



ASX/Media Release – 6th October 2009

Encouraging Results from Key Regional Uranium Target at Marenica

KEY POINTS

- Preliminary drilling results indicate continuous mineralised horizon at the Phillipus Prospect, 4.5km north of Marenica resource
- Drilling now underway at Springbok Prospect, 2.5km to the north west
- Further in-fill RC drilling planned to follow up anomalies from extensional and in-fill drilling on the western margin of the Marenica palaeo-channel resource
- Further excellent probe results received from both historical and new drill holes not included in current Inferred Resource (111Mt @ 140ppm eU₃O₈)

International uranium company West Australian Metals Limited (ASX: **WME**) is pleased to report **encouraging initial results** from drilling at the key **Phillipus Exploration Target**, the first regional exploration target to be tested for primary uranium mineralisation at its 80%-owned **Marenica Uranium Project** in Namibia, Southern Africa.

The Phillipus Prospect is located 4.5km north of the Marenica palaeo-channel resource (111Mt grading 140ppm eU₃O₈), where work is continuing to upgrade and extend the existing resource.

Initial probe results have now been received from the first 11 holes completed at the Phillipus Prospect, with results from holes MAR1600 and MAR1610 shown below:

16.2m @ 169ppm eU₃O₈ from 8.2 m in MAR1601
2.6m @ 142ppm eU₃O₈ from 5.52m in MAR1602 and
7.6m @ 110ppm eU₃O₈ from 24.32m in MAR1602
7.5m @ 299ppm eU₃O₈ from 76.56m in MAR1603
18.9m @ 149ppm eU₃O₈ from 3.89m in MAR1604

It is important to note that the grades shown are from a down hole spectral probe and, as such, these results are preliminary only and may be subject to change on the return of chemical assays.

The better results from this drilling occur in the central part of the 900 metre long anomaly at Phillipus, with a consistent mineralised horizon identified along the northern contact from drill hole MAR1601 to MAR1604.

The mineralised granite can be traced south for a further 300 metres to drill hole MAR1613. Probe results from the western zone for drill holes MAR1612 to MAR1616 have not yet been received.

The initial results from drilling are considered to be very encouraging, reinforcing the **potential to define primary uranium mineralisation** associated with altered alaskitic granites and pegmatites at Phillipus and other regional prospects within the Marenica Project area.

Drilling has now commenced at the **Springbok Prospect**, located 2.5km north west of Phillipus.

Marenica Resource Drilling

Excellent progress has been achieved with the RC resource drilling program targeting the main Marenica palaeo-channel resource, with a total of 162 holes for 4,115 metres completed during September, bringing total drilling since the commencement of the program in July to 9,404 metres. All holes were drilled vertically to an average depth of 25 metres.

The down-hole geophysical probe survey by Terratec Geophysical Consultants continued during September. This program included probing of previously un-assessed historical (Goldfields) holes, holes drilled by WME in the current phase of resource drilling, and exploration drill-holes at the Phillipus Prospect. For September 2009, a total of 253 holes have been probed for 5,672 metres.

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

10.5m @ 115ppm eU₃O₈ from 0.77m in MAR1295

9.1m @ 247ppm eU₃O₈ from 15.58m in MAR1341

5.1m @ 205ppm eU₃O₈ from 17.63m in MAR1343

10.0m @ 202ppm eU₃O₈ from 20.44m in MAR1345

10.6m @ 148ppm eU₃O₈ from 13.10m in MAR1348

Recent significant results from probe work on the unlogged historical holes are highlighted below:

8.60m @ 311ppm eU₃O₈ from 3.12m in SP2311

3..2m @ 227ppm eU₃O₈ from 11.25m in SP2318

This program of probing historical drilling continues to deliver positive results. WME anticipates that this will improve the resource category of a large portion of the current resource (Inferred Resource of 111Mt grading 140ppm eU₃O₈ for 17,000 tonnes or 34Mlb of contained U₃O₈).

