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12<sup>th</sup> May 2009  
Company Announcements Office  
Australian Stock Exchange Limited  
Level 4, Exchange Centre  
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Dear Sir/Madam,

## **POSITIVE PROBE RESULTS FROM DIAMOND DRILLING AND FURTHER CHEMICAL ASSAYS – MARENICA URANIUM PROJECT**

International uranium company West Australian Metals Limited (ASX: **WME**) is pleased to advise that the previously announced program of metallurgical diamond drilling has now been completed at the Company's 80%-owned **Marenica Uranium Project** in Namibia, Southern Africa.

The drilling program has provided a significant quantity of mineralised material, from both palaeochannel and bedrock environments, for metallurgical testwork which will be conducted at Mintek Laboratories, Johannesburg.

Initial downhole probe results have been received from the diamond drilling, and will be incorporated into an updated resource estimate to be completed during 2009 as part of scoping studies into the development of the project. Highlights from the program are tabulated below (Table 1) with better results including:

- **6.2m @ 375 ppm eU<sub>3</sub>O<sub>8</sub> from 0.66m in hole MARD002**
- **7.0m @ 371 ppm eU<sub>3</sub>O<sub>8</sub> from 0.17m in hole MARD006**
- **9.1m @ 242 ppm eU<sub>3</sub>O<sub>8</sub> from 0.13m in hole MARD016**
- **6.0m @ 269 ppm eU<sub>3</sub>O<sub>8</sub> from 1.56m in hole MARD017**
- **21.5m @ 748 ppm eU<sub>3</sub>O<sub>8</sub> from 2.63m in hole MARD031**

Further encouraging chemical assay results have also been received from previous resource-definition RC drilling programs. As part of the Company's ongoing QA/QC procedures, drilling intercepts from previously reported downhole probe results are being systematically checked using chemical assay analysis conducted by Genalysis Laboratories in Perth.

Some 2,000 RC drilling samples were collected last Quarter, mainly from the Priority Area defined by the Company from drilling completed in October 2008 around the current Inferred Resource of 111Mt @ 140ppm U<sub>3</sub>O<sub>8</sub> (17,000 tonnes or 34Mlb of contained U<sub>3</sub>O<sub>8</sub>) and down-channel within the main Marenica palaeochannel.

Highlights from 983 results are tabled below (Table 2) with better assay results including:

- 7m @ 158 ppm U<sub>3</sub>O<sub>8</sub> from 10m in hole MAR284
- 6m @ 184 ppm U<sub>3</sub>O<sub>8</sub> from 30m in hole MAR426
- 1m @ 969 ppm U<sub>3</sub>O<sub>8</sub> from 22m in hole MAR432
- 5m @ 310 ppm U<sub>3</sub>O<sub>8</sub> from 17m in hole MAR530
- 6m @ 210 ppm U<sub>3</sub>O<sub>8</sub> from 44m in hole MAR538
- 5m @ 330 ppm U<sub>3</sub>O<sub>8</sub> from 08m in hole MAR679
- 4m @ 272 ppm U<sub>3</sub>O<sub>8</sub> from 12m in hole MAR680

The original drilling program was designed to test for additional uranium mineralisation in these areas which may contribute to an increase in the current Inferred Resource containing 34 million pounds of U<sub>3</sub>O<sub>8</sub> (see ASX announcement – 30 July 2008). Limited drilling was also completed within the resource area.

Drilling to test targets for primary uranium mineralisation around the margin of the Marenica Dome is continuing.

The Marenica Project is located 70km north of Rio Tinto's Rossing Uranium Mine within one of the world's most significant emerging uranium provinces.

