ASX/Media Release – 23 September 2009

Marenica Uranium Project – Update

KEY POINTS

- **Further probe results received from both historical and new drill holes not included in current Inferred Resource (111Mt @ 140ppm eU_3O_8)**
- **Latest results will not be included in the preliminary resource upgrade calculation next month, but will be included in the final December resource**
- **Metallurgical feasibility work for the Marenica Project awarded to Australia's ANSTO**

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.

Results have now been received from a further 154 drill holes. Drilling is continuing to return grades and widths within expectations, with recent probe results from in-fill drilling highlighted below:

12.7m @ 216ppm eU_3O_8 from 0.96m in MAR1136
3.6m @ 263ppm eU_3O_8 from 1.30m in MAR1149
9.2m @ 138ppm eU_3O_8 from 0.93m in MAR1183
7.1m @ 134ppm eU_3O_8 from 0.00m in MAR1187
6.2m @ 139ppm eU_3O_8 from 0.90m in MAR1215
13.7m @ 130ppm eU_3O_8 from 1.13m in MAR1226
8.2m @ 111ppm eU_3O_8 from 1.48m in MAR1231
7.1m @ 136ppm eU_3O_8 from 1.33m in MAR1240
8.3m @ 128ppm eU_3O_8 from 1.79m in MAR1253

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.

Progress on this work has slowed as the down-hole probe is also being utilised on the new work and at the Phillipus Prospect. However, significant results from recent probe work are highlighted below:

11.7m @ 399ppm eU_3O_8 from 3.35m in M1837

7.2m @ 206ppm eU_3O_8 from 13.35m in SP2440

7.6m @ 163ppm eU_3O_8 from 10.37m in SP2441

2.2m @ 693ppm eU_3O_8 from 18.67m in SP2441

Once all the results have been received and collated, the Marenica resource will be re-calculated by SRK Consulting, with the aim of converting a large part of the existing resource to the Indicated category. The preliminary calculation is scheduled to be completed during October due to the lag in receiving probe and assay results.

The cut-off date for the inclusion of data into the preliminary resource calculation was the 12th September, and as such, the above drilling results will not be included in the preliminary resource calculation. The final resource calculation will be completed in December once all results have been received.

Metallurgy

Bulk samples collected last month from the Marenica Project have been awaiting the receipt of formal proposals from metallurgical testing facilities, both in Australia and South Africa. WME is pleased to announce that it has awarded the contract for a scoping test program from upgrading (by radiometric sorting) to final product recovery to the Australian Nuclear Science and Technology Organisation (ANSTO).

The work is aimed to assess the viability of heap-leaching on sorted and unsorted ore materials. At this stage, alkaline leaching followed by ion exchange is the preferred process route. Preliminary results on upgrading and leach work should available by December.

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.

