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ASX Announcement

Angela Mineral Resource Updated to JORC 2012

- **Angela Uranium Project Mineral Resource updated to JORC 2012**
- **The High-Grade Angela Mineral Resource estimate is 30.8 Mlb U_3O_8 at 1,310 ppm U_3O_8**
- **Testwork indicates that *U-pgrade™* could potentially reduce Angela ore acid consumption by 80 kg/t (approx. 77%)**
- **The reduction in acid consumption could potentially significantly reduce costs at Angela**
- ***U-pgrade™* also potentially provides environmental benefits at Angela**

Marenica Energy Limited ("**Marenica**", the "**Company**") (**ASX:MEY**) is pleased to announce that it has updated the JORC Mineral Resource estimate from JORC 2004 to JORC 2012 for the Angela Uranium Project located in the Northern Territory of Australia. The project is the most developed asset in a package of assets acquired by Marenica in December 2019. The original reporting of the JORC 2004 Mineral Resource by Marenica on 4 July 2019 was under exceptions provided for in ASX Listing Rules.

The JORC 2012 Mineral Resource estimate is 30.8 Mlb of U_3O_8 at a grade of 1,310 ppm U_3O_8, in the Inferred category.

Marenica Managing Director, Murray Hill, commented: *"We are pleased to announce the Mineral Resource estimate for the Angela Uranium Project is 30.8 Mlb of U_3O_8 at a grade of 1,310 ppm U_3O_8, in the Inferred category; this is a high-grade Mineral Resource. On 28 October 2020, we announced outstanding results of a "proof of concept" testwork program through application of **U-pgrade™**, which resulted in removal of the majority of acid consuming material from Angela ore feed (ASX release titled "**U-pgrade™** Testwork Indicates Significant Potential Reduction in Acid Consumption at Angela"). The results demonstrated a potential reduction in acid consumption by 80 kg/t, at an estimated acid cost of $0.40/kg this is a significant potential operating cost reduction for any potential development of the Angela Project.*

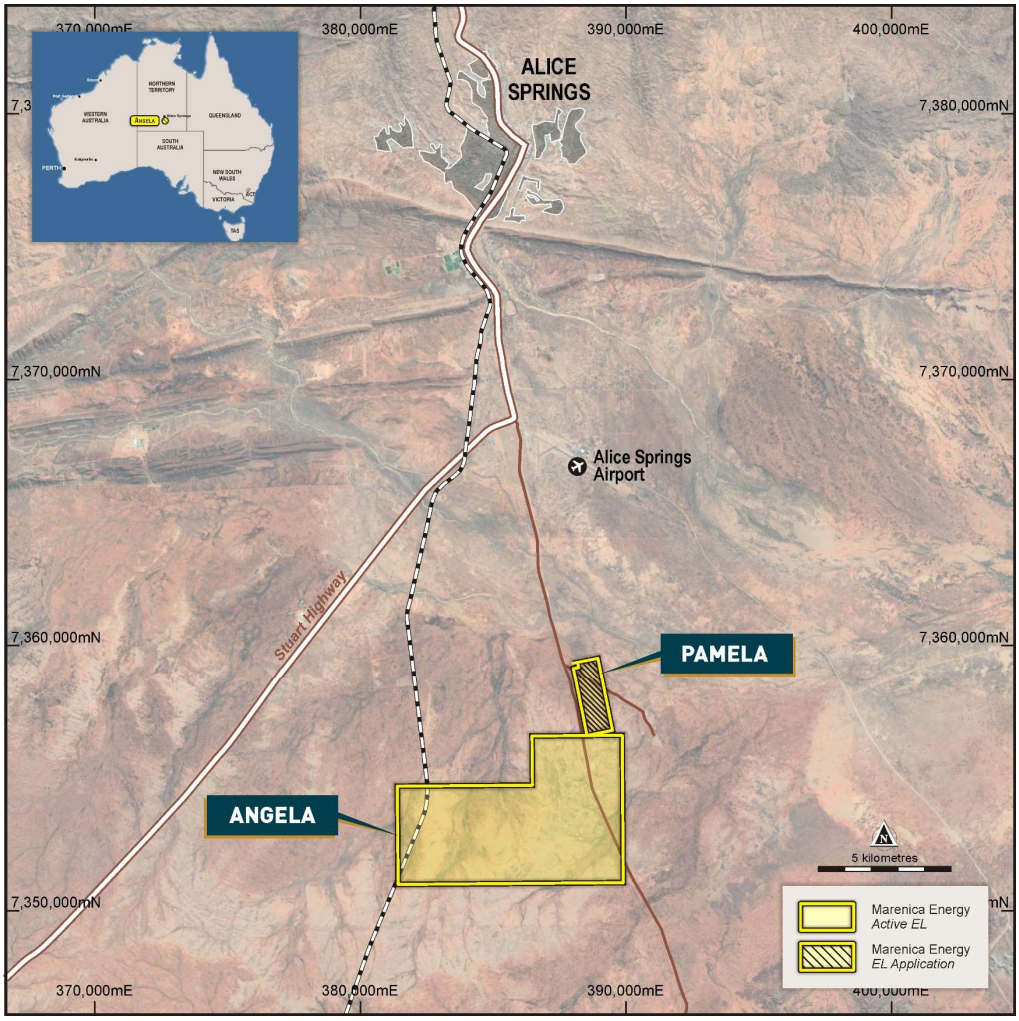
*We purchased Angela because of the benefits and cost savings anticipated through applying **U-pgrade™** to the Angela ore. The indicative reduction in acid consumption and potential environmental benefits, are a clear demonstration of how **U-pgrade™** can add value to Angela.*

Technical Discussion

Following a review of the previous Joint Ore Reserves Committee (JORC) 2004 Mineral Resource estimate for the Angela deposit located in the Northern Territory, Australia, the Company has now updated the Mineral Resource to JORC 2012 standard.

The Angela Uranium Project is located approximately 25 km south of the town of Alice Springs and straddles the Old South Road and the Central Australian Railway.

Figure 1 Location of Angela

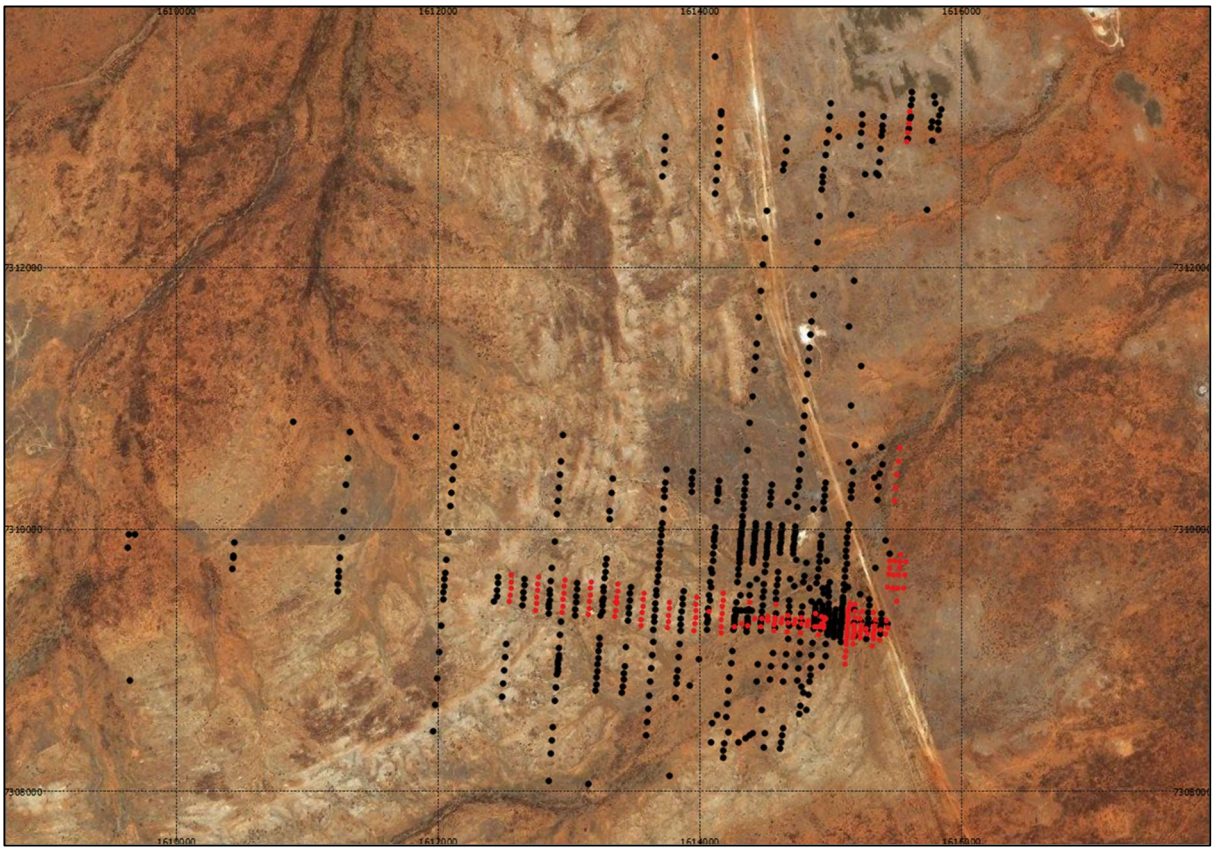


Uranerz Australia Ltd (Uranerz) worked extensively on the Angela deposit between 1972 and 1983. In 1990, Uranerz requested that the ground be Reserved from Occupation (RO) pending an improvement in the uranium price. Following a competitive tender process the Cameco Corporation (50%) and Paladin Energy Limited (50%) Joint Venture (Cameco-Paladin JV) was granted an Exploration Licence for an initial period of six years in 2008. Cameco managed the project during the 2009 and 2010 drilling programs. In late 2019, the Angela project was acquired by Marenica.

Drilling by the Cameco-Paladin JV between 2008 and 2011 focussed on further defining the geometry of the redox-front and associated mineralisation, in addition to definition drilling to confirm and further delineate the Mineral Resource at Angela I, particularly areas likely to contain higher grades. Drilling included 172 holes for 32,810 m. Paladin reconstructed all historic drill hole data into a digital database that has been extensively checked and validated. The majority (~70%) of sample data available to inform Mineral Resource estimates derive from historical drilling undertaken by Uranerz. Comparisons of U_3O_8

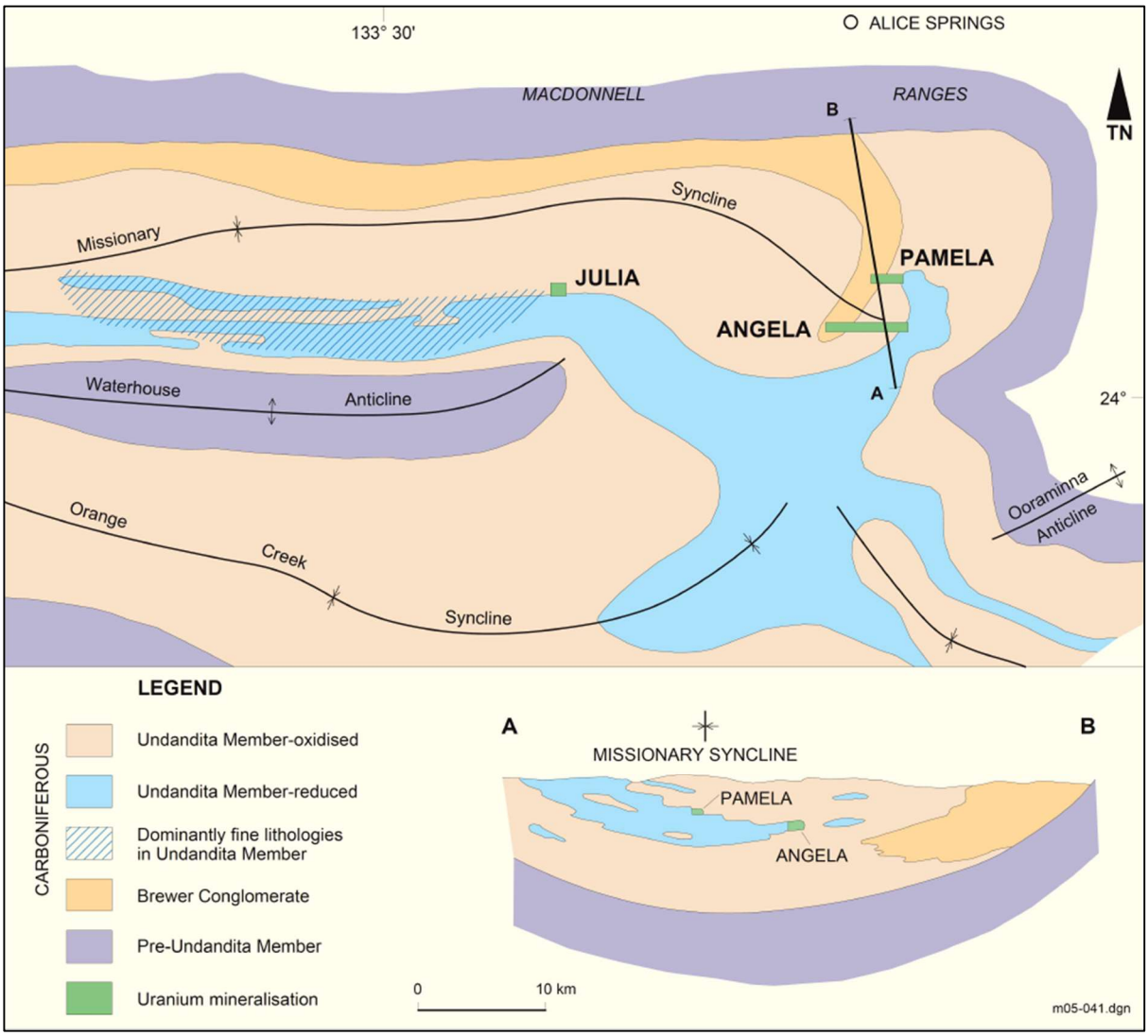
grades in the Uranerz drilling to grades from the more recent Cameco-Paladin JV drilling largely support the reliability of the historic data.

