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Marenica Uranium Project – Drilling Update

KEY POINTS

- **Over 4,000m of RC drilling completed during August, with a total of 5,289m now completed since the start of drilling in July**
- **Further excellent probe results received from both historical and new drill holes not included in current Inferred Resource (111Mt @ 140ppm eU_3O_8)**
- **Preliminary resource upgrade calculation due in October with final estimate due in December 2009**

International uranium company West Australian Metals Limited (ASX: **WME**) is pleased to provide a further update on the progress of the resource in-fill and extension drilling campaign at its 80%-owned **Marenica Uranium Project** in Namibia, Southern Africa.

Excellent progress has been achieved with the RC resource drilling program, with a total of 279 holes for 4,104 metres completed during August, bringing total drilling since the commencement of the program in July to 5,289 metres.

Drilling during August included 20 holes for 300 metres of resource extension drilling and 259 holes for 3,804 metres of in-fill resource drilling.

Recent probe results from the wide-spaced extensional and in-fill drilling are highlighted below:

2.6m	@	107ppm eU_3O_8	from	3.49m	in MAR1019
2.0m	@	171ppm eU_3O_8	from	0.65m	in MAR1045
5.1m	@	125ppm eU_3O_8	from	8.79m	in MAR1072
10.3m	@	193ppm eU_3O_8	from	1.14m	in MAR1076
5.0m	@	252ppm eU_3O_8	from	1.45m	in MAR1077
4.8m	@	272ppm eU_3O_8	from	0.44m	in MAR1086
5.6m	@	213ppm eU_3O_8	from	0.89m	in MAR1093
4.2m	@	262ppm eU_3O_8	from	1.26m	in MAR1105
4.1m	@	455ppm eU_3O_8	from	0.63m	in MAR1108
4.2m	@	263ppm eU_3O_8	from	1.26m	in MAR1109

As reported previously, the down-hole geophysical probe is continuing to provide data from approximately 750 historical drill holes at Marenica, the results of which are not included in the current resource estimate. During August, a total of 210 historic holes were probed, with significant results highlighted below:

8.9m	@	300ppm eU_3O_8	from	1.72m	in M0454
9.7m	@	320ppm eU_3O_8	from	0.55m	in M0463
11.6m	@	229ppm eU_3O_8	from	0.94m	in M0473
10.6m	@	526ppm eU_3O_8	from	3.06m	in M0500
4.6m	@	283ppm eU_3O_8	from	2.84m	in M0563
4.8m	@	214ppm eU_3O_8	from	10.22m	in M0608
4.8m	@	257ppm eU_3O_8	from	8.81m	in M1832
11.7m	@	451ppm eU_3O_8	from	0.44m	in M1918
9.4m	@	252ppm eU_3O_8	from	1.93m	in SP2447
14m	@	415ppm eU_3O_8	from	3.87m	in SP2455
8.6m	@	390ppm eU_3O_8	from	3.13m	in SP2580
7.3m	@	188ppm eU_3O_8	from	3.12m	in SP2601
7.4m	@	171ppm eU_3O_8	from	2.42m	in SP2695
9.2m	@	217ppm eU_3O_8	from	1.68m	in SP2756
7.3m	@	399ppm eU_3O_8	from	1.43m	in SP2765

This program of probing historical drilling continues to deliver excellent results. WME anticipates that this will improve the resource category of a large portion of the current resource (Inferred Resource of 111Mt grading 140ppm eU_3O_8 for 17,000 tonnes or 34Mlb of contained U_3O_8).

The Marenica resource will then be re-calculated by SRK Consulting, with the aim of converting a large part of the existing resource to the Indicated category.

It is envisaged that the calculation will be completed in two stages, with a preliminary calculation to be completed during October due to the lag in receiving probe and assay results. This preliminary calculation will enable the Company to monitor its progress and further refine ongoing drilling programs at Marenica. The final resource calculation will be completed in December once all results have been received.