Figure 1. Marenica Drill Hole Status Plan

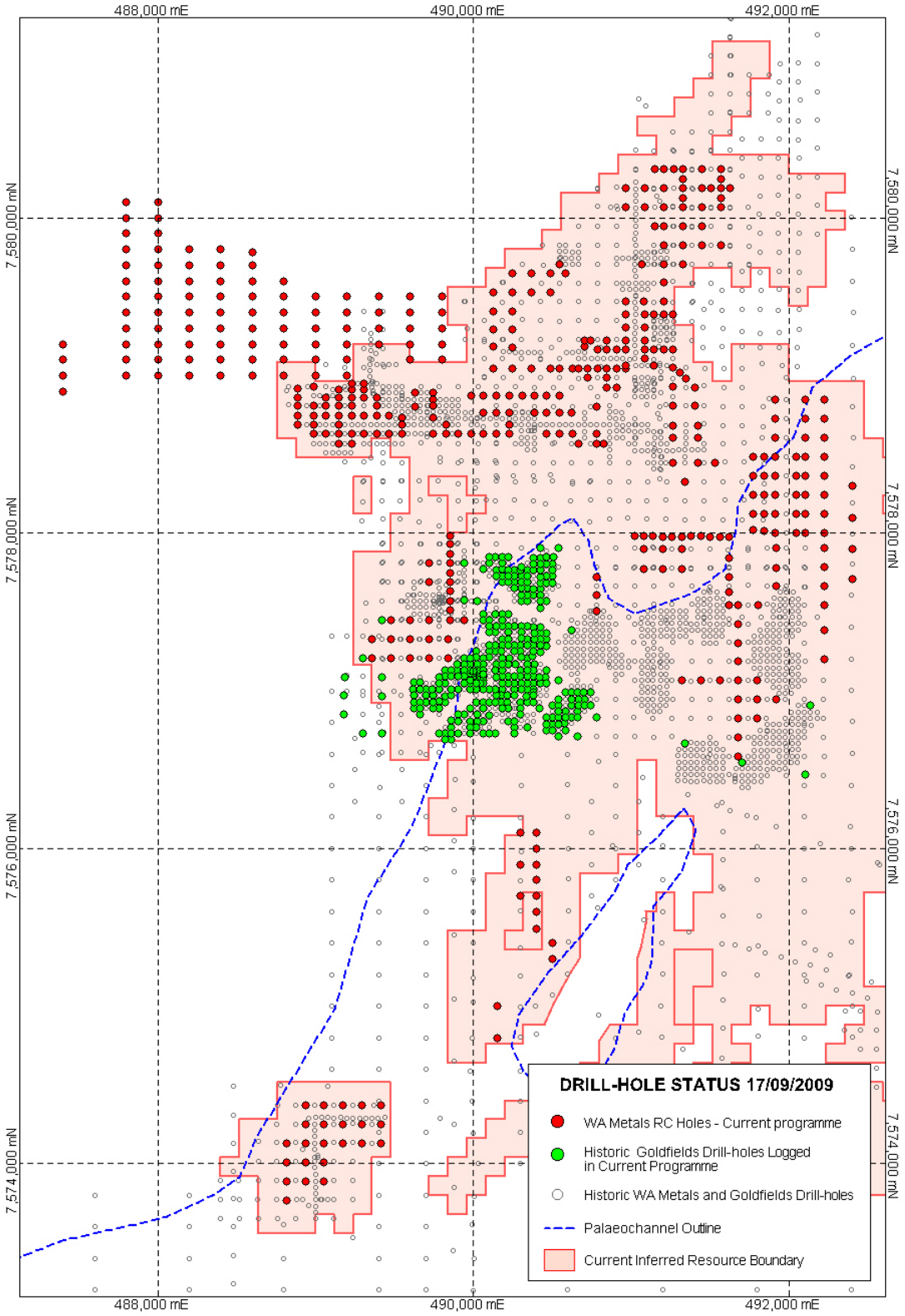

Table of significant results from down-hole probing of new WME holes (>100pmm eU_3O_8)

Hole_ID	UTM_East	UTM_North	Depth	From	To	Interval	eU3O8 (ppm)
MAR1124	489825	7578630	12	1.07	4.27	3.2	115.6
MAR1125	489825	7578690	12	1.29	4.19	2.9	108.6
MAR1131	490065	7578630	15	1.45	3.05	1.6	116.8
MAR1132	490145	7578630	12	1.85	6.95	5.1	101.7
MAR1133	490145	7578767	12	6.88	9.38	2.5	146.9
MAR1136	490126	7579182	18	0.96	13.66	12.7	216.0
MAR1136	490126	7579182	18	14.16	16.16	2.0	127.3
MAR1139	490126	7579530	12	5.12	5.92	0.8	126.7
MAR1141	490246	7579530	12	0.92	6.52	5.6	136.7
MAR1142	490366	7579530	17	0.46	6.66	6.2	110.3
MAR1142	490366	7579530	17	7.66	11.76	4.1	161.5
MAR1143	490486	7579530	15	7.31	9.41	2.1	141.0
MAR1145	490585	7579650	22	5.01	6.61	1.6	115.9
MAR1145	490585	7579650	22	15.71	16.21	0.5	216.1
MAR1146	490545	7579706	20	0.77	2.57	1.8	107.1
MAR1147	490366	7579650	12	1.05	2.35	1.3	112.8
MAR1147	490366	7579650	12	3.55	5.75	2.2	121.2
MAR1149	490246	7579290	15	1.30	4.90	3.6	262.6
MAR1149	490246	7579290	15	8.40	10.80	2.4	244.7
MAR1150	490246	7579181	12	0.52	8.32	7.8	115.0
MAR1154	490225	7578688	12	0.74	4.04	3.3	115.5
MAR1155	490225	7578630	12	0.42	1.82	1.4	140.1
MAR1159	490624	7578767	20	8.34	10.44	2.1	154.9
MAR1164	490825	7578630	20	0.72	3.72	3.0	121.3
MAR1164	490825	7578630	20	12.02	14.92	2.9	170.6
MAR1165	490784	7578805	29	1.04	6.84	5.8	135.9
MAR1165	490784	7578805	29	11.54	13.84	2.3	142.1
MAR1166	490544	7578767	15	1.79	6.39	4.6	111.3
MAR1166	490544	7578767	15	11.59	12.29	0.7	181.6
MAR1179	490727	7578985	12	3.09	4.09	1.0	152.4
MAR1180	490785	7579045	17	13.16	14.46	1.3	104.3
MAR1181	490846	7579045	20	1.05	6.75	5.7	104.9
MAR1182	490846	7578985	15	0.79	7.29	6.5	126.7
MAR1183	490846	7578925	17	0.93	10.13	9.2	137.5
MAR1184	490906	7578925	17	1.08	4.68	3.6	152.8
MAR1184	490906	7578925	17	7.08	10.78	3.7	179.0
MAR1186	490966	7579045	20	0.65	5.55	4.9	168.5
MAR1187	490965	7579065	22	0.00	7.10	7.1	134.3
MAR1187	490965	7579065	22	10.20	11.90	1.7	103.5
MAR1188	491086	7579107	18	1.90	2.90	1.0	100.1
MAR1189	491146	7579065	18	0.44	5.54	5.1	162.9
MAR1190	491266	7579048	12	3.90	8.60	4.7	145.4
MAR1191	491306	7579016	12	1.19	5.39	4.2	119.7
MAR1192	491346	7578984	12	4.35	5.35	1.0	100.7
MAR1195	491423	7578684	12	1.27	2.37	1.1	142.8