Figure 2 Angela Deposit Drill Holes



Variograms of U_3O_8 grades indicate that the continuity of grades is relatively poor over even quite short distances, not unlike that observed in some gold deposits. This is backed up by comparisons of nearest neighbour samples in drill holes. However the overall continuity of mineralisation, associated with the geological continuity, is quite strong in plan-view (Figure 3).

Figure 3 Local Geology



An Inferred Mineral Resource of 30.8 Mlb (13,978 t) U_3O_8 at 1,310 ppm U_3O_8 has been finalised using a 150 grade-thickness (GT) cut-off grade and a probability cut-off of 30% of simulations >300 ppm U_3O_8. The Mineral Resource estimation was completed using a two-dimensional conditional co-simulation of GT and thickness which were back calculated for U_3O_8 grade. The final simulation was chosen based on best fit with a grade probability cut-off model. The dataset was derived predominantly from recent and historical downhole radiometric logging. The radiometric grades have been extensively validated against laboratory assays.

The Mineral Resource estimate is based on 794 holes totalling 180,468m and covers the Angela I-V deposits (**Figure 2**) with Cameco-Paladin JV drilling shown in red. The mineralisation dips shallowly (~9°) to the west and the larger of the deposits, Angela I, has been defined up to 4.3 km to the west at depths up to 600 m. The mineralisation is contained within nine individual stratigraphic sequences with mineralised thicknesses of up to 10.4 m. The deposits are sandstone hosted and are formed at geochemical (redox) boundaries by deposition of uranium from groundwater.

Figure 4 Deposit schematic cross section

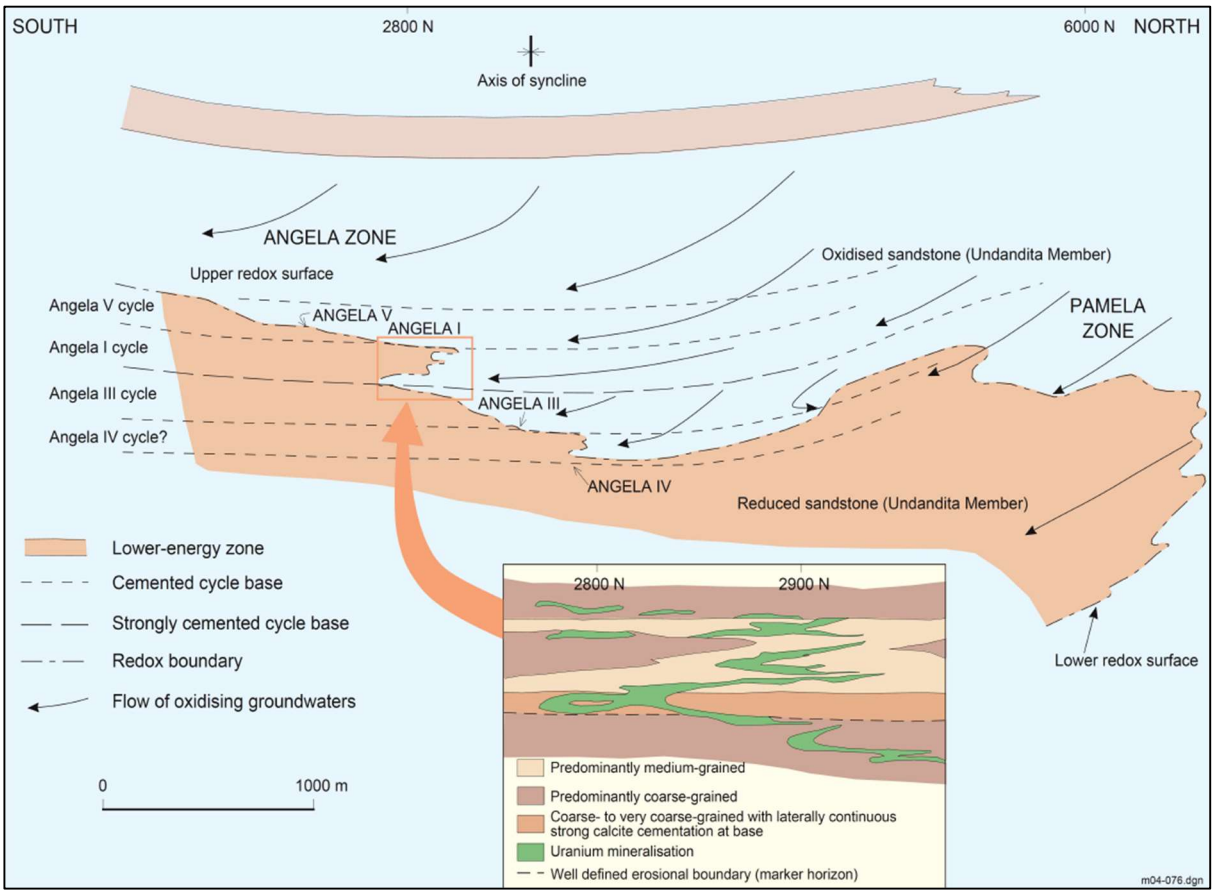


Figure 5 Mineral Resource Plan View Stratigraphic Domain 4

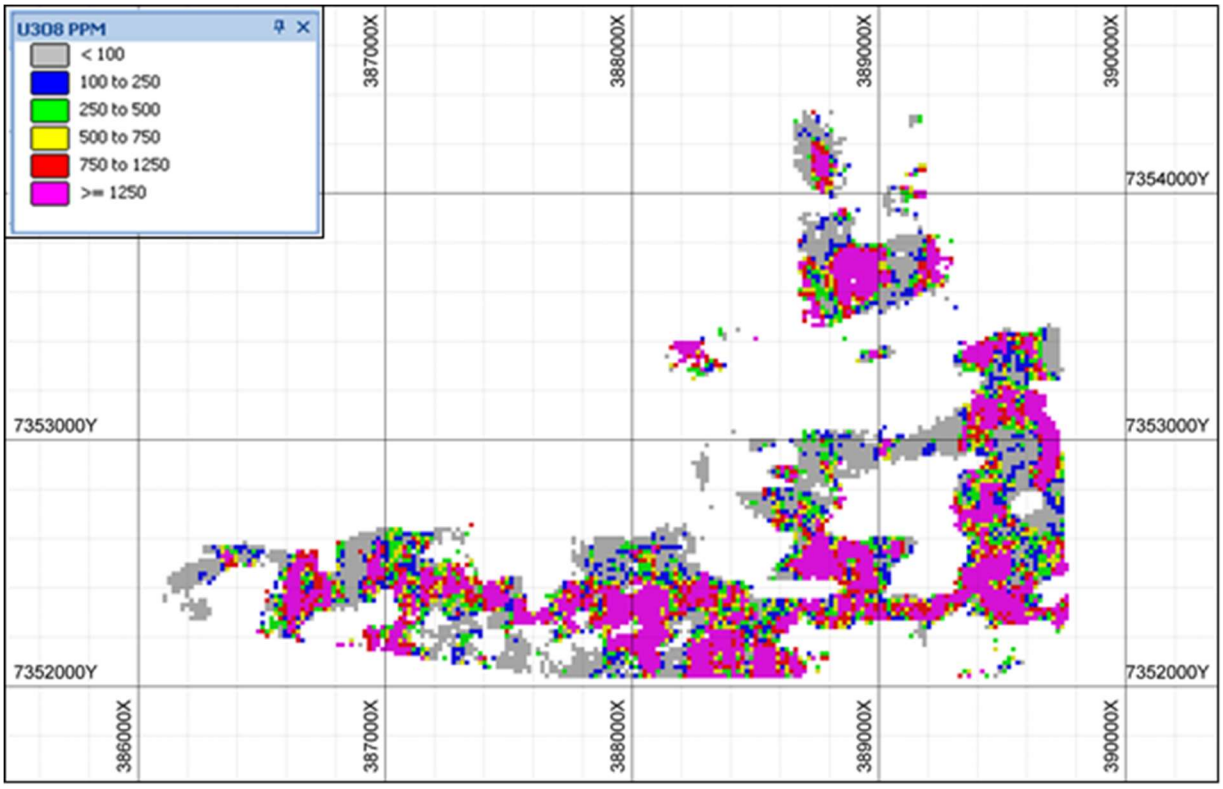


Table 1 Angela Resource

Classification	Mt	U_3O_8 Grade (ppm)	U_3O_8 Metal (t)	U_3O_8 Metal (Mlb)
Inferred Mineral Resource	10.7	1,310	13,978	30.8

(Figures in the table above may not add due to rounding)

The Mineral Resource is currently classified as Inferred, primarily due to drill spacing and the large volume of historical drilling data within the dataset. A higher confidence classification is expected should additional drilling be completed.

Competent Person Statement:

The Mineral Resource estimate for the Angela deposit were prepared by David Princep of Gill Lane Consulting. Mr. Princep has visited the Angela Project on numerous occasions since 2007 with the most recent being in June 2011. Mr. Princep is a Fellow of the Australasian Institute of Mining and Metallurgy and a Chartered Professional Geologist. Mr. Princep has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC 2012).

Application of U-pgrade™

This high acid cost for leaching the Angela ore has historically been a serious impediment to the potential development of the Angela project. A proof of concept metallurgical program on a drill core sample sought to analyse the potential to reduce the acid consumption, and thereby the project operating costs, through application of ***U-pgrade™***.

The removal of the bulk of the acid consumer, calcite, was achieved with the leach testwork results summarised in Table 2, showing that the removal of calcite reduced the acid consumption from 104 kg/t to 24 kg/t, i.e. a difference of 80 kg/t. The estimated delivered cost of sulphuric acid to the Angela site has been assumed, based on indicative quotes obtained for these calculations, to be A$400/t or $0.40/kg.

Table 2 Pre and Post Calcite Removal Leach Result Summary

Sample	Mass (%)	Acid Consumption (kg/t of sample)	Acid Consumption (kg/t of feed)	U_3O_8 Extraction from Sample (%)
Pre calcite removal - feed	100	104	104	93.0
Post calcite removal	91	26	24	95.8
Nett Difference			**80**	**2.8**

This proof of concept program concluded that:

- removal of the bulk of the acid consuming calcite mineral could be achieved with minimal uranium losses,
- uranium extraction in the leach could be increased by removal of calcite, and

- the calcite reject could be used to render the leach tailings inert, providing significant potential environmental benefit for the project.

This testwork confirms the potential benefit that ***U-pgrade™*** could generate for the Angela project, substantially increasing its value and reducing the uranium price at which any potential project that may be developed at Angela would be economic to develop.

These results have been achieved from a limited proof of concept testwork program. The Company is encouraged by the potential to further increase calcite removal but further reduce uranium losses, through a detailed optimisation testwork program.

There is a potential significant environmental benefit from removal of the calcite, since the calcite stream could be used to neutralise the acid in the leach tailings prior to disposal. This would result in the leach residue being rendered inert as a result of all acid being destroyed and all soluble metals precipitated. This consequential benefit is a significant potential environmental result that will be assessed in future testwork programs and study phases.

Other benefits include a reduction in the size of the acid storage facility and reduced leach circuit volume, which could potentially contribute to a reduced capital and operating cost.

Project and Technical Expertise

The information in this announcement that relates to Metallurgical Results is based on information compiled by Murray Hill (B.Sc Extractive Metallurgy). Mr Hill is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Hill is an employee of Marenica. Mr Hill has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hill consents to the inclusion in the announcement of the matters based on the information made available to him, in the form and context in which it appears.

Next steps

The Company will assess and outline the steps required to prepare Angela for more detailed studies, one of which could be an expanded optimisation testwork program on a wide range of samples.