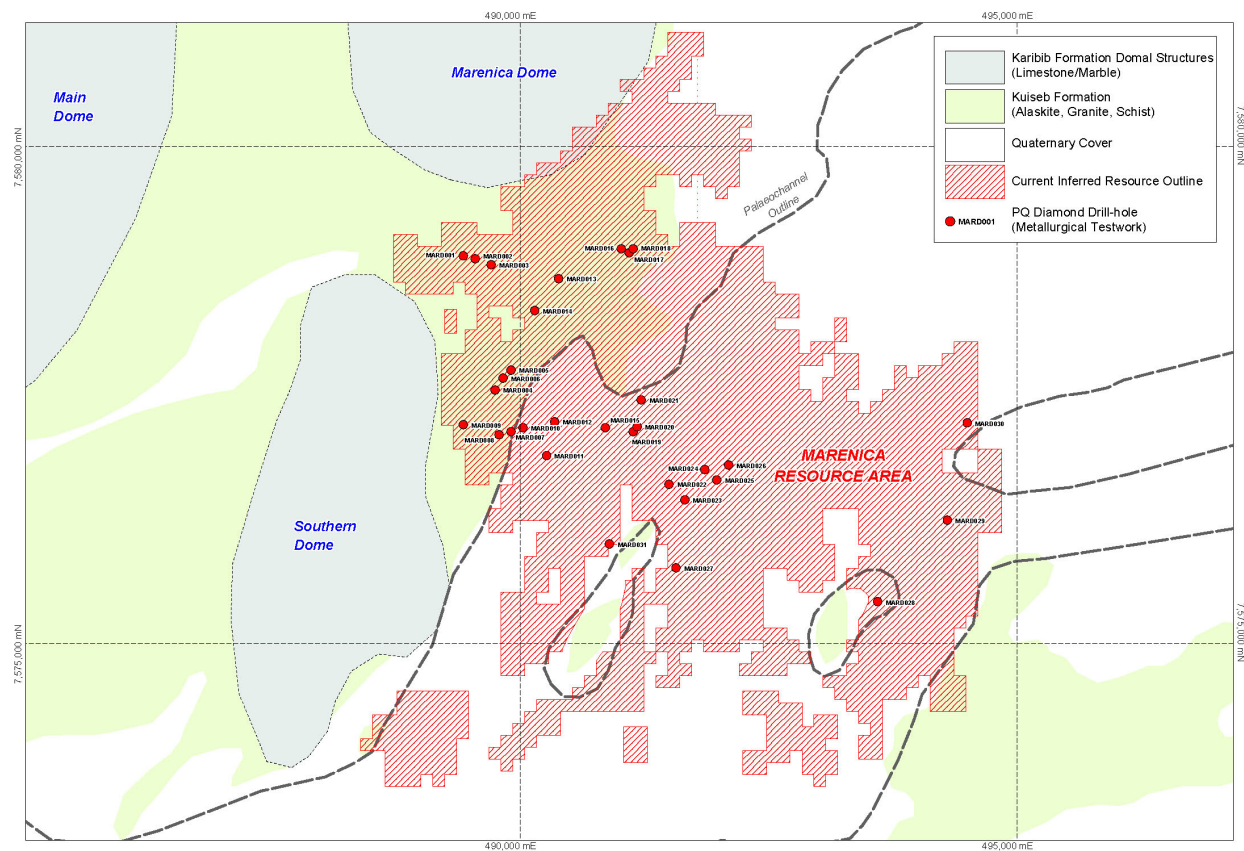


Figure 1: Location of Marenica Project and Metallurgical diamond drill-holes

**Table 1: Significant Results from downhole probing of Metallurgical diamond core drilling (Results expressed as Total Count eU<sub>3</sub>O<sub>8</sub>, Intervals greater than or equal to 80ppm eU<sub>3</sub>O<sub>8</sub>)**