The Company also advises that it is planning to undertake a further program of in-fill drilling (approximately 700 metres) over an area west of the Marenica paleo-channel resource.

Wide-spaced (200m by 100m) exploration drilling was completed over this area during late July and early August targeting a large, previously undrilled radiometric anomaly. This work was successful in identifying several anomalies that require in-fill drilling.

Although results from this work cannot be included in the October resource update, the Company is aiming to include results from this additional work in the December resource calculation.

Notes

Where eU308 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.

Figure 1. Marenica Drill Hole Status Plan

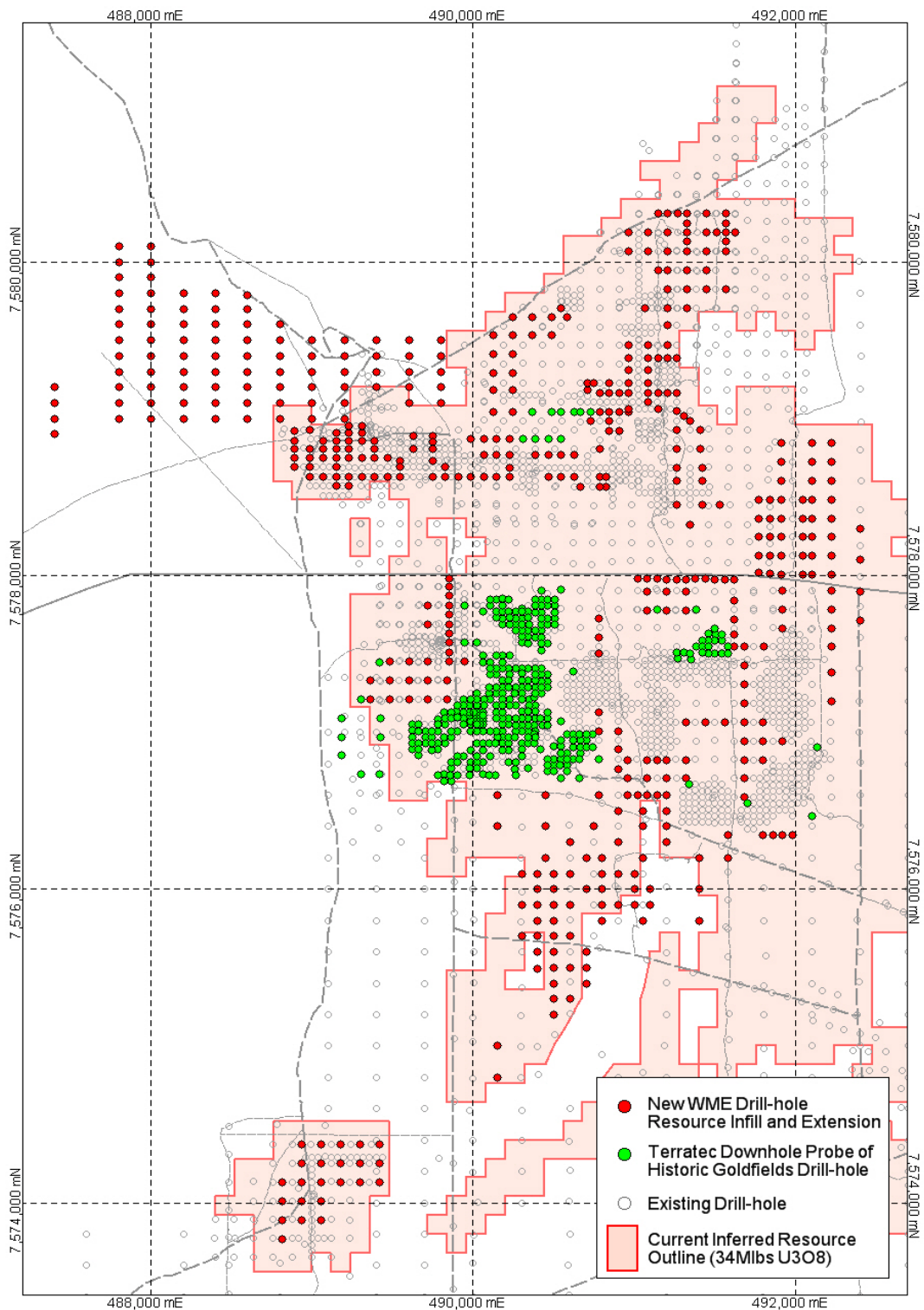


Table of significant results from down-hole probing of new WME holes (>100ppm eU₃O₈)