Authorised for release by: The Board of Marenica Energy Ltd

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Table 3 Drill Hole Details

Hole	East	North	RL	Azimuth	Dip	Depth	Type
AP001	389448.021	7352319.634	545.67	0.00	-90.0	75.36	DDH
AP002	389448.481	7352299.362	545.65	0.00	-90.0	90.00	DDH
AP003	389449.270	7352273.823	545.77	0.00	-90.0	90.00	DDH
AP004	389449.563	7352249.900	545.78	0.00	-90.0	90.28	DDH
AP005	388499.979	7352449.455	549.32	5.48	-90.0	264.40	PCDD
AP006	388499.464	7352399.883	550.31	0.00	-90.0	265.00	PCDD
AP007	389450.005	7352224.826	545.91	0.00	-90.0	90.25	DDH
AP008	388499.404	7352349.597	550.55	0.00	-90.0	258.50	PCDD
AP009	388499.600	7352299.355	550.58	5.48	-90.0	255.50	PCDD
AP010	389450.287	7352200.171	545.96	0.00	-90.0	85.00	PCDD
AP011	389450.721	7352174.358	546.04	0.00	-90.0	85.00	DDH
AP012	388499.473	7352250.387	550.33	5.48	-90.0	255.48	PCDD
AP013	388500.427	7352199.569	549.38	0.00	-90.0	246.50	PCDD
AP014	388510.133	7352150.036	548.78	0.00	-90.0	246.50	DDH
AP015	389451.565	7352149.078	546.24	0.00	-90.0	80.00	RCDD
AP016	389500.380	7352152.785	546.52	0.00	-90.0	80.32	DDH
AP017	389501.505	7352200.376	546.25	0.00	-90.0	80.00	DDH
AP018	388400.043	7352300.040	553.05	0.00	-90.0	261.50	DDH
AP019	389149.587	7352299.933	546.49	0.00	-90.0	135.00	DDH
AP020	388299.815	7352150.550	552.62	5.48	-90.0	246.37	RCDD
AP021	388300.268	7352199.993	554.09	5.48	-90.0	270.30	PCDD
AP022	388305.330	7352250.828	554.34	0.00	-90.0	275.00	PCDD
AP023	388300.531	7352300.098	554.94	0.00	-90.0	281.00	RCDD
AP024	388300.406	7352350.904	554.37	0.00	-90.0	294.10	RCDD
AP025	388099.753	7352349.992	555.69	0.00	-90.0	312.30	RCDD
AP026	388099.355	7352299.878	556.30	0.00	-90.0	312.40	DDH
AP027	389050.061	7352300.101	546.97	0.00	-90.0	166.00	DDH
AP028	388949.771	7352299.856	547.31	0.00	-90.0	180.00	DDH
AP029	388900.036	7352300.282	547.47	0.00	-90.0	185.00	DDH
AP030	388849.551	7352300.030	547.73	0.00	-90.0	190.30	DDH
AP031	389235.090	7352200.073	546.21	0.00	-90.0	114.90	DDH
AP032	388100.058	7352250.077	556.70	0.00	-90.0	312.50	DDH
AP033	388100.349	7352200.107	556.10	0.00	-90.0	306.50	DDH
AP034	387900.108	7352400.004	557.16	0.00	-90.0	350.40	PCDD
AP035	387900.263	7352350.393	557.66	0.00	-90.0	345.07	PCDD
AP036	387900.435	7352299.849	557.73	0.00	-90.0	345.21	PCDD
AP037	387901.985	7352249.232	557.51	0.00	-90.0	351.30	PCDD
AP038	387900.159	7352199.893	555.93	0.00	-90.0	342.20	PCDD
AP039	387899.993	7352149.717	554.83	0.00	-90.0	340.00	PCDD
AP040	389099.855	7352200.079	546.55	0.00	-90.0	133.15	DDH
AP041	389000.412	7352198.479	547.03	0.00	-90.0	165.00	DDH
AP042	388899.887	7352200.066	547.45	0.00	-90.0	180.40	DDH
AP043	388899.751	7352398.434	546.91	0.00	-90.0	190.00	DDH
AP044	388699.740	7352400.041	547.61	0.00	-90.0	220.10	DDH
AP045	388100.268	7352155.705	556.36	0.00	-90.0	306.50	DDH
AP046	387700.017	7352201.255	556.02	259.88	-89.7	370.77	RCDD
AP047	387699.962	7352250.643	556.27	0.00	-90.0	374.98	RCDD
AP048	387699.854	7352350.914	557.54	0.00	-90.0	375.00	RCDD
AP049	387700.434	7352400.141	558.23	0.00	-90.0	386.00	RCDD

Hole	East	North	RL	Azimuth	Dip	Depth	Type
AP050	387700.528	7352451.163	558.43	0.00	-90.0	373.82	RCDD
AP051	387499.785	7352199.649	560.09	0.00	-90.0	402.40	RCDD
AP052	387500.816	7352248.775	561.30	0.00	-90.0	411.30	RCDD
AP053	387499.649	7352299.097	563.24	0.00	-90.0	406.85	RCDD
AP054	387498.767	7352351.351	565.82	0.00	-90.0	420.30	RCDD
AP055	387499.571	7352400.342	569.06	0.00	-90.0	426.20	RCDD
AP056	387500.048	7352444.905	570.01	0.00	-90.0	465.20	RCDD
AP057	389450.116	7352349.828	545.51	0.00	-90.0	90.30	DDH
AP058	389445.025	7352374.926	545.23	0.00	-90.0	90.30	DDH
AP059	389444.983	7352400.998	544.98	0.00	-90.0	93.25	DDH
AP060	389449.738	7352424.356	545.03	0.00	-90.0	90.25	DDH
AP061	389499.841	7352399.729	545.38	0.00	-90.0	90.25	DDH
AP062	389499.834	7352350.156	545.52	0.00	-90.0	87.30	DDH
AP063	389499.798	7352299.626	545.78	0.00	-90.0	90.30	DDH
AP064	389499.845	7352249.991	546.09	0.00	-90.0	84.35	DDH
AP065	389549.825	7352200.615	546.46	0.00	-90.0	78.25	DDH
AP066	389550.489	7352250.268	546.26	0.00	-90.0	81.30	DDH
AP067	389549.921	7352299.656	545.89	0.00	-90.0	81.40	DDH
AP068	389539.849	7352350.477	545.37	0.00	-90.0	81.25	DDH
AP069	389549.593	7352400.397	545.30	0.00	-90.0	87.20	DDH
AP070	389634.067	7352398.324	545.52	0.00	-90.0	66.50	DDH
AP071	389650.583	7352349.922	545.72	0.00	-90.0	60.30	DDH
AP072	389650.403	7352299.847	545.96	0.00	-90.0	60.10	DDH
AP073	389650.299	7352250.230	546.28	0.00	-90.0	54.30	DDH
AP074	389649.951	7352149.883	546.75	0.00	-90.0	57.30	DDH
AP075	389700.309	7352199.999	546.58	0.00	-90.0	45.40	DDH
AP076	389741.103	7352249.087	546.39	0.00	-90.0	57.40	DDH
AP077	389749.980	7352300.515	546.24	0.00	-90.0	53.90	DDH
AP078	389741.335	7352346.812	546.01	0.00	-90.0	54.30	DDH
AP079	389651.967	7352201.700	546.41	0.00	-90.0	54.25	DDH
AP080	387300.824	7352200.855	561.80	351.38	-88.5	432.70	RCDD
AP081	387300.824	7352249.976	563.12	0.00	-90.0	435.22	RCDD
AP082	387299.960	7352300.191	563.10	0.00	-90.0	435.24	RCDD
AP083	387298.521	7352349.979	563.15	0.00	-90.0	435.21	RCDD
AP084	387300.026	7352400.193	564.36	185.68	-88.6	441.20	RCDD
AP085	387300.241	7352449.925	566.22	0.00	-90.0	438.30	RCDD
AP086	387099.936	7352199.741	563.23	49.98	-88.3	462.30	RCDD
AP087	387099.879	7352249.677	563.99	0.00	-90.0	468.30	RCDD
AP088	387100.703	7352299.310	563.51	44.88	-88.0	465.30	RCDD
AP089	387099.949	7352349.315	563.29	67.58	-89.6	465.30	RCDD
AP090	387100.202	7352400.577	565.42	356.60	-90.0	469.10	RCDD
AP091	387099.629	7352449.985	567.70	0.00	-90.0	470.20	RCDD
AP092	386899.943	7352249.986	566.62	0.00	-90.0	495.00	RCDD
AP093	386900.389	7352300.035	568.48	0.00	-90.0	495.30	RCDD
AP094	386900.475	7352350.222	568.81	0.00	-89.2	495.00	UK
AP095	386900.485	7352399.505	567.89	76.28	-89.5	502.30	RCDD
AP096	386897.924	7352446.958	567.72	343.08	-89.1	501.20	RCDD
AP097	388301.738	7352400.110	552.88	0.00	-90.0	280.00	RCDD
AP098	389451.143	7352451.184	545.15	0.00	-90.0	90.20	DDH
AP099	389491.563	7352450.653	544.86	0.00	-90.0	87.30	DDH

Hole	East	North	RL	Azimuth	Dip	Depth	Type
AP100	389447.946	7352318.006	545.67	0.00	-90.0	300.20	DDH
AP101	389451.704	7352096.802	546.33	0.00	-90.0	51.25	DDH
AP102	389452.083	7352047.336	546.74	0.00	-90.0	54.45	DDH
AP103	389451.423	7351998.809	547.21	0.00	-90.0	51.20	DDH
AP104	389649.982	7352229.361	546.226	0.00	-90.0	36.60	DDH
AP105	389649.814	7352274.649	545.977	0.00	-90.0	48.90	DDH
AP106	389589.826	7352278.826	546.314	0.00	-90.0	54.80	DDH
AP107	389604.807	7352241.512	546.215	0.00	-90.0	51.90	DDH
AP108	389699.698	7352280.761	546.060	0.00	-90.0	36.90	DDH
AP109	389550.211	7352274.633	545.968	0.00	-90.0	60.90	DDH
AP110	389499.906	7352275.519	545.772	0.00	-90.0	72.90	DDH
AP111	389550.413	7352232.984	546.246	0.00	-90.0	54.90	DDH
AP112	389500.290	7352224.640	546.141	0.00	-90.0	60.90	DDH
AP113	389274.270	7352256.109	546.106	0.00	-90.0	99.90	DDH
AP114	389249.999	7352285.771	546.278	0.00	-90.0	102.90	DDH
AP115	389250.018	7352260.994	546.169	0.00	-90.0	108.90	DDH
AP116	389273.008	7352279.899	546.209	0.00	-90.0	96.90	DDH
AP117	389250.345	7352335.043	546.408	0.00	-90.0	114.90	DDH
AP118	389224.993	7352259.805	546.190	0.00	-90.0	108.90	DDH
AP119	389200.094	7352259.944	546.276	0.00	-90.0	114.90	DDH
AP120	389199.936	7352354.868	546.344	0.00	-90.0	132.90	PCDD
AP121	389149.837	7352279.897	546.573	0.00	-90.0	120.90	DDH
AP122	389149.758	7352260.135	546.437	0.00	-90.0	120.90	DDH
AP123	389100.172	7352319.955	546.789	0.00	-90.0	135.90	PCDD
AP124	389099.921	7352270.100	546.628	0.00	-90.0	126.90	DDH
AP125	389049.976	7352269.829	546.846	0.00	-90.0	138.90	DDH
AP126	389000.028	7352325.185	547.124	0.00	-90.0	156.90	PCDD
AP127	388999.851	7352269.819	547.049	0.00	-90.0	144.90	DDH
AP128	388900.248	7352274.737	547.530	0.00	-90.0	162.90	PCDD
AP129	388899.845	7352249.875	547.534	0.00	-90.0	157.10	PCDD
AP130	388800.052	7352281.961	547.572	0.00	-90.0	180.90	PCDD
AP131	388800.227	7352220.096	548.013	0.00	-90.0	180.90	PCDD
AP132	388700.154	7352220.025	547.978	0.00	-90.0	188.40	PCDD
AP133	388600.105	7352204.953	548.306	0.00	-90.0	214.10	PCDD
AP134	389799.825	7352800.041	543.819	0.00	-90.0	54.90	DDH
AP135	389800.195	7352700.486	544.294	0.00	-90.0	42.90	DDH
AP136	389799.970	7352599.505	544.718	0.00	-90.0	48.80	DDH
AP137	389799.661	7352499.742	545.299	0.00	-90.0	42.80	DDH
AP138	389800.205	7352849.841	543.625	0.00	-90.0	60.90	DDH
AP139	389723.350	7352797.992	543.951	0.00	-90.0	60.70	DDH
AP140	389723.581	7352749.055	544.080	0.00	-90.0	60.70	DDH
AP141	389723.876	7352700.454	544.312	0.00	-90.0	54.90	DDH
AP142	389800.032	7352749.961	544.059	0.00	-90.0	54.90	DDH
AP143	389725.018	7353250.216	542.416	0.00	-90.0	78.90	DDH
AP144	389719.730	7353352.976	541.983	0.00	-90.0	84.90	DDH
AP145	389723.808	7353449.079	541.635	0.00	-90.0	84.60	DDH
AP146	389724.915	7353549.476	541.496	0.00	-90.0	72.70	DDH
AP147	389728.005	7353650.648	541.162	0.00	-90.0	84.80	DDH
AP148	389584.556	7355949.001	537.693	0.00	-90.0	144.90	DDH
AP149	389584.551	7356019.358	537.625	0.00	-90.0	94.00	DDH