Hole_ID	UTM_East	UTM_North	Depth	From	To	Interval	eU3O8 (ppm)
MAR1197	491530	7578448	12	1.08	2.28	1.2	137.4
MAR1202	491265	7578684	12	0.56	2.96	2.4	150.8
MAR1203	491265	7578808	12	2.85	7.05	4.2	112.6
MAR1204	491266	7578928	12	3.48	7.78	4.3	165.3
MAR1206	491206	7579165	12	3.60	5.40	1.8	129.5
MAR1208	491086	7579165	17	11.69	12.49	0.8	142.6
MAR1210	490906	7579165	12	1.03	2.43	1.4	135.1
MAR1211	490846	7579165	18	0.62	4.62	4.0	199.6
MAR1211	490846	7579165	18	11.92	13.92	2.0	116.5
MAR1214	490707	7579225	12	0.74	2.24	1.5	108.6
MAR1215	490745	7579225	15	0.90	7.10	6.2	139.0
MAR1216	490846	7579225	15	4.05	5.45	1.4	119.7
MAR1217	490966	7579225	12	1.06	3.76	2.7	114.3
MAR1218	491086	7579225	18	1.39	5.39	4.0	170.7
MAR1218	491086	7579225	18	8.19	10.49	2.3	115.0
MAR1219	491086	7579308	15	1.12	6.32	5.2	110.4
MAR1220	490966	7579308	12	0.97	2.17	1.2	132.4
MAR1221	490966	7579385	12	1.00	4.80	3.8	178.7
MAR1222	491086	7579385	12	1.09	4.79	3.7	158.2
MAR1224	491206	7579385	12	1.19	3.79	2.6	123.6
MAR1226	491206	7579468	22	1.13	14.83	13.7	129.8
MAR1227	491083	7579468	17	1.01	4.91	3.9	112.2
MAR1228	490966	7579468	12	1.18	5.18	4.0	139.7
MAR1229	491206	7579594	12	0.60	3.50	2.9	142.7
MAR1230	491206	7579705	12	1.55	6.25	4.7	107.9
MAR1231	491065	7579705	15	1.48	9.68	8.2	111.2
MAR1233	491328	7579828	19	2.05	6.85	4.8	118.5
MAR1233	491328	7579828	19	11.05	14.55	3.5	177.3
MAR1234	491208	7579828	12	1.75	6.75	5.0	131.3
MAR1235	491448	7579828	15	6.05	7.15	1.1	138.1
MAR1237	491448	7579948	15	3.18	6.08	2.9	127.8
MAR1238	491328	7579948	13	4.43	9.03	4.6	110.3
MAR1239	491208	7579948	15	0.90	6.00	5.1	126.1
MAR1240	491148	7579948	12	1.33	8.43	7.1	135.6
MAR1241	490966	7580068	12	0.55	4.15	3.6	148.2
MAR1242	491086	7580068	12	0.46	3.36	2.9	151.9
MAR1243	491208	7580068	15	0.44	5.84	5.4	135.7
MAR1244	491328	7580068	12	2.40	8.20	5.8	116.6
MAR1245	491448	7580068	12	0.74	1.84	1.1	104.8
MAR1245	491448	7580068	12	2.54	5.24	2.7	116.2
MAR1246	491568	7580068	12	7.45	9.85	2.4	138.7
MAR1247	491568	7580128	12	0.74	2.04	1.3	103.9
MAR1247	491568	7580128	12	3.94	8.14	4.2	106.4
MAR1248	491328	7580128	12	0.57	5.47	4.9	127.2
MAR1249	491208	7580188	12	0.44	1.74	1.3	150.7
MAR1250	491086	7580188	18	1.61	3.41	1.8	115.7