Hole ID	UTM East	UTM North	Depth From	Depth To	Interval	eU3O8 (ppm)
MAR1279	491500	7577975	1.42	3.42	2.0	122.96
MAR1280	491560	7577975	2.03	3.03	1.0	104.23
MAR1280	491560	7577975	7.33	10.73	3.4	106.78
MAR1282	491775	7578020	7.42	8.22	0.8	137.27
MAR1283	491840	7578015	6.90	14.80	7.9	113.72
MAR1285	492045	7578005	9.24	10.84	1.6	112.43
MAR1285	492045	7578005	12.94	15.64	2.7	146.52
MAR1286	492105	7578005	9.37	11.07	1.7	101.56
MAR1292	491915	7578125	2.94	3.84	0.9	113.13
MAR1292	491915	7578125	6.94	11.34	4.4	139.25
MAR1293	491840	7578125	3.06	4.26	1.2	100.53
MAR1294	491775	7578125	5.40	11.10	5.7	112.02
MAR1295	491775	7578245	0.77	11.27	10.5	114.60
MAR1296	491840	7578245	1.11	9.81	8.7	112.85
MAR1297	491915	7578245	3.19	4.39	1.2	123.55
MAR1297	491915	7578245	6.79	8.49	1.7	142.89
MAR1298	492045	7578245	5.19	7.19	2.0	109.85
MAR1298	492045	7578245	10.39	14.49	4.1	101.80
MAR1299	492105	7578245	10.10	12.10	2.0	101.04
MAR1300	492225	7578245	4.60	8.00	3.4	118.20
MAR1302	492225	7578365	7.48	9.88	2.4	106.36
MAR1303	492105	7578365	3.35	10.35	7.0	108.38
MAR1304	492045	7578365	7.10	10.40	3.3	100.85
MAR1305	491915	7578365	2.34	5.24	2.9	139.69
MAR1306	491840	7578365	1.12	4.32	3.2	124.19
MAR1307	491775	7578365	1.79	4.89	3.1	124.88
MAR1309	491840	7578485	0.52	2.22	1.7	120.91
MAR1311	492045	7578485	3.14	4.24	1.1	114.19
MAR1313	492225	7578485	4.40	5.90	1.5	108.84
MAR1316	491915	7578605	1.90	3.20	1.3	107.34
MAR1318	492105	7578725	3.61	4.91	1.3	152.79
MAR1322	491915	7578845	0.64	3.04	2.4	110.23