Hole	East	North	RL	Azimuth	Dip	Depth	Type
AP150	389585.014	7356089.270	537.529	0.00	-90.0	84.90	DDH
AP151	389585.031	7356184.745	537.809	0.00	-90.0	84.90	DDH
AP152	389759.978	7352800.511	543.871	0.00	-90.0	54.90	DDH
AP153	389759.464	7352696.001	544.202	0.00	-90.0	48.90	DDH
AP154	389723.898	7352599.817	544.527	0.00	-90.0	54.80	DDH
AP155	389763.804	7352599.551	544.533	0.00	-90.0	48.90	DDH
AP156	389848.695	7352803.908	544.039	0.00	-90.0	30.70	DDH
AP157	389848.689	7352700.832	544.627	0.00	-90.0	30.90	DDH
AP158	389848.618	7352602.609	544.987	0.00	-90.0	30.90	DDH
AP159	388947.043	7352269.841	547.203			150.90	DDH
AP160	388851.117	7352276.062	547.810			168.80	PCDD
AP161	388748.775	7352277.922	547.575			192.20	PCDD
AP162	388649.782	7352230.307	547.862			198.70	PCDD
APGT01	389280.272	7352328.917	546.32	70.48	-70.0	133.40	DDH
APGT02	389275.256	7352321.042	546.63	190.48	-70.0	138.60	DDH
APGT03	389272.808	7352330.065	546.38	310.48	-70.0	149.00	DDH
APGT04	387700.764	7352314.876	556.97	135.48	-70.0	410.00	RCDD
APGT05	387704.000	7352306.871	556.74	255.48	-70.0	447.90	RCDD
APGT06	387695.517	7352308.323	556.93	15.48	-70.0	410.20	RCDD
APGT07	389275.250	7352325.788	546.53	0.00	-90.0	120.80	DDH
APGT08	387701.480	7352311.390	556.81	0.00	-90.0	299.00	RC
APGT09	387705.989	7352311.328	556.81	0.00	-90.0	400.50	DDH
EW2	389812.432	7356168.101	537.82	0.00	-90.0	60.96	PCDD
EW3	389816.625	7356217.868	538.50	0.00	-90.0	61.87	PCDD
EW5	389806.773	7356065.384	536.62	0.00	-90.0	88.39	PERC
EW6	389767.729	7356262.033	538.92	0.00	-90.0	70.10	PERC
EW7	389808.690	7356117.963	537.16	0.00	-90.0	57.90	PCDD
EW8	389756.926	7356315.869	539.81	0.00	-90.0	60.35	PCDD
EW9	389758.251	7356121.446	537.25	0.00	-90.0	91.44	PCDD
EW10	389755.868	7356072.912	536.76	0.00	-90.0	70.10	PERC
EW11	389203.809	7351742.605	550.36	0.00	-90.0	43.13	PCDD
EW12	389193.294	7351628.003	551.68	0.00	-90.0	42.67	PERC
EW13	389146.933	7351596.531	551.27	0.00	-90.0	45.11	PERC
EW14	389145.879	7351658.579	551.77	0.00	-90.0	42.67	PERC
EW15	389157.522	7351757.781	549.84	0.00	-90.0	42.67	PERC
EW16	389027.269	7351420.677	555.19	0.00	-90.0	91.44	PCDD
EW17	389033.099	7351472.866	553.99	0.00	-90.0	36.57	PERC
EW18	389024.090	7351371.694	555.70	0.00	-90.0	27.43	PERC
EW19	389019.339	7351321.295	556.15	0.00	-90.0	45.72	PERC
EW21	389145.517	7351800.317	549.12	0.00	-90.0	48.77	DDH
EW24	389104.763	7351839.177	548.60	0.00	-90.0	60.96	PCDD
EW25	389201.073	7351891.294	547.71	0.00	-90.0	60.96	PCDD
EW26	389302.789	7352047.543	546.55	0.00	-90.0	57.91	PCDD
EW27	389403.501	7352259.208	545.81	0.00	-90.0	118.00	PCDD
EW29	388803.962	7351939.136	548.81	0.00	-90.0	162.46	PCDD
EW30	388863.654	7351598.838	550.11	0.00	-90.0	93.57	PCDD
EW31	388526.127	7351535.666	550.49	0.00	-90.0	138.68	PCDD
EW32	388212.649	7351047.249	553.53	0.00	-90.0	99.74	PCDD
EW33	388305.739	7351737.904	550.27	0.00	-90.0	183.79	PCDD
EW34	388624.168	7352444.574	548.76	0.00	-90.0	235.00	PCDD

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW35	389301.043	7352303.242	546.57	0.00	-90.0	106.60	PCDD
EW36	389587.359	7356129.622	537.69	0.00	-90.0	85.34	PCDD
EW37	389598.655	7356146.005	537.71	0.00	-90.0	77	PERC
EW38	389589.159	7356329.046	539.42	0.00	-90.0	76.20	PERC
EW39	389590.368	7355976.383	537.66	0.00	-90.0	121.92	PERC
EW40	389586.900	7356228.334	538.29	0.00	-90.0	91.44	PERC
EW41	389390.615	7356129.783	539.87	0.00	-90.0	137.16	PERC
EW42	389617.390	7352736.163	544.48	0.00	-90.0	85.34	PERC
EW43	389398.249	7352446.946	545.75	0.00	-90.0	115.82	PCDD
EW44	389221.776	7352452.437	545.78	0.00	-90.0	146.30	PCDD
EW45	389399.775	7352361.297	545.52	0.00	-90.0	106.68	PCDD
EW46	389293.957	7352400.438	546.12	0.00	-90.0	143.10	PCDD
EW47	389195.362	7352337.601	546.33	0.00	-90.0	141.00	PERC
EW48	389194.525	7352240.505	546.23	0.00	-90.0	145.30	PCDD
EW49	389307.035	7352204.159	545.95	0.00	-90.0	100.40	PCDD
EW50	389409.572	7352162.631	546.16	0.00	-90.0	67.15	PCDD
EW51	389508.947	7352212.435	546.35	0.00	-90.0	55.00	PCDD
EW52	389499.471	7352314.078	545.66	0.00	-90.0	90.00	PCDD
EW53	389486.271	7352412.953	545.25	0.00	-90.0	97.10	PCDD
EW54	389524.911	7352527.482	545.04	0.00	-90.0	99.00	PCDD
EW55	389426.677	7352571.918	544.77	0.00	-90.0	100.00	PCDD
EW56	389278.632	7352561.234	545.59	0.00	-90.0	141.05	PCDD
EW57	389099.201	7352294.138	547.02	0.00	-90.0	150.00	PCDD
EW58	389187.931	7352589.087	545.85	0.00	-90.0	159.30	PCDD
EW59	388798.101	7352337.864	547.26	0.00	-90.0	196.20	PCDD
EW60	389249.189	7352762.475	545.48	0.00	-90.0	157.50	PCDD
EW61	389714.548	7352851.875	543.90	0.00	-90.0	78.85	PCDD
EW62	389676.930	7352950.906	543.71	0.00	-90.0	84.00	PCDD
EW63	389606.068	7353516.867	541.77	0.00	-90.0	102.00	PCDD
EW64	389335.505	7353937.087	543.55	0.00	-90.0	131	PERC
EW65	389384.532	7354242.716	542.21	0.00	-90.0	90.00	PCDD
EW66	389269.346	7354529.511	546.20	0.00	-90.0	80.00	PERC
EW67	389278.128	7354877.134	544.08	0.00	-90.0	100.00	PCDD
EW68	389208.458	7355371.114	542.51	0.00	-90.0	96.00	PERC
EW69	389293.800	7355679.153	542.50	0.00	-90.0	53.75	PCDD
EW70	389390.484	7355980.023	538.96	0.00	-90.0	150.00	PCDD
EW71	389101.821	7352401.390	546.96	0.00	-90.0	156.00	PCDD
EW72	389250.029	7352510.475	545.90	0.00	-90.0	139.40	PCDD
EW73	389003.218	7352346.669	547.28	0.00	-90.0	174.70	PCDD
EW74	389303.374	7352257.858	546.07	0.00	-90.0	90.00	PCDD
EW75	389010.948	7352246.723	547.03	0.00	-90.0	159.70	PCDD
EW76	388797.512	7352263.681	547.73	0.00	-90.0	194.45	PCDD
EW77	389027.758	7352546.853	546.35	0.00	-90.0	183.48	PCDD
EW78	389196.052	7352287.310	546.46	0.00	-90.0	120.60	PCDD
EW79	389558.653	7353414.913	542.24	0.00	-90.0	114.00	PCDD
EW80	388799.356	7352190.177	548.10	0.00	-90.0	177.31	PCDD
EW81	388596.791	7352259.363	548.22	0.00	-90.0	213.09	PCDD
EW82	388596.398	7352183.695	548.03	0.00	-90.0	220.22	PCDD
EW83	388598.848	7351927.849	549.19	0.00	-90.0	183.10	PCDD
EW84	389023.783	7352748.829	546.40	0.00	-90.0	201.50	PCDD

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW85	388976.024	7353232.243	544.83	0.00	-90.0	229.21	PCDD
EW86	388802.641	7351808.692	549.16	0.00	-90.0	141.40	PCDD
EW87	388809.956	7351416.055	551.84	0.00	-90.0	89.82	PCDD
EW88	389354.718	7353512.264	542.92	0.00	-90.0	163.70	PCDD
EW89	389298.170	7352346.707	546.30	0.00	-90.0	122.60	PCDD
EW90	389233.725	7356125.912	540.54	0.00	-90.0	137.95	PCDD
EW92	388927.477	7353179.778	545.15	0.00	-90.0	216.10	PCDD
EW93	388698.300	7352334.443	547.40	0.00	-90.0	30.00	PCDD
EW94	388698.227	7352344.443	547.45	0.00	-90.0	15.00	PERC
EW95	388672.301	7352334.253	547.72	0.00	-90.0	12.00	PERC
EW96	388645.136	7352333.036	548.10	0.00	-90.0	11.00	PERC
EW97	388619.990	7352332.402	548.09	0.00	-90.0	11.00	PERC
EW98	388598.303	7352333.713	548.33	0.00	-90.0	10.00	PERC
EW99	388719.058	7352335.356	547.28	0.00	-90.0	10.00	PERC
EW100	388627.821	7351409.011	551.27	0.00	-90.0	105.50	PCDD
EW101	388396.941	7352218.655	551.10	0.00	-90.0	249.57	PCDD
EW102	388352.157	7351941.906	549.63	0.00	-90.0	215.75	PCDD
EW103	388396.124	7352167.877	550.08	0.00	-90.0	231.00	PCDD
EW104	388707.923	7351341.945	551.93	0.00	-90.0	93.25	PCDD
EW105	388597.181	7352279.719	548.55	0.00	-90.0	228.08	PCDD
EW106	388795.896	7352492.972	547.96	0.00	-90.0	217.14	PCDD
EW107	388796.457	7352441.385	547.31	0.00	-90.0	205.30	PCDD
EW108	388798.211	7352387.223	547.32	0.00	-90.0	210.10	PCDD
EW109	389291.521	7352599.297	545.75	0.00	-90.0	132.90	PCDD
EW110	389292.736	7352493.353	546.10	0.00	-90.0	121.30	PCDD
EW111	389293.109	7352444.234	545.76	0.00	-90.0	125.90	PCDD
EW112	388795.061	7352542.478	547.87	0.00	-90.0	213.80	PCDD
EW113	389299.653	7352136.993	546.41	0.00	-90.0	88	PERC
EW114	389198.204	7352137.920	546.80	0.00	-90.0	76.00	PERC
EW115	389200.924	7352039.813	546.82	0.00	-90.0	66.00	PERC
EW116	389201.736	7351940.604	547.74	0.00	-90.0	70	PERC
EW117	389200.198	7351840.696	548.57	0.00	-90.0	61.00	PERC
EW118	389241.144	7352549.430	546.04	0.00	-90.0	130.00	PERC
EW119	389140.864	7352546.834	546.50	0.00	-90.0	155	PERC
EW120	389160.113	7352448.802	546.21	0.00	-90.0	148.00	PERC
EW121	389092.425	7352343.726	546.99	0.00	-90.0	152.00	PERC
EW122	389091.056	7352245.423	547.03	0.00	-90.0	128.00	PERC
EW123	389014.804	7352148.929	547.38	0.00	-90.0	112.00	PERC
EW124	388602.332	7351219.259	554.49	0.00	-90.0	70.00	PERC
EW125	388601.724	7351322.565	553.12	0.00	-90.0	82.00	PERC
EW126	388601.093	7351522.080	550.93	0.00	-90.0	108.00	PERC
EW127	388601.305	7351621.266	550.00	0.00	-90.0	124.00	PERC
EW128	388600.244	7351725.527	550.28	0.00	-90.0	146.00	PERC
EW129	388599.303	7351825.437	549.97	0.00	-90.0	150.00	PERC
EW130	388598.728	7352021.082	549.04	0.00	-90.0	168.00	PERC
EW131	388902.612	7352227.603	547.61	0.00	-90.0	163	DDH
EW132	388901.539	7352328.572	547.59	0.00	-90.0	178.00	PERC
EW133	388695.612	7352234.335	547.89	0.00	-90.0	192.60	DDH
EW134	388897.598	7352434.937	546.80	0.00	-90.0	186.90	DDH
EW135	388896.304	7352542.237	547.25	0.00	-90.0	192.60	DDH