Hole ID	UTM East	UTM North	Depth	Dip	Azimuth	Depth From	Depth To	Interval	eU3O8 (ppm)
MARD001	489430	7578900	8.80	-90	0	0.77	3.57	2.8	205.80
MARD002	489550	7578870	10.50	-90	0	0.66	6.86	6.2	375.35
MARD003	489710	7578810	12.00	-90	0	0.52	4.82	4.3	192.26
MARD003	489710	7578810	12.00	-90	0	9.72	11.32	1.6	235.30
MARD004	489750	7577550	8.50	-90	0	0.1	3.3	3.2	133.44
MARD004	489750	7577550	8.50	-90	0	6.4	7.2	0.8	193.99
MARD005	489910	7577750	15.50	-90	0	0.52	3.02	2.5	201.87
MARD006	489830	7577670	10.70	-90	0	0.17	7.17	7	370.65
MARD009	489430	7577200	6.00	-90	0	0.63	2.63	2	144.01
MARD010	490030	7577170	15.10	-90	0	3	5.1	2.1	113.99
MARD011	490270	7576890	9.24	-90	0	7.04	9.24	2.2	114.46
MARD012	490350	7577230	8.10	-90	0	0.72	3.72	3	129.23
MARD013	490390	7578670	12.00	-90	0	1.84	3.44	1.6	85.20
MARD013	490390	7578670	12.00	-90	0	4.24	6.34	2.1	91.19
MARD014	490150	7578350	18.33	-90	0	6.37	10.27	3.9	97.78
MARD016	491020	7578970	10.50	-90	0	0.13	9.23	9.1	242.36
MARD017	491100	7578930	8.50	-90	0	1.56	7.56	6	269.22
MARD018	491140	7578970	8.60	-90	0	1.6	6.1	4.5	220.03
MARD019	491140	7577130	16.00	-90	0	5.02	14.22	9.2	104.94
MARD020	491180	7577180	10.01	-90	0	5.71	10.01	4.3	249.19
MARD021	491220	7577450	25.00	-90	0	8.24	13.64	5.4	117.87
MARD022	491500	7576600	16.50	-90	0	0.64	3.04	2.4	130.39
MARD022	491500	7576600	16.50	-90	0	5.14	13.84	8.7	98.87
MARD023	491660	7576445	22.00	-90	0	9.67	10.57	0.9	208.17
MARD023	491660	7576445	22.00	-90	0	12.67	21.67	9	299.96
MARD024	491860	7576750	22.00	-90	0	7.24	8.84	1.6	131.45
MARD024	491860	7576750	22.00	-90	0	16.74	17.14	0.4	207.71
MARD025	491980	7576645	28.00	-90	0	12.62	18.12	5.5	98.38
MARD025	491980	7576645	28.00	-90	0	21.42	25.32	3.9	157.22
MARD026	492100	7576795	27.00	-90	0	16.89	22.49	5.6	214.94
MARD027	491570	7575760	40.00	-90	0	16.65	17.55	0.9	159.27
MARD027	491570	7575760	40.00	-90	0	24.55	26.85	2.3	110.82
MARD028	493600	7575420	24.80	-90	0	15.39	19.19	3.8	99.37
MARD029	494300	7576240	48.00	-90	0	14.96	16.46	1.5	91.44
MARD029	494300	7576240	48.00	-90	0	17.76	19.26	1.5	99.46
MARD029	494300	7576240	48.00	-90	0	25.66	27.86	2.2	169.40
MARD029	494300	7576240	48.00	-90	0	30.96	31.86	0.9	110.41
MARD030	494500	7577220	48.70	-90	0	30.3	31.2	0.9	91.26
MARD031	490900	7576000	30.30	-90	0	2.63	24.13	21.5	748.07
MARD031	490900	7576000	30.30	-90	0	27.53	29.13	1.6	115.59

**Table 2: Significant Results from Chemical Assay Results of Palaeochannel Holes  
(Intervals greater than or equal to 80ppm U<sub>3</sub>O<sub>8</sub>)**