Hole_ID	UTM_East	UTM_North	Depth	From	To	Interval	eU3O8 (ppm)
MAR1251	490966	7580188	12	0.55	1.65	1.1	141.2
MAR1251	490966	7580188	12	4.95	6.95	2.0	129.3
MAR1252	491328	7580188	12	0.76	5.16	4.4	109.9
MAR1253	491448	7580188	14	1.79	10.09	8.3	127.9
MAR1258	491568	7580308	12	4.87	7.37	2.5	113.9
MAR1259	491448	7580308	12	1.68	3.28	1.6	127.8
MAR1260	491328	7580308	22	1.34	7.54	6.2	102.7
MAR1260	491328	7580308	22	11.54	12.94	1.4	100.1
MAR1261	491328	7580248	15	1.84	5.04	3.2	151.9
MAR1262	491268	7580308	14	1.49	4.89	3.4	108.9
MAR1263	491208	7580308	12	0.59	4.69	4.1	192.4
MAR1265	491020	7577980	15	1.74	2.94	1.2	146.8
MAR1266	491080	7577980	15	2.60	8.60	6.0	116.8
MAR1267	491140	7577980	15	2.11	3.91	1.8	151.1
MAR1271	491320	7577900	15	2.58	6.48	3.9	114.0
MAR1272	491200	7577900	15	1.72	3.82	2.1	125.1
MAR1273	491080	7577900	15	0.96	7.06	6.1	110.6
MAR1275	491200	7577775	15	0.80	4.60	3.8	104.0
MAR1276	491320	7577775	18	8.82	10.72	1.9	131.4
MAR1276	491320	7577775	18	13.32	13.92	0.6	234.7
MAR1277	491380	7577980	15	1.09	3.19	2.1	131.9

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

Hole_ID	UTM_East	UTM_North	Depth	From	To	Interval	eU3O8 (ppm)
M1808	490740	7576989	20.63	5.81	11.41	5.6	106.5
M1808	490740	7576989	20.63	18.31	19.31	1.0	146.2
M1837	490501	7576910	20.33	3.35	15.05	11.7	399.4
M1840	490541	7576909	20.7	3.85	6.85	3.0	163.0
M1840	490541	7576909	20.7	13.55	15.15	1.6	153.3
M1842	490583	7576990	20.77	9.12	11.72	2.6	147.0
M1842	490583	7576990	20.77	14.02	19.52	5.5	138.9
SP2429	490661	7576990	20.77	4.28	7.28	3.0	100.6
SP2430	490701	7576989	19.5	8.30	11.30	3.0	241.5
SP2434	490622	7576948	20.14	5.27	8.57	3.3	119.9
SP2440	490664	7576908	20.49	7.05	8.85	1.8	119.9
SP2440	490664	7576908	20.49	13.35	20.55	7.2	206.0
SP2441	490702	7576907	20.84	5.77	6.77	1.0	108.0
SP2441	490702	7576907	20.84	10.37	17.97	7.6	163.0
SP2441	490702	7576907	20.84	18.67	20.87	2.2	693.2
SP2442	490743	7576908	20.72	4.37	5.37	1.0	157.9
SP2442	490743	7576908	20.72	7.97	10.97	3.0	140.9
SP2442	490743	7576908	20.72	16.17	18.07	1.9	236.4