Notes

Where eU3O8 is reported it relates to values attained from radiometrically logged boreholes. The probe has been calibrated at the Pelindaba Calibration facility in South Africa. Down-hole spectral gamma logging/probing of drill holes provides a powerful tool for uranium companies to explore for, and evaluate, uranium deposits. Such a method measures the natural gamma rays emitted from material surrounding a drill hole out to around 0.5 metre from its centre - the gamma probe is therefore capable of sampling a much larger volume than that which would normally be recovered from a core or RC hole. These measurements are used to estimate uranium concentrations with the commonly and accepted initial assumption being that the uranium is in (secular) equilibrium with its daughter products (or radio-nuclides) which are the principal gamma emitters. If uranium is not in equilibrium (viz. in disequilibrium) – as a result of the redistribution (depletion or enhancement) of uranium and/or its daughter products - then the true uranium concentration in the holes logged using the gamma probe will be higher or lower than those reported in the announcement.

Information in this report that relates to exploration results is based on information compiled by Dr Erik van Noort, who is a Member of the Australian Institute of Geoscientists. Dr van Noort is a full-time employee of West Australian Metals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr van Noort consents to the inclusion in the report of the matters based on his information 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.

Table of significant results from down-hole probing of recent resource extension and infill drill-holes (>100pmm eU_3O_8)

Hole_ID	UTM_East	UTM_North	Depth From	Depth To	Interval	eU3O8 (ppm)
MAR1019	488800	7579000	3.49	6.09	2.6	106.5
MAR1020	488600	7579000	0.91	2.61	1.7	143.5
MAR1045	488200	7579700	0.65	2.65	2.0	171.1
MAR1069	487800	7580000	6.86	8.06	1.2	121.7
MAR1072	487400	7579100	4.89	6.19	1.3	152.3
MAR1072	487400	7579100	8.79	13.89	5.1	125.0
MAR1076	488888	7578860	1.14	11.44	10.3	193.2
MAR1077	488888	7578810	1.45	6.45	5.0	252.4
MAR1078	488888	7578748	2.60	6.50	3.9	129.5
MAR1080	488987	7578630	2.18	4.08	1.9	124.0
MAR1081	488987	7578690	2.91	4.91	2.0	116.3
MAR1081	488987	7578690	8.31	9.91	1.6	121.5
MAR1082	488987	7578748	0.91	3.81	2.9	105.9
MAR1084	488987	7578931	3.70	4.80	1.1	100.4
MAR1085	489065	7578860	1.99	3.29	1.3	318.7
MAR1086	489065	7578810	0.44	5.24	4.8	272.2
MAR1087	489065	7578748	1.67	2.77	1.1	118.3
MAR1089	489148	7578570	1.39	2.79	1.4	106.1
MAR1090	489148	7578630	1.49	4.09	2.6	107.3
MAR1091	489148	7578690	1.99	6.79	4.8	108.4
MAR1092	489148	7578748	1.19	2.39	1.2	121.8
MAR1093	489148	7578810	0.89	6.49	5.6	213.3
MAR1094	489148	7578860	1.73	3.23	1.5	266.6
MAR1099	489228	7578810	1.00	2.50	1.5	197.9
MAR1100	489228	7578748	0.92	7.32	6.4	101.4
MAR1102	489228	7578570	7.03	8.13	1.1	244.4
MAR1105	489308	7578860	1.26	5.46	4.2	262.4
MAR1106	489308	7578910	0.01	1.51	1.5	187.1
MAR1107	489308	7578951	0.45	2.15	1.7	330.8
MAR1108	489388	7578860	0.63	4.73	4.1	455.4
MAR1109	489388	7578810	1.26	5.46	4.2	263.1
MAR1113	489468	7578748	2.33	3.93	1.6	141.6
MAR1117	489628	7578890	5.03	6.03	1.0	103.5
MAR1118	489628	7578805	0.54	2.34	1.8	111.1
MAR1121	489747	7578810	1.35	4.85	3.5	224.2
MAR1123	489747	7578630	0.59	2.39	1.8	112.5

Table of significant results from down-hole probing of historic holes (>100pmm eU_3O_8)