Hole ID	UTM	UTM	Dip	Max	Azimuth	Depth	Depth	Interval	U3O8
MAR273	489656	7578073	-90	15	0	2	3	1	127.85
MAR278	490243	7578096	-90	49	0	0	1	1	128.77
MAR279	490382	7578092	-90	15	0	0	2	2	92.99
MAR280	490499	7578090	-90	22	0	15	17	2	115.47
MAR281	490619	7578076	-90	40	0	3	4	1	85.39
MAR282	490736	7578072	-90	31	0	0	1	1	134.30
MAR284	490742	7578212	-90	19	0	10	17	7	157.61
MAR285	490619	7578208	-90	15	0	1	4	3	132.77
MAR288	490261	7578211	-90	17	0	0	1	1	111.33
MAR290	490021	7578206	-90	15	0	0	1	1	91.82
MAR296	489297	7578201	-90	9.1	0	2	3	1	80.05
MAR300	489658	7578331	-90	15	0	3	4	1	95.95
MAR304	490144	7578362	-90	19	0	12	15	3	138.93
MAR307	490487	7578373	-90	19	0	8	15	7	107.94
MAR309	490737	7578329	-90	15.1	0	1	2	1	149.19
MAR353	491831	7579075	-90	18	0	1	2	1	115.25
MAR379	492065	7579654	-90	17	0	1	3	2	98.32
MAR382	491703	7579659	-90	15	0	1	2	1	96.01
MAR383	491818	7579782	-90	16	0	1	2	1	117.02
MAR384	491941	7579781	-90	16	0	2	3	1	84.02
MAR389	491812	7580025	-90	16	0	0	1	1	100.17
MAR390	491934	7580023	-90	15	0	1	3	2	89.35
MAR392	492056	7580138	-90	15	0	1	3	2	100.23
MAR394	491818	7580141	-90	19	0	1	2	1	94.69
MAR416	490903	7577782	-90	26	0	0	1	1	133.09
MAR418	491141	7577781	-90	18	0	2	3	1	105.49
MAR419	491259	7577779	-90	18	0	1	5	4	110.78
MAR420	491380	7577775	-90	25	0	2	3	1	81.59
MAR420	491380	7577775	-90	25	0	6	7	1	97.89
MAR421	491503	7577781	-90	19	0	8	9	1	95.81
MAR421	491503	7577781	-90	19	0	11	12	1	80.79
MAR422	491620	7577780	-90	15	0	6	7	1	108.92
MAR423	491743	7577777	-90	15	0	0	2	2	85.88
MAR423	491743	7577777	-90	15	0	13	14	1	89.59
MAR424	491858	7577779	-90	21.2	0	1	4	3	82.11
MAR424	491858	7577779	-90	21.2	0	5	8	3	88.44
MAR425	491981	7577782	-90	36	0	3	4	1	112.67
MAR426	492101	7577777	-90	55	0	23	24	1	326.19
MAR426	492101	7577777	-90	55	0	30	36	6	184.43
MAR426	492101	7577777	-90	55	0	39	40	1	121.74
MAR427	491977	7577647	-90	37	0	4	6	2	109.98
MAR427	491977	7577647	-90	37	0	20	21	1	183.23
MAR429	491497	7577898	-90	19	0	1	4	3	106.28
MAR431	491739	7577891	-90	25	0	12	13	1	80.09
MAR431	491739	7577891	-90	25	0	19	22	3	118.20
MAR432	491495	7577640	-90	31	0	5	6	1	81.55
MAR432	491495	7577640	-90	31	0	10	15	5	102.18
MAR432	491495	7577640	-90	31	0	22	23	1	968.88

**Table 2 (continued): Significant Results from Chemical Assay Results of Palaeochannel Holes  
(Intervals greater than or equal to 80ppm U<sub>3</sub>O<sub>8</sub>)**