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW136	389107.728	7352039.872	547.67	0.00	-90.0	87.00	PERC
EW137	388994.387	7352441.381	546.79	0.00	-90.0	168.85	DDH
EW138	389107.338	7351938.104	547.73	0.00	-90.0	76.00	PERC
EW139	389005.616	7352037.354	547.61	0.00	-90.0	126.00	PERC
EW140	388696.657	7352345.536	548.17	0.00	-90.0	210.85	DDH
EW141	389003.919	7351937.629	547.82	0.00	-90.0	94.00	PERC
EW142	389002.485	7351829.776	548.36	0.00	-90.0	90.00	PERC
EW143	389106.501	7352137.649	546.95	0.00	-90.0	97.00	PERC
EW144	388696.927	7352448.477	548.74	0.00	-90.0	213.50	DDH
EW145	388906.193	7352036.329	547.82	0.00	-90.0	145.00	PERC
EW146	388903.751	7351934.745	548.02	0.00	-90.0	115.00	PERC
EW147	388595.374	7352329.531	548.69	0.00	-90.0	226.70	DDH
EW148	388902.970	7351829.331	548.99	0.00	-90.0	98.00	PERC
EW149	389294.756	7352389.632	546.19	0.00	-90.0	120.00	DDH
EW150	389295.316	7352378.532	546.17	0.00	-90.0	120.00	PCDD
EW151	389296.050	7352370.808	546.41	0.00	-90.0	123.00	PCDD
EW152	389296.956	7352357.482	546.34	0.00	-90.0	111.40	PCDD
EW153	389298.162	7352337.632	546.43	0.00	-90.0	108.40	PCDD
EW154	389298.831	7352328.642	546.53	0.00	-90.0	108.20	PCDD
EW155	389299.490	7352319.593	546.50	0.00	-90.0	105.20	PCDD
EW156	389300.056	7352310.373	546.37	0.00	-90.0	96.65	PCDD
EW157	389301.150	7352292.360	546.28	0.00	-90.0	95.20	PCDD
EW158	389301.740	7352283.353	546.25	0.00	-90.0	96.45	PCDD
EW159	389302.453	7352274.157	546.04	0.00	-90.0	96.20	PCDD
EW160	389302.826	7352265.161	546.01	0.00	-90.0	91.25	PCDD
EW161	389304.301	7352245.797	545.68	0.00	-90.0	90.25	PCDD
EW162	389305.704	7352225.032	545.82	0.00	-90.0	88.10	PCDD
EW163	389306.375	7352214.537	545.65	0.00	-90.0	87.30	PCDD
EW164	389220.705	7352296.210	546.52	0.00	-90.0	24.00	PERC
EW165	389240.763	7352297.745	546.39	0.00	-90.0	106.35	PCDD
EW166	389260.663	7352299.032	546.50	0.00	-90.0	104.20	PCDD
EW167	389280.629	7352300.102	546.41	0.00	-90.0	101.20	PCDD
EW168	389340.421	7352304.018	546.05	0.00	-90.0	93.00	PCDD
EW169	389360.460	7352305.454	545.91	0.00	-90.0	87.15	PCDD
EW170	389381.003	7352308.926	545.52	0.00	-90.0	84.10	PCDD
EW171	389400.336	7352307.943	545.26	0.00	-90.0	83.00	PCDD
EW172	389304.781	7352235.427	545.16	0.00	-90.0	87.10	PCDD
EW173	389321.053	7352302.981	546.14	0.00	-90.0	96.40	PCDD
EW174	389220.808	7352291.116	546.51	0.00	-90.0	107.35	PCDD
EW175	388388.435	7352327.698	552.73	0.00	-90.0	320.00	PERC
EW176	388196.076	7352234.047	555.78	0.00	-90.0	371.00	PERC
EW177	387994.074	7352231.795	557.76	0.00	-90.0	450.00	PERC
EW178	388597.384	7352218.982	548.30	0.00	-90.0	218.00	PERC
EW179	388391.271	7352272.429	552.65	0.00	-90.0	300.00	PERC
EW180	388194.160	7352183.371	554.36	0.00	-90.0	270.00	PERC
EW181	387994.956	7352132.503	553.63	0.00	-90.0	286.00	PERC
EW182	387993.128	7352331.349	556.77	0.00	-90.0	340.00	PERC
EW183	387993.532	7352430.850	554.54	0.00	-90.0	350.00	PERC
EW184	387592.037	7352206.260	557.46	0.00	-90.0	380.00	PERC
EW185	388392.644	7352425.309	550.45	0.00	-90.0	330.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW186	387593.925	7352415.572	563.90	0.00	-90.0	410.00	PERC
EW187	387594.080	7352315.461	560.19	0.00	-90.0	410.00	PERC
EW188	387196.055	7352364.196	563.89	0.00	-90.0	470.00	PERC
EW189	388695.685	7352206.724	548.04	0.00	-90.0	210.00	PERC
EW190	387191.270	7352254.360	561.54	0.00	-90.0	460.00	PERC
EW191	388695.917	7352178.390	548.33	0.00	-90.0	200.00	PERC
EW192	388601.384	7351270.932	554.01	0.00	-90.0	92.00	PERC
EW193	388498.604	7351319.731	552.97	0.00	-90.0	111.00	PERC
EW194	388695.663	7352284.486	548.01	0.00	-90.0	214.00	PERC
EW195	388759.412	7351379.597	551.96	0.00	-90.0	86.00	PERC
EW196	388784.845	7351398.008	551.93	0.00	-90.0	78.00	PERC
EW197	388497.778	7351466.156	550.89	0.00	-90.0	131.00	PERC
EW198	388695.818	7352263.540	547.50	0.00	-90.0	230.00	PERC
EW199	388900.916	7351323.116	553.83	0.00	-90.0	61.00	PERC
EW200	388792.715	7352633.520	547.66	0.00	-90.0	220.00	PERC
EW201	389092.711	7352633.944	546.18	0.00	-90.0	170.00	PERC
EW202	388692.119	7352529.727	548.14	0.00	-90.0	237.00	PERC
EW203	389097.198	7352734.553	546.06	0.00	-90.0	176.00	PERC
EW204	389195.214	7352633.333	545.72	0.00	-90.0	166.00	PERC
EW205	389093.036	7352583.602	545.91	0.00	-90.0	178.00	PERC
EW206	388740.934	7352580.367	548.21	0.00	-90.0	240.00	PERC
EW207	388392.783	7352625.266	549.55	0.00	-90.0	296.00	PERC
EW208	388899.523	7351425.147	552.52	0.00	-90.0	70.00	PERC
EW209	388392.827	7352526.121	549.67	0.00	-90.0	292.00	PERC
EW210	387594.898	7352312.196	559.96	0.00	-90.0	410.00	PERC
EW211	388986.245	7356195.381	542.42	0.00	-90.0	240.00	PERC
EW212	388985.111	7355994.611	541.54	0.00	-90.0	256.00	PERC
EW213	389586.707	7356056.296	537.68	0.00	-90.0	136.00	PERC
EW214	389235.288	7355991.523	540.06	0.00	-90.0	220.00	PERC
EW215	388984.052	7355800.386	542.81	0.00	-90.0	290.00	PERC
EW216	389389.427	7356056.159	539.07	0.00	-90.0	170.00	PERC
EW217	389590.049	7356276.798	538.83	0.00	-90.0	84.00	PERC
EW218	389234.692	7356049.451	540.53	0.00	-90.0	182.00	PERC
EW219	389389.733	7356017.815	538.95	0.00	-90.0	156.00	PERC
EW220	388983.399	7355889.798	541.73	0.00	-90.0	234.00	PERC
EW221	389387.946	7355879.226	539.44	0.00	-90.0	211.00	PERC
EW222	388679.126	7355805.770	545.28	0.00	-90.0	334.00	PERC
EW226	389232.271	7355891.002	540.57	0.00	-90.0	216.00	PERC
EW227	388683.180	7355905.693	544.63	0.00	-90.0	299.00	PERC
EW228	386785.576	7352237.915	568.85	0.00	-90.0	511.00	PERC
EW229	388895.887	7352593.205	547.15	0.00	-90.0	210.00	PERC
EW230	388989.045	7352595.319	546.74	0.00	-90.0	184.00	PERC
EW231	389397.778	7352397.652	545.96	0.00	-90.0	100.00	PERC
EW232	388896.995	7352643.497	547.12	0.00	-90.0	191.00	PERC
EW233	388891.520	7352491.741	547.39	0.00	-90.0	200.00	PERC
EW234	389284.609	7352535.741	545.52	0.00	-90.0	156.00	PERC
EW235	389396.399	7352548.762	545.09	0.00	-90.0	116.00	PERC
EW236	389397.112	7352499.549	545.31	0.00	-90.0	115.00	PERC
EW237	389398.024	7352372.924	545.91	0.00	-90.0	100.00	PERC
EW238	389398.475	7352322.644	545.29	0.00	-90.0	100.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW239	389398.885	7352271.922	545.95	0.00	-90.0	98.00	PERC
EW240	389399.196	7352221.516	545.99	0.00	-90.0	100.00	PERC
EW241	389399.494	7352196.282	546.22	0.00	-90.0	76.00	PERC
EW242	389349.851	7352195.788	546.10	0.00	-90.0	80.00	PERC
EW243	389349.503	7352220.589	546.18	0.00	-90.0	72.00	PERC
EW244	389349.416	7352245.911	546.00	0.00	-90.0	88.00	PERC
EW245	389349.144	7352271.021	545.59	0.00	-90.0	94.00	PERC
EW246	389348.624	7352322.020	546.17	0.00	-90.0	100.00	PERC
EW247	389348.221	7352347.313	546.33	0.00	-90.0	106.00	PERC
EW248	389348.087	7352372.561	546.32	0.00	-90.0	107.00	PERC
EW249	389347.952	7352397.465	546.10	0.00	-90.0	114.00	PERC
EW250	389247.674	7352422.332	546.25	0.00	-90.0	124.00	PERC
EW251	389247.870	7352396.900	546.28	0.00	-90.0	126.00	PERC
EW252	389248.147	7352371.882	546.30	0.00	-90.0	121	PERC
EW253	389248.412	7352346.571	546.39	0.00	-90.0	136.00	PERC
EW254	389248.528	7352321.224	546.47	0.00	-90.0	118.00	PERC
EW255	389249.540	7352270.865	546.34	0.00	-90.0	118.00	PERC
EW256	389249.491	7352245.439	546.03	0.00	-90.0	102.00	PERC
EW257	389198.492	7352270.506	546.51	0.00	-90.0	120.00	PERC
EW258	389198.106	7352320.938	546.61	0.00	-90.0	120.00	PERC
EW259	389197.632	7352371.493	546.41	0.00	-90.0	127.00	PERC
EW260	389197.330	7352396.575	546.27	0.00	-90.0	128.00	PERC
EW261	389197.563	7352421.941	546.11	0.00	-90.0	130.00	PERC
EW262	389588.092	7353648.554	541.90	0.00	-90.0	92.00	PERC
EW263	389589.904	7353448.646	542.28	0.00	-90.0	98.00	PERC
EW264	389591.084	7353245.617	542.63	0.00	-90.0	100.00	PERC
EW265	389390.014	7353447.306	542.96	0.00	-90.0	141.00	PERC
EW266	389390.345	7353348.350	543.29	0.00	-90.0	141.00	PERC
EW267	389590.547	7353348.439	542.32	0.00	-90.0	102.00	PERC
EW268	389388.742	7353647.126	542.82	0.00	-90.0	139.00	PERC
EW269	388992.237	7353144.187	545.38	0.00	-90.0	212.00	PERC
EW270	388989.300	7353544.385	545.39	0.00	-90.0	196.00	PERC
EW271	388990.722	7353344.140	544.71	0.00	-90.0	220.00	PERC
EW272	388990.201	7353430.325	544.72	0.00	-90.0	220.00	PERC
EW273	388985.841	7356096.635	542.17	0.00	-90.0	202.00	PERC
EW274	389386.491	7355779.086	540.38	0.00	-90.0	226.00	PERC
EW275	389388.766	7355680.606	542.27	0.00	-90.0	244.00	PERC
EW276	388988.021	7353744.433	545.36	0.00	-90.0	206.00	PERC
EW277	388982.245	7354543.790	548.64	0.00	-90.0	124.00	PCDD
EW278	388986.358	7353944.431	547.95	0.00	-90.0	191.00	PERC
EW279	388985.147	7354144.762	545.29	0.00	-90.0	178.50	PERC
EW280	388984.116	7354343.403	551.02	0.00	-90.0	152.00	PERC
EW281	388980.716	7354743.816	545.87	0.00	-90.0	128.00	PERC
EW282	388979.363	7354943.612	543.81	0.00	-90.0	123.00	PERC
EW283	388977.975	7355143.560	543.12	0.00	-90.0	132.00	PERC
EW284	388976.052	7355343.336	545.22	0.00	-90.0	151.00	PERC
EW285	388974.747	7355543.760	546.16	0.00	-90.0	130.00	PERC
EW286	388993.866	7352946.657	549.22	0.00	-90.0	206.00	PERC
EW287	388595.557	7352741.506	548.91	0.00	-90.0	266.00	PERC
EW288	388594.080	7352941.583	551.24	0.00	-90.0	272.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW289	388592.516	7353141.456	548.96	0.00	-90.0	278.00	PERC
EW290	388590.987	7353341.310	549.00	0.00	-90.0	294.00	PERC
EW291	388589.731	7353541.172	549.21	0.00	-90.0	288.00	PERC
EW292	388587.948	7353741.250	548.60	0.00	-90.0	278.00	PERC
EW293	388586.388	7353940.928	550.72	0.00	-90.0	274.00	PERC
EW294	388585.163	7354141.266	552.60	0.00	-90.0	258.00	PERC
EW295	388583.461	7354340.911	552.44	0.00	-90.0	220.00	PERC
EW296	388582.318	7354540.923	550.16	0.00	-90.0	200.00	PERC
EW297	388591.941	7353241.417	549.48	0.00	-90.0	300.00	PERC
EW298	388580.955	7354740.578	547.97	0.00	-90.0	194.00	PERC
EW299	388579.012	7354940.979	546.86	0.00	-90.0	221.00	PERC
EW300	388577.598	7355140.630	547.46	0.00	-90.0	235.00	PERC
EW301	388576.424	7355343.912	549.59	0.00	-90.0	214.00	PERC
EW303	388591.732	7353291.572	549.85	0.00	-90.0	294.90	PCDD
EW304	389198.341	7352304.233	546.49	0.00	-90.0	121.00	PCDD
EW305	389397.448	7352422.182	545.72	0.00	-90.0	100.00	PERC
EW306	389398.283	7352340.991	545.52	0.00	-90.0	90.00	PERC
EW307	389398.684	7352295.524	545.74	0.00	-90.0	92.00	PERC
EW308	389399.168	7352240.227	545.80	0.00	-90.0	93.5	PERC
EW309	389397.522	7352472.996	545.57	0.00	-90.0	110.5	PERC
EW310	389348.735	7352297.157	546.06	0.00	-90.0	94.00	PERC
EW311	389249.137	7352296.562	546.58	0.00	-90.0	106.00	PERC
EW312	389390.493	7353297.851	543.62	0.00	-90.0	140.00	PERC
EW313	389390.211	7353247.526	543.56	0.00	-90.0	128.00	PERC
EW314	388994.390	7352844.646	550.25	0.00	-90.0	200.00	PERC
EW315	388596.405	7352593.705	548.48	0.00	-90.0	260.00	PERC
EW316	388595.712	7352691.582	548.90	0.00	-90.0	264.00	PERC
EW317	388594.495	7352841.979	549.78	0.00	-90.0	274.00	PERC
EW318	388592.235	7353190.896	549.52	0.00	-90.0	286.00	PERC
EW319	388991.511	7353293.811	544.79	0.00	-90.0	221	PERC
EW320	388584.198	7354240.842	551.98	0.00	-90.0	252.00	PERC
EW321	388988.598	7353644.186	545.52	0.00	-90.0	206.00	PERC
EW322	388987.107	7353834.225	545.90	0.00	-90.0	200.00	PERC
EW323	388973.909	7355693.414	544.08	0.00	-90.0	180.00	PERC
EW324	388983.092	7354444.160	550.19	0.00	-90.0	150.00	PERC
EW325	388984.342	7354244.224	548.35	0.00	-90.0	180.00	PERC
EW336	386398.601	7352425.564	562.80	0.00	-90.0	577.00	PERC
EW337	386399.029	7352325.512	564.29	0.00	-90.0	569.00	PERC
EW338	386399.987	7352225.754	565.86	0.00	-90.0	533.00	PERC
EW339	389597.161	7352399.160	545.73	0.00	-90.0	78.00	PERC
EW340	389596.925	7352449.254	545.36	0.00	-90.0	78.00	PERC
EW341	389597.958	7352349.364	545.81	0.00	-90.0	78.00	PERC
EW342	389597.980	7352299.379	546.74	0.00	-90.0	78.00	PERC
EW343	389598.452	7352265.180	546.64	0.00	-90.0	66.00	PERC
EW344	389699.195	7352249.632	546.22	0.00	-90.0	40.00	PERC
EW345	389697.785	7352301.737	545.97	0.00	-90.0	48.00	PERC
EW346	389698.199	7352351.743	546.00	0.00	-90.0	58.00	PERC
EW347	389697.834	7352401.742	545.49	0.00	-90.0	58.00	PERC
EW348	389598.858	7352199.490	546.65	0.00	-90.0	48.00	PERC
EW349	389390.645	7352849.365	544.71	0.00	-90.0	124.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW350	389389.741	7352948.849	544.38	0.00	-90.0	138.00	PERC
EW351	389393.097	7353049.533	544.00	0.00	-90.0	142.00	PERC
EW352	388995.106	7352794.724	548.12	0.00	-90.0	200.00	PERC
EW353	387996.787	7352537.628	552.78	0.00	-90.0	350.00	PERC
EW354	387995.585	7352737.340	552.66	0.00	-90.0	366.00	PERC
EW355	387993.974	7352938.055	557.15	0.00	-90.0	374.00	PERC
EW356	387991.883	7353137.790	557.07	0.00	-90.0	388.00	PERC
EW357	387988.430	7353337.760	557.69	0.00	-90.0	388.00	PERC
EW358	387996.312	7352637.830	552.94	0.00	-90.0	358.00	PERC
EW359	387997.466	7352487.194	553.50	0.00	-90.0	360.00	PERC
EW360	388596.903	7352541.848	548.63	0.00	-90.0	250.00	PERC
EW361	388596.316	7352641.676	548.78	0.00	-90.0	256.00	PERC
EW362	388594.909	7352791.312	549.08	0.00	-90.0	262.00	PERC
EW363	388594.421	7352892.099	550.59	0.00	-90.0	276.00	PERC
EW364	388993.244	7352994.779	548.19	0.00	-90.0	208.00	PERC
EW365	388994.203	7352896.617	551.00	0.00	-90.0	210.00	PERC
EW366	389388.955	7352999.432	544.23	0.00	-90.0	136.00	PERC
EW367	389394.237	7352899.585	544.45	0.00	-90.0	138.00	PERC
EW368	389195.550	7352796.110	545.45	0.00	-90.0	160.00	PERC
EW369	389195.479	7352846.316	545.58	0.00	-90.0	160.00	PERC
EW370	389195.151	7352896.418	545.45	0.00	-90.0	160.00	PERC
EW371	389194.589	7352943.917	545.03	0.00	-90.0	168.00	PERC
EW372	389193.619	7353147.043	544.50	0.00	-90.0	176.00	PERC
EW373	389192.007	7353198.069	544.00	0.00	-90.0	186.00	PERC
EW374	389191.642	7353248.067	543.93	0.00	-90.0	186.00	PERC
EW375	389191.124	7353296.005	543.75	0.00	-90.0	180.00	PERC
EW376	389190.869	7353345.895	543.82	0.00	-90.0	180.00	PERC
EW377	388791.359	7353293.579	545.65	0.00	-90.0	250.00	PERC
EW378	388791.601	7353242.944	545.55	0.00	-90.0	250.00	PERC
EW379	388791.925	7353193.018	545.76	0.00	-90.0	258.00	PERC
EW380	388792.400	7353142.999	545.85	0.00	-90.0	250.00	PERC
EW381	388396.431	7352590.371	549.57	0.00	-90.0	282.00	PERC
EW382	388397.891	7352390.352	551.13	0.00	-90.0	272	PERC
EW383	388398.876	7352240.280	551.78	0.00	-90.0	250.00	PERC
EW384	388597.914	7352392.023	549.02	0.00	-90.0	230.00	PERC
EW385	388598.845	7352291.977	548.37	0.00	-90.0	220.00	PERC
EW386	388599.170	7352241.320	548.12	0.00	-90.0	210.00	PERC
EW387	387599.604	7352234.507	557.58	0.00	-90.0	376	PERC
EW388	387598.470	7352334.577	561.33	0.00	-90.0	396.00	PERC
EW389	387598.814	7352384.503	562.70	0.00	-90.0	400.00	PERC
EW390	387997.767	7352387.941	555.39	0.00	-90.0	330.00	PERC
EW391	387199.643	7352231.944	561.07	0.00	-90.0	436.00	PERC
EW392	387198.866	7352331.942	564.48	0.00	-90.0	450.00	PERC
EW393	387198.029	7352431.747	565.57	0.00	-90.0	460.00	PERC
EW394	387399.197	7352283.052	561.82	0.00	-90.0	420.00	PERC
EW395	387399.151	7352233.136	560.80	0.00	-90.0	396.00	PERC
EW396	387398.396	7352332.889	563.86	0.00	-90.0	430.00	PERC
EW397	387398.109	7352382.996	566.84	0.00	-90.0	436.00	PERC
EW398	387397.697	7352432.801	569.27	0.00	-90.0	440.00	PERC
EW399	386999.404	7352229.757	564.68	0.00	-90.0	461.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW400	386999.009	7352280.136	566.66	0.00	-90.0	471.00	PERC
EW401	388200.060	7352139.011	553.54	0.00	-90.0	260.00	PERC
EW402	388199.605	7352289.054	555.31	0.00	-90.0	290.00	PERC
EW403	388198.689	7352338.834	554.10	0.00	-90.0	301.00	PERC
EW404	386998.664	7352330.315	565.99	0.00	-90.0	481.00	PERC
EW405	387800.029	7352186.126	556.91	0.00	-90.0	330.00	PERC
EW406	387799.216	7352235.795	558.03	0.00	-90.0	356.00	PERC
EW407	387799.218	7352286.013	556.64	0.00	-90.0	360.00	PERC
EW408	388998.637	7352294.767	547.15	0.00	-90.0	156.00	PERC
EW409	388997.885	7352394.812	546.84	0.00	-90.0	166.00	PERC
EW410	388798.757	7352293.120	547.60	0.00	-90.0	186.00	PERC
EW411	388799.156	7352243.281	547.87	0.00	-90.0	180.00	PERC
EW412	388397.056	7352490.523	549.72	0.00	-90.0	282.00	PERC
EW413	387798.188	7352436.155	555.50	0.00	-90.0	376.00	PERC
EW414	387798.215	7352386.175	555.76	0.00	-90.0	376.00	PERC
EW415	387799.001	7352335.939	556.06	0.00	-90.0	370.00	PERC
EW416	388198.259	7352389.074	553.53	0.00	-90.0	301.00	PERC
EW417	388197.654	7352439.333	552.73	0.00	-90.0	307.00	PERC
EW418	387999.421	7352189.385	555.99	0.00	-90.0	300.00	PERC
EW419	386998.524	7352380.068	565.12	0.00	-90.0	488.00	PERC
EW420	386998.121	7352430.002	566.55	0.00	-90.0	490.00	PERC
EW421	387597.821	7352484.890	564.18	0.00	-90.0	410.00	PERC
EW422	386797.926	7352428.835	570.56	0.00	-90.0	518.00	PERC
EW423	386798.912	7352378.434	571.80	0.00	-90.0	514.00	PERC
EW424	386799.251	7352328.652	572.95	0.00	-90.0	510.00	PERC
EW425	386398.968	7352375.345	563.27	0.00	-90.0	574.00	PERC
EW426	386399.463	7352275.497	565.27	0.00	-90.0	564.00	PERC
EW427	389547.839	7352323.040	545.52	0.00	-90.0	70.60	PCDD
EW428	389602.462	7352323.456	546.08	0.00	-90.0	64.00	PCDD
EW429	389647.710	7352324.424	545.84	0.00	-90.0	55.00	PCDD
EW430	389698.381	7352326.744	545.99	0.00	-90.0	43.00	PCDD
EW431	389747.641	7352325.306	546.15	0.00	-90.0	33.60	PCDD
EW432	386799.759	7352278.684	570.07	0.00	-90.0	510.00	PERC
EW433	389596.514	7352499.305	544.91	0.00	-90.0	60.50	PERC
EW434	387200.111	7352181.460	560.22	0.00	-90.0	432.00	PERC
EW435	385600.379	7352219.608	561.30	0.00	-90.0	648.00	PERC
EW436	385599.779	7352270.126	560.96	0.00	-90.0	664.00	PERC
EW437	385599.632	7352320.453	560.95	0.00	-90.0	606.00	PERC
EW438	385598.982	7352370.306	561.22	0.00	-90.0	678.00	PERC
EW439	385597.220	7352471.807	562.62	0.00	-90.0	694.00	PERC
EW440	388793.821	7352942.767	546.99	0.00	-90.0	246.00	PERC
EW441	388794.189	7352892.774	547.13	0.00	-90.0	235.10	PCDD
EW442	388794.475	7352842.627	547.40	0.00	-90.0	229.00	PCDD
EW443	388794.937	7352792.535	547.46	0.00	-90.0	222.60	PCDD
EW444	388795.391	7352743.091	547.45	0.00	-90.0	219.95	PCDD
EW445	388796.052	7352693.212	547.43	0.00	-90.0	214.10	PCDD
EW446	389401.514	7352307.576	545.19	0.00	-90.0	94.75	PCDD
EW447	389399.233	7352221.520	545.94	0.00	-90.0	22.50	PCDD
EW448	389248.201	7352349.958	546.49	0.00	-90.0	112.70	PCDD
EW449	388395.843	7352689.862	549.81	0.00	-90.0	294.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW450	388395.107	7352790.087	550.11	0.00	-90.0	294.00	PERC
EW451	388395.722	7352740.195	549.93	0.00	-90.0	294.00	PERC
EW452	388394.594	7352839.945	551.59	0.00	-90.0	298.00	PERC
EW453	388394.211	7352890.469	552.47	0.00	-90.0	306.00	PERC
EW454	388393.836	7352940.581	552.60	0.00	-90.0	312.00	PERC
EW455	388393.136	7353140.273	553.35	0.00	-90.0	314.00	PERC
EW456	388392.580	7353190.533	554.25	0.00	-90.0	318.00	PERC
EW457	388392.127	7353240.496	554.32	0.00	-90.0	332.00	PERC
EW458	388391.887	7353290.439	553.48	0.00	-90.0	330.00	PERC
EW459	388797.559	7352994.809	546.66	0.00	-90.0	238.00	PERC
EW460	389196.282	7352696.113	545.53	0.00	-90.0	166.00	PERC
EW461	389195.293	7352748.081	545.57	0.00	-90.0	160.00	PERC
EW462	389395.989	7352598.989	545.15	0.00	-90.0	120.00	PERC
EW463	389395.652	7352699.543	545.00	0.00	-90.0	126.00	PERC
EW464	389404.036	7352749.204	544.80	0.00	-90.0	126.00	PERC
EW465	389392.591	7352799.007	544.66	0.00	-90.0	134.00	PERC
EW466	389395.318	7352649.310	544.85	0.00	-90.0	120.00	PERC
EW467	387995.824	7352589.516	552.63	0.00	-90.0	354.00	PERC
EW468	387994.597	7352839.318	556.26	0.00	-90.0	380.00	PERC
EW469	387995.692	7352689.322	553.22	0.00	-90.0	360.00	PERC
EW470	387994.962	7352789.319	553.02	0.00	-90.0	374.00	PERC
EW471	387994.693	7352889.825	557.64	0.00	-90.0	384.00	PERC
EW472	387990.122	7353237.553	557.00	0.00	-90.0	402.00	PERC
EW473	388593.279	7352991.739	550.53	0.00	-90.0	278.00	PERC
EW474	388592.983	7353041.467	548.85	0.00	-90.0	276.00	PERC
EW475	388592.570	7353091.954	548.34	0.00	-90.0	284.00	PERC
EW476	388394.577	7352864.824	552.27	0.00	-90.0	300.00	PERC
EW477	389195.641	7352871.226	545.54	0.00	-90.0	178.00	PERC
EW478	384798.995	7352413.813	562.98	0.00	-90.0	524.00	PERC
EW479	387998.607	7352287.386	557.96	0.00	-90.0	320.40	PCDD
EW480	387598.695	7352284.121	558.59	0.00	-90.0	390.00	PCDD
EW481	387198.635	7352283.493	563.44	0.00	-90.0	446.00	PCDD
EW482	388392.132	7353215.631	554.57	0.00	-90.0	302	PCDD
EW483	387990.450	7353186.726	556.98	0.00	-90.0	370.00	PERC
EW484	387597.604	7352534.475	563.31	0.00	-90.0	406.00	PERC
EW485	387597.151	7352584.342	561.63	0.00	-90.0	422.00	PERC
EW486	384797.754	7352395.968	563.02	0.00	-90.0	746.00	PERC
EW487	384800.060	7352313.875	563.14	0.00	-90.0	730.00	PERC
EW488	387596.671	7352634.202	559.99	0.00	-90.0	460.00	PERC
EW489	387400.656	7352183.906	559.94	0.00	-90.0	430.00	PERC
EW490	388994.751	7352821.619	549.09	0.00	-90.0	200.00	PERC
EW491	388994.032	7352869.998	551.01	0.00	-90.0	200.00	PERC
EW492	388994.021	7352921.616	551.00	0.00	-90.0	208.00	PERC
EW493	388993.791	7352969.734	548.88	0.00	-90.0	216.00	PERC
EW494	388893.044	7352994.052	548.69	0.00	-90.0	220.00	PERC
EW495	388893.377	7352969.015	549.18	0.00	-90.0	220.00	PERC
EW496	388893.801	7352944.061	549.12	0.00	-90.0	220.00	PERC
EW497	388893.755	7352918.952	549.40	0.00	-90.0	220.00	PERC
EW498	388893.880	7352893.960	549.28	0.00	-90.0	220.00	PERC
EW499	388894.392	7352868.639	549.28	0.00	-90.0	220.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW500	388894.546	7352844.019	549.16	0.00	-90.0	220.00	PERC
EW501	388894.404	7352818.860	549.21	0.00	-90.0	220.00	PERC
EW502	388894.996	7352793.871	549.21	0.00	-90.0	220.00	PERC
EW503	388697.415	7352694.235	548.30	0.00	-90.0	240.00	PERC
EW504	388697.193	7352719.985	548.08	0.00	-90.0	240.00	PERC
EW505	388697.514	7352745.089	548.52	0.00	-90.0	240.00	PERC
EW506	388696.535	7352769.503	548.27	0.00	-90.0	240.00	PERC
EW507	388696.882	7352794.401	548.06	0.00	-90.0	240.00	PERC
EW508	388696.953	7352819.976	547.98	0.00	-90.0	240.00	PERC
EW509	388696.836	7352844.671	547.86	0.00	-90.0	240.00	PERC
EW510	388696.750	7352869.988	547.74	0.00	-90.0	240.00	PERC
EW511	388697.192	7352894.841	547.69	0.00	-90.0	240.00	PERC
EW512	388697.129	7352919.586	547.59	0.00	-90.0	240.00	PERC
EW513	388697.426	7352944.764	547.67	0.00	-90.0	240.00	PERC
EW514	388697.156	7352969.650	547.47	0.00	-90.0	240.00	PERC
EW515	388697.259	7352994.582	547.06	0.00	-90.0	240.00	PERC
EW516	388594.204	7352967.482	551.28	0.00	-90.0	270.00	PERC
EW517	388594.212	7352917.260	551.14	0.00	-90.0	270.00	PERC
EW518	388594.096	7352866.537	550.29	0.00	-90.0	270.00	PERC
EW519	388594.980	7352815.919	549.36	0.00	-90.0	270.00	PERC
EW520	388595.329	7352766.638	549.19	0.00	-90.0	260.00	PERC
EW521	388595.721	7352716.495	548.98	0.00	-90.0	260.00	PERC
EW522	387302.588	7351782.965	557.23	0.00	-90.0	346.00	PERC
EW523	387302.543	7351882.709	558.95	0.00	-90.0	360.00	PERC
EW524	387604.227	7351684.366	553.63	0.00	-90.0	280.00	PERC
EW525	387603.876	7351633.644	553.33	0.00	-90.0	270.00	PERC
EW526	387601.495	7351984.478	556.36	0.00	-90.0	330.00	PERC
EW527	387801.384	7351986.107	555.40	0.00	-90.0	291.00	PERC
EW528	387802.391	7351835.615	555.18	0.00	-90.0	281.00	PERC
EW529	387802.308	7351784.971	553.51	0.00	-90.0	271.00	PERC
EW530	387803.086	7351735.129	552.82	0.00	-90.0	272.00	PERC
EW531	387803.182	7351684.910	552.51	0.00	-90.0	252.00	PERC
EW532	387802.779	7351635.523	552.35	0.00	-90.0	248.00	PERC
EW533	387302.803	7351807.490	557.45	0.00	-90.0	352.00	PERC
EW534	388794.077	7352967.595	546.90	0.00	-90.0	244.00	PERC
EW535	388794.269	7352918.126	547.05	0.00	-90.0	238.00	PERC
EW536	388794.609	7352867.377	547.21	0.00	-90.0	232.00	PERC
EW537	388795.283	7352767.688	547.48	0.00	-90.0	232.00	PERC
EW538	387992.389	7353040.976	556.20	0.00	-90.0	388.00	PERC
EW539	388794.954	7352817.146	547.46	0.00	-90.0	232.00	PERC
EW540	387303.295	7351757.534	557.20	0.00	-90.0	336.00	PERC
EW541	383997.875	7352407.954	560.84	0.00	-90.0	825.00	PERC
EW542	387302.447	7351857.840	558.17	0.00	-90.0	364.00	PERC
EW543	383997.199	7352508.021	560.14	0.00	-90.0	860.00	PERC
EW544	387194.525	7352931.884	565.46	0.00	-90.0	530.00	PERC
EW545	387990.424	7353186.412	556.99	0.00	-90.0	408.00	PERC
EW546	387197.731	7352531.399	565.95	0.00	-90.0	490.00	PERC
EW547	387196.205	7352731.230	561.77	0.00	-90.0	500.00	PERC
EW548	387191.884	7353532.576	566.79	0.00	-90.0	548.00	PERC
EW549	387192.767	7353332.226	567.98	0.00	-90.0	552.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
EW550	387193.868	7353131.908	565.50	0.00	-90.0	530.00	PERC
EW551	386390.358	7353527.281	558.43	0.00	-90.0	673.00	PERC
EW552	386401.296	7352025.150	566.10	0.00	-90.0	506.00	PERC
EW553	386392.119	7353326.698	558.66	0.00	-90.0	656.00	PERC
EW554	386402.717	7351825.225	566.79	0.00	-90.0	482.00	PERC
EW555	386393.648	7353126.214	559.27	0.00	-90.0	657.00	PERC
EW556	386404.527	7351625.571	571.32	0.00	-90.0	441.00	PERC
EW557	386394.913	7352925.860	560.13	0.00	-90.0	641.00	PERC
EW558	386404.863	7351427.677	573.95	0.00	-90.0	436.00	PERC
EW559	386396.728	7352725.480	560.47	0.00	-90.0	628.00	PERC
EW560	386407.083	7351225.432	569.44	0.00	-90.0	391.00	PERC
EW561	386397.674	7352525.632	561.87	0.00	-90.0	601.00	PERC
EW562	385597.385	7352619.704	560.78	0.00	-90.0	721.00	PERC
EW563	385592.043	7353421.129	554.72	0.00	-90.0	780.00	PERC
EW564	385593.458	7353220.495	555.64	0.00	-90.0	770.00	PERC
EW565	385594.699	7353019.593	557.48	0.00	-90.0	747.00	PERC
EW566	385595.511	7352820.618	558.50	0.00	-90.0	730.00	PERC
EW567	387193.219	7353231.956	569.08	0.00	-90.0	544.00	PERC
EW568	387194.259	7353031.888	563.83	0.00	-90.0	540.00	PERC
EW569	386394.110	7353025.962	559.89	0.00	-90.0	640.00	PERC
EW570	386392.679	7353226.466	559.02	0.00	-90.0	656.00	PERC
EW571	387592.249	7353134.079	567.56	0.00	-90.0	472.00	DDH
EW572	387591.919	7353233.989	564.16	0.00	-90.0	480.00	DDH
EW573	387593.101	7352993.874	562.49	0.00	-90.0	488.00	DDH
EW574	388189.463	7353289.306	556.67	0.00	-90.0	368.00	DDH
EW575	388191.316	7353191.140	557.33	0.00	-90.0	374.00	DDH
EW576	388190.397	7353240.883	557.62	0.00	-90.0	380.00	DDH
EW577	388190.496	7353341.055	557.02	0.00	-90.0	376.00	DDH
EW578	387594.573	7352934.187	560.49	0.00	-90.0	462.00	DDH
EW579	384797.608	7352513.453	562.27	0.00	-90.0	800.00	DDH
EW580	384046.900	7352510.489	560.39	0.00	-90.0	864.00	DDH
P1	389115.433	7353139.508	544.85	0.00	-90.0	190.00	PERC
P2	387608.463	7350935.548	554.83	0.00	-90.0	182	DDH
P67	389071.934	7355947.260	540.96	0.00	-90.0	60	DDH
P69	389775.564	7355452.385	542.58	0.00	-90.0	21	DDH
P131	386090.271	7353425.430	557.34	0.00	-90.0	50.00	DDH
P132	385162.389	7353454.898	554.83	0.00	-90.0	50.00	DDH
P133	384104.929	7351410.886	565.72	0.00	-90.0	50.00	DDH
P134	388088.370	7356465.307	538.85	0.00	-90.0	50.00	DDH
P171	387309.293	7350932.886	556.15	0.00	-90.0	206.00	DDH
P172	387307.723	7351132.978	560.46	0.00	-90.0	240.00	PERC
P173	387306.591	7351333.517	559.13	0.00	-90.0	272	PERC
P174	387304.680	7351533.341	558.12	0.00	-90.0	305	PERC
P175	387303.574	7351732.770	557.38	0.00	-90.0	338.00	PERC
P176	387301.862	7351932.082	558.95	0.00	-90.0	364.00	PERC
P177	387300.336	7352132.574	558.50	0.00	-90.0	386.00	PERC
P178	387302.734	7351832.504	558.09	0.00	-90.0	352.00	PERC
P179	387304.047	7351632.294	556.96	0.00	-90.0	322.00	PERC
P180	387301.180	7352032.861	559.34	0.00	-90.0	374.00	PERC
P181	387306.662	7351232.478	560.09	0.00	-90.0	258.00	PERC