Hole_ID	UTM_East	UTM_North	Depth From	Depth To	Interval	eU3O8 (ppm)
M0454	490261	7577288	1.72	10.62	8.9	300.0
M0455	490260	7577250	4.52	5.82	1.3	105.7
M0463	490384	7577170	0.55	10.25	9.7	319.9
M0465	490344	7577210	3.68	6.78	3.1	124.6
M0465	490344	7577210	10.78	12.68	1.9	201.5
M0470	490226	7577210	12.67	14.07	1.4	170.1
M0473	490184	7577210	0.94	12.54	11.6	229.1
M0490	490383	7577133	5.15	6.25	1.1	164.2
M0492	490343	7577092	1.28	2.68	1.4	103.1
M0492	490343	7577092	6.18	8.08	1.9	113.8
M0499	490222	7577090	0.51	4.41	3.9	253.1
M0500	490183	7577090	3.06	13.66	10.6	525.8
M0502	490142	7577130	0.87	5.97	5.1	152.2
M0506	490381	7577047	1.45	3.35	1.9	219.4
M0507	490382	7577009	1.21	4.61	3.4	280.8
M0508	490341	7577009	1.28	4.28	3.0	106.4
M0510	490302	7577048	1.42	3.52	2.1	150.3
M0513	490263	7577048	2.94	4.74	1.8	236.0
M0513	490263	7577048	10.44	12.74	2.3	173.7
M0514	490222	7577049	2.83	4.23	1.4	142.3
M0514	490222	7577049	6.63	9.53	2.9	248.0
M0516	490182	7577010	1.92	10.12	8.2	149.1
M0519	490141	7577009	1.08	4.18	3.1	164.4
M0519	490141	7577009	12.98	14.48	1.5	564.9
M0531	490061	7576929	1.56	2.76	1.2	105.5
M0538	490180	7576928	4.96	10.46	5.5	157.3
M0540	490218	7576969	13.25	15.55	2.3	145.9
M0543	490300	7576929	6.09	7.89	1.8	211.7
M0545	490340	7576928	7.10	8.10	1.0	121.3
M0546	490380	7576929	5.90	8.80	2.9	142.4
M0560	490222	7576809	11.39	12.59	1.2	155.5
M0563	490182	7576888	2.84	7.44	4.6	283.3
M0608	489862	7576770	3.52	7.72	4.2	210.9
M0608	489862	7576770	10.22	15.02	4.8	214.3
M1829	490500	7576829	7.38	9.88	2.5	171.4
M1832	490461	7576750	8.81	13.61	4.8	257.4
M1918	490460	7577089	0.44	12.14	11.7	450.7
SP0678	490377	7577221	3.13	7.53	4.4	121.3
SP0679	490383	7577091	1.44	5.64	4.2	190.7
SP0679	490383	7577091	9.74	12.74	3.0	178.6
SP0680	490382	7576970	1.47	4.47	3.0	110.4
SP0680	490382	7576970	7.87	9.27	1.4	274.6
SP0685	490260	7576969	1.72	4.32	2.6	119.8

Hole_ID	UTM_East	UTM_North	Depth From	Depth To	Interval	eU3O8 (ppm)
SP0686	490261	7577090	6.34	8.84	2.5	217.6
SP0692	490143	7577089	0.90	2.40	1.5	101.1
SP0703	489902	7576729	1.16	5.36	4.2	156.6
SP1399	490660	7576829	8.23	10.83	2.6	126.5
SP1400	490541	7576829	20.10	22.50	2.4	327.8
SP2447	490541	7576870	1.93	11.33	9.4	251.7
SP2449	490461	7576829	9.12	11.32	2.2	126.8
SP2449	490461	7576829	17.62	18.62	1.0	462.1
SP2455	490540	7576790	3.87	17.87	14.0	415.2
SP2457	490462	7576790	6.07	10.37	4.3	178.8
SP2459	490500	7576750	6.27	7.27	1.0	300.4
SP2580	490382	7577250	3.13	11.73	8.6	389.6
SP2601	490344	7577171	3.12	10.42	7.3	187.9
SP2603	490264	7577170	2.61	4.71	2.1	132.5
SP2622	490342	7577131	9.81	11.51	1.7	219.4
SP2680	490147	7576970	5.95	10.45	4.5	125.6
SP2684	490339	7576968	2.05	3.95	1.9	135.0
SP2695	490140	7576930	2.42	9.82	7.4	171.1
SP2720	490420	7576890	3.23	5.23	2.0	130.6
SP2722	490301	7576849	1.23	5.43	4.2	194.3
SP2738	490261	7576809	2.76	7.66	4.9	201.8
SP2744	490341	7576769	2.31	5.21	2.9	104.7
SP2756	489981	7576730	1.68	10.88	9.2	217.2
SP2757	490061	7576731	2.43	4.83	2.4	107.3
SP2765	489819	7576691	1.43	8.73	7.3	398.6

Figure 1. Marenica Drill Hole status Plan