Hole ID	UTM East	UTM North	Depth From	Depth To	Interval	eU308 (ppm)
MAR1324	492400	7577900	15.91	17.11	1.2	160.53
MAR1324	492400	7577900	27.61	34.31	6.7	145.74
MAR1326	492225	7577785	21.09	25.59	4.5	147.00
MAR1327	492225	7577665	14.09	15.79	1.7	135.14
MAR1327	492225	7577665	22.89	29.89	7.0	106.35
MAR1328	492225	7577545	19.56	20.56	1.0	253.20
MAR1328	492225	7577545	23.16	24.66	1.5	103.42
MAR1330	492225	7577200	25.45	25.85	0.4	282.46
MAR1331	491920	7577905	7.14	10.64	3.5	122.10
MAR1332	491920	7577780	1.93	4.03	2.1	117.63
MAR1333	491920	7577665	14.51	16.51	2.0	103.95
MAR1335	491680	7577545	0.67	2.87	2.2	118.10
MAR1335	491680	7577545	19.97	22.67	2.7	210.76
MAR1335	491680	7577545	27.57	28.27	0.7	383.92
MAR1336	491620	7577545	2.62	5.12	2.5	101.98
MAR1337	491620	7577625	1.13	5.43	4.3	110.76
MAR1337	491620	7577625	8.53	9.13	0.6	168.54
MAR1337	491620	7577625	16.63	18.73	2.1	137.63
MAR1338	491620	7577720	3.08	4.28	1.2	117.08
MAR1338	491620	7577720	7.38	9.18	1.8	161.80
MAR1339	491620	7577840	7.46	8.36	0.9	112.30
MAR1340	491680	7577425	5.80	7.00	1.2	107.55
MAR1341	491680	7577305	6.88	9.68	2.8	116.39
MAR1341	491680	7577305	15.58	24.68	9.1	246.89
MAR1341	491680	7577305	26.88	27.98	1.1	143.63
MAR1342	491680	7577185	9.43	14.33	4.9	103.05
MAR1342	491680	7577185	15.03	20.23	5.2	180.21
MAR1343	491680	7577065	17.63	22.73	5.1	205.00
MAR1343	491680	7577065	27.13	28.83	1.7	139.75
MAR1344	491680	7576945	20.44	30.44	10.0	202.10
MAR1345	491680	7576825	15.74	19.14	3.4	119.67
MAR1346	491680	7576705	4.66	5.86	1.2	171.75
MAR1346	491680	7576705	8.66	12.86	4.2	150.46
MAR1346	491680	7576705	27.86	29.76	1.9	444.13
MAR1347	491680	7576585	10.04	11.64	1.6	108.50
MAR1347	491680	7576585	18.54	20.54	2.0	118.16
MAR1347	491680	7576585	21.84	24.74	2.9	107.77
MAR1348	491800	7576825	13.10	23.70	10.6	148.41
MAR1349	491920	7576945	21.24	24.84	3.6	115.63
MAR1350	491800	7576945	18.45	19.95	1.5	120.22
MAR1350	491800	7576945	25.95	26.35	0.4	313.48

Table of significant results from down-hole probing of historic holes (>100ppm eU₃O₈)

Hole ID	UTM East	UTM North	Depth From	Depth To	Interval	eU3O8 (ppm)
M1010	491501	7577585	2.21	3.81	1.6	101.86
M1010	491501	7577585	7.81	9.61	1.8	108.30
M1010	491501	7577585	12.71	13.71	1.0	107.60
SP0842	491500	7577660	2.45	3.85	1.4	118.06
SP0842	491500	7577660	8.95	9.95	1.0	113.75
SP2299	491349	7577467	4.61	5.91	1.3	187.38
SP2299	491349	7577467	9.31	12.91	3.6	100.42
SP2301	491267	7577471	8.92	14.82	5.9	130.22
SP2311	491266	7577508	3.12	11.72	8.6	310.87
SP2312	491307	7577508	5.80	8.00	2.2	101.08
SP2312	491307	7577508	8.60	11.90	3.3	110.37
SP2313	491348	7577505	7.31	9.21	1.9	116.83
SP2314	491461	7577628	3.18	4.58	1.4	109.88
SP2314	491461	7577628	5.58	10.58	5.0	143.08
SP2316	491541	7577626	2.36	6.76	4.4	105.88
SP2318	491541	7577586	1.75	8.65	6.9	103.50
SP2318	491541	7577586	11.25	14.45	3.2	227.10
SP2320	491461	7577585	13.01	13.91	0.9	111.90
SP2321	491422	7577584	8.60	12.90	4.3	119.16
SP2323	491542	7577505	3.52	5.82	2.3	117.15
SP2323	491542	7577505	14.02	14.92	0.9	136.55
SP2323a	491461	7577548	13.81	14.81	1.0	101.68
SP2325	491583	7577545	2.79	5.69	2.9	113.51
SP2329	491461	7577506	7.82	8.92	1.1	162.95