Hole	East	North	RL	Azimuth	Dip	Depth	Type
P182	389771.515	7355977.901	536.62	0.00	-90.0	96.00	DDH
P183	388974.004	7355643.426	544.78	0.00	-90.0	178.00	DDH
P184	388973.434	7355593.780	545.41	0.00	-90.0	170.00	DDH
P185	388676.241	7355705.805	545.44	0.00	-90.0	242.00	DDH
P186	389373.321	7355699.750	541.74	0.00	-90.0	220.00	DDH
P187	388674.267	7355656.380	546.22	0.00	-90.0	250.00	DDH
P193	388000.945	7351937.698	551.70	0.00	-90.0	268.00	PERC
P194	388002.216	7351837.672	552.83	0.00	-90.0	260.00	PERC
P195	386901.937	7351929.629	566.54	0.00	-90.0	440.00	PERC
P196	388000.756	7352037.025	551.45	0.00	-90.0	276.00	PERC
P197	388002.893	7351737.710	551.38	0.00	-90.0	238.00	PERC
P198	386902.542	7351830.041	568.78	0.00	-90.0	418.00	PERC
P199	386902.804	7351729.244	573.01	0.00	-90.0	406.00	PERC
P200	388004.005	7351636.926	551.48	0.00	-90.0	224.00	PERC
P201	388004.710	7351537.116	551.69	0.00	-90.0	210.00	PERC
P202	386904.227	7351629.749	569.39	0.00	-90.0	386.00	PERC
P245	388200.551	7352038.981	550.77	0.00	-90.0	248.00	PERC
P246	388201.253	7351939.629	550.21	0.00	-90.0	234.00	PERC
P247	388201.275	7351838.677	550.38	0.00	-90.0	228.00	PERC
P248	388202.622	7351740.809	550.50	0.00	-90.0	410.00	PERC
P249	388203.747	7351638.262	550.82	0.00	-90.0	200.00	PERC
P250	387600.792	7352034.177	556.39	0.00	-90.0	334.00	PERC
P251	387601.566	7351935.503	557.15	0.00	-90.0	326.00	PERC
P252	387602.077	7351833.776	555.01	0.00	-90.0	308.00	PERC
P253	387602.639	7351736.429	553.92	0.00	-90.0	295.5	PERC
P263	387602.864	7351784.082	554.05	0.00	-90.0	308.00	PERC
P273	388202.257	7351790.808	550.50	0.00	-90.0	254.00	PERC
P274	388005.388	7351436.403	551.93	0.00	-90.0	200.00	PERC
P275	386904.475	7351529.245	568.08	0.00	-90.0	374.00	PERC
P276	388006.418	7351336.023	552.34	0.00	-90.0	182.00	PERC
P277	389282.230	7351961.620	547.63	0.00	-90.0	62.00	PERC
P278	387602.393	7351884.088	557.16	0.00	-90.0	308.00	PERC
P280	388173.420	7355740.695	550.27	0.00	-90.0	520.00	DDH
P281	388174.150	7355640.698	546.00	0.00	-90.0	360.00	DDH
P282	388174.880	7355540.701	549.72	0.00	-90.0	370.00	DDH
P283	388175.157	7355437.322	552.05	0.00	-90.0	386.00	DDH
P284	388172.829	7355838.600	544.10	0.00	-90.0	410.00	DDH
P285	388172.421	7355938.704	542.99	0.00	-90.0	488.00	DDH
P286	387772.218	7355735.491	550.58	0.00	-90.0	464.00	DDH
P287	388171.620	7356039.008	541.87	0.00	-90.0	256.00	DDH
P288	388170.984	7356064.189	541.61	0.00	-90.0	424.00	DDH
P289	387774.165	7355636.260	552.40	0.00	-90.0	458	DDH
P290	387772.071	7355835.635	550.11	0.00	-90.0	472.00	DDH
P291	387775.125	7355534.960	555.03	0.00	-90.0	456.00	DDH