Hole ID	UTM	UTM	Dip	Max	Azimuth	Depth	Depth	Interval	U3O8
MAR433	489788	7578481	-90	15	0	1	3	2	116.77
MAR433	489788	7578481	-90	15	0	1	3	2	94.72
MAR437	491836	7578805	-90	15	0	0	1	1	106.53
MAR439	491831	7578609	-90	15	0	2	3	1	80.71
MAR439	491831	7578609	-90	15	0	4	6	2	88.21
MAR440	491840	7578440	-90	21	0	1	4	3	99.63
MAR441	491842	7578314	-90	30	0	1	5	4	128.32
MAR442	491840	7578200	-90	33	0	0	1	1	96.77
MAR442	491840	7578200	-90	33	0	4	8	4	86.78
MAR529	492700	7574000	-90	24	0	4	5	1	467.51
MAR529	492700	7574000	-90	24	0	15	16	1	84.91
MAR530	492700	7574200	-90	35	0	17	22	5	309.65
MAR535	492700	7575200	-90	35	0	0	5	5	86.51
MAR535	492700	7575200	-90	35	0	7	12	5	125.92
MAR535	492700	7575200	-90	35	0	15	18	3	129.25
MAR536	492700	7575400	-90	35	0	19	26	7	159.18
MAR537	492700	7576200	-90	45	0	28	32	4	121.83
MAR538	492700	7576400	-90	56	0	13	16	3	106.77
MAR538	492700	7576400	-90	56	0	23	25	2	93.49
MAR538	492700	7576400	-90	56	0	38	39	1	92.04
MAR538	492700	7576400	-90	56	0	44	50	6	210.05
MAR539	492700	7576600	-90	45	0	10	11	1	92.26
MAR539	492700	7576600	-90	45	0	25	27	2	153.59
MAR539	492700	7576600	-90	45	0	31	32	1	108.14
MAR539	492700	7576600	-90	45	0	33	34	1	89.44
MAR540	492700	7576800	-90	45	0	16	17	1	95.06
MAR541	492700	7577000	-90	45	0	17	18	1	107.19
MAR541	492700	7577000	-90	45	0	22	23	1	111.98
MAR542	492700	7577200	-90	45	0	14	18	4	112.57
MAR542	492700	7577200	-90	45	0	22	23	1	106.38
MAR542	492700	7577200	-90	45	0	27	28	1	95.31
MAR544	492700	7577600	-90	45	0	30	31	1	94.85
MAR545	492700	7577800	-90	45	0	30	31	1	97.90
MAR676	490750	7575900	-90	50	0	7	8	1	133.51
MAR676	490750	7575900	-90	50	0	13	14	1	167.22
MAR676	490750	7575900	-90	50	0	37	38	1	101.85
MAR678	491050	7576300	-90	39	0	8	10	2	381.95
MAR678	491050	7576300	-90	39	0	25	26	1	165.59
MAR678	491050	7576300	-90	39	0	32	33	1	410.14
MAR679	491050	7576100	-90	40	0	0	5	5	158.31
MAR679	491050	7576100	-90	40	0	8	13	5	329.99
MAR679	491050	7576100	-90	40	0	25	26	1	830.69
MAR679	491050	7576100	-90	40	0	30	31	1	152.09
MAR680	491050	7575900	-90	31	0	12	16	4	271.86
MAR815	489100	7576600	-90	23	0	10	11	1	115.28
MAR823	489100	7575000	-90	15	0	5	6	1	100.56
MAR825	489100	7574600	-90	25	0	11	12	1	252.65

Yours faithfully,



David Semmens  
Company Secretary

Notes

*Information in this report that relates to exploration results reflects information compiled by Paddy Reidy Principal Geological Consultant of CSA Global Pty Ltd who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is reporting on as a Competent Person as defined in the 2004 Edition of "The Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves." Mr Reidy consents to the inclusion in this report of the matters based on the information compiled by him, in the form and context in which it appears.*

*Information in this announcement that relates to Mineral Resources reflects information compiled by Jonathon Abbott and Arnold van der Heyden of Hellman and Schofield. Mr. Abbott has more than five years experience in the field of Exploration Results and is a competent person in terms of JORC standards for Exploration Results and of resource estimation in general. Mr. van der Heyden has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is reporting on as a Competent Person as defined in the 2004 Edition of "The Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves." Mr. Abbott and Mr. van der Heyden consent to the inclusion in this announcement of the matters based on the information compiled by them, in the form and context in which it appears.*