the inclusion in the report of matters based on her information in the form and context in which it appears. It should be noted that the abovementioned exploration results are preliminary.