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Samples were derived from Diamond Core (DDH) drilling sampled at various intervals ranging from 0.1 to 0.5m. Drill core was cut in half by diamond saw to generate half NQ2 core. • All holes drilled by Uranerz were downhole gamma logged. • Downhole gamma probing of all drill holes drilled by the Cameco/Paladin JV has been completed in conjunction with assaying of selected mineralised intervals. • Downhole probing of a number of the historical drill holes completed by Uranerz was undertaken in early 2009 by Cameco in order to validate historical downhole gamma logs.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Drilling undertaken by Uranerz was a combination of diamond and percussion. • Diamond drilling was used for all mineralised intercepts during the 2008-2011 Angela drilling program. Long holes utilised RC pre-collars • All holes were drilled vertically and intersections measured represent true thicknesses of mineralisation. • Drilling during the 2008-2011 period was conducted by Gorey and Cole Drillers of Alice Springs using a Schramm 685 with 1800 cfm and 900 psi boosted air for RC drilling, a KL1500 universal rig for both RC pre-collars and core tails, and an Edson 6000 rig for core drilling.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Drill recoveries during the Uranerz drill campaigns is unknown but presumed to have been appropriate for the style of drilling undertaken. As all holes were downhole gamma logged the recovery of drill samples is of lesser importance beyond confirming the equivalence of downhole gamma derived grades. • The parameters affecting DDH sample quality are understood. • During the 2008-2011 drilling campaign diamond core recoveries

Criteria	JORC Code explanation	Commentary
		were good at an average of greater than 90%, RC pre-collars did not intersect mineralisation and as such recoveries are not relevant. • Core recoveries were assessed by confirming drill runs.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• All drill holes were geologically logged. • The logging is qualitative in nature. The lithology type was determined for all samples. • Other parameters routinely logged include colour, colour intensity, weathering, oxidation, and total gamma count (by handheld Rad-Eye scintillometer) in conjunction with various geotechnical parameters. • For the 2008-2011 drill programme all core was photographed. • All holes were logged downhole at the time of drilling using calibrated total count, spectrometer and resistivity probes. • Uranerz downhole logging was conducted using a combination of contractor and company owned equipment. Downhole logs were subsequently digitised for use in Mineral Resource estimation. • Prior to May 2009 downhole probes were owned and operated by Cameco, the operator of the project at the time, after this time Borehole Wireline was contracted to undertake downhole logging.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Uranerz assay sampling resulted in variable length intervals based on lithological boundaries as well as 5cm gamma downhole logging. • For the Cameco/Paladin JV drilling NQ core was cut in half. • The above sub-sampling techniques are common industry practice and is considered appropriate for the deposit. • Sample sizes are considered appropriate to the grain size of the material being sampled. • For the 2008-2011 drill programme, Duplicates, Standards and blank samples were inserted into the sample stream at a target approximate rate of one each for every 20 samples.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels*	• Assay methods employed by Uranerz are unknown but presumed to be industry standard for the time. • Calibrated downhole gamma tools have been used. • For the 2008-2011 drill programme the analytical method employed was four acid digest ICP-MS. The technique is industry standard and considered appropriate for sandstone hosted deposits. • Gamma probes used for the exploration work were routinely calibrated at the SA government calibration facility in Adelaide. • Gamma probes were assessed for calibration drift using daily sleeve

Criteria	JORC Code explanation	Commentary
	of accuracy (ie lack of bias) and precision have been established.	calibrations when drilling was being undertaken.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Geology was directly recorded into a field book and sample tag books filled in at the drill site. • The drill data of those logs and tag books (lithology, sample specifications etc.) were transferred by designated personnel into a geological database.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Uranerz routinely surveyed drill collars during drilling and additionally, where historical collars could be identified during 2008 (551 of 622), these were surveyed by professional contractor. Uranerz did not complete downhole deviation surveys and all holes are considered vertical. • Drill hole collar locations were surveyed by a professional contractor (Ausurv Pty Ltd.) • During the 2009 drilling programme drill holes greater than 200m in length were downhole surveyed every 12m using a Reflex EzTrac multi-shot tool. Downhole deviation recorded were considered minor and the routine surveying of downhole deviation was discontinued. • The grid system is World Geodetic System (WGS) 1984, Zone 53S. • Topography used in the Mineral Resource estimate was based on surveyed drill collar positions.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Uranerz drilling between 1972 and 1983 was a combination of regional exploration and resource infill drilling. • The 2008-2011 drilling programme was for Mineral Resource purposes and infilled historical drill holes. • The drill hole spacing was a nominal 50m by 200m and aimed to result in a final coverage of 50m by 100m when the historical drilling was included. • A total of 172 drill holes were completed for a total of 32,810m and added to the historical drilling within the area of 622 drill holes for 147,658m. • Samples were not routinely composited, downhole gamma logs were composited from 5cm to 1m. • The drill spacing of all holes is considered to be reasonable to establish the geological and grade continuity of the deposit and this is reflected in the Mineral Resource classification applied.
Orientation of data in relation to	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation*	• Uranium mineralisation is redox front controlled and is distributed in a moderately continuous shallowly plunging zone. Holes were drilled vertically and mineralised intercepts represent the true width. • During the 2008-2011 drill programme, all holes were sampled down-

Criteria	JORC Code explanation	Commentary
geological structure	*of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	hole from just above the mineralisation. Geochemical samples were collected based on geological boundaries or 1 m intervals. • Downhole gamma logging was conducted at a 5 cm interval.
Sample security	• *The measures taken to ensure sample security.*	• Sample security for the Uranerz samples is unknown but presumed to be industry standard for the time. • For the 2008-2011 drill programme diamond drill core samples were placed into core trays at the drill site. The core trays were labelled with drill hole number and intervals. • The core trays were transported from the drill site to a sample storage shed in Alice Springs. • All drilling samples were kept under supervision of Cameco staff at the drill site until dispatch. Samples were transported directly to Alice Springs, and then freighted to NTEL in Darwin. Given the procedures in place it is considered that there is little opportunity for sample tampering by an outside agent.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits have been completed.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The work to which the Exploration Results relate was undertaken on exclusive prospecting licence EL25758. • The EL is held by Jackson Cage Pty Ltd (wholly owned subsidiary of ASX listed Marenica Energy Limited). The EL is in good standing and is valid until 15 May 2022. • The EL is located within the Amadeus Basin in the Northern Territory of Australia. • There are no known impediments to the project.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Uranerz explored the Angela and associated deposits between 1972 to 1983 and held the ground until 1990. • Cameco Corporation and Paladin Energy Limited have previously explored the area covered by the tenement between 2008 and 2011 with the drill results used to generate a JORC (2004) Mineral Resource.
Geology	• *Deposit type, geological setting and style of mineralisation.*	Mineralisation at Angela I occurs at a 30-40 m high and 50-300 m wide step zone in the regional redox boundary. Mineralisation at Angela I is

Criteria	JORC Code explanation	Commentary
		remarkably linear, dipping at approximately 9˚ to the west and extending down-dip for at least 5,700 m to depths exceeding 900 m. Satellite mineralisation (Angela II-IV) are located on smaller step zones to the north of Angela I whereas the adjacent Pamela deposit occurs at a series of poorly defined steps on the upper and lower sides of the tip of the regionally reduced wedge.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• A total of 172 drill holes were completed for a total of 32,810m and added to the historical drilling within the area of 622 drill holes for 147,658m. • All holes were drilled vertically and intersections measured present true thicknesses. • See table of drill holes in the body of this announcement.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No exploration results are reported in this announcement.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The mineralisation is sub-horizontal and all drilling vertical, therefore, mineralised intercepts are considered to represent true widths.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• A map is included in the text.

Criteria	JORC Code explanation	Commentary
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Only Mineral Resources are reported in this announcement.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Previous drilling results and JORC (2004) Mineral Resources have been reported by Paladin Energy Ltd. • No other work has been completed on the tenement by the Company, the only other work known to have been undertaken was by Uranerz in the 1980's and the Cameco/Paladin JV in 2008-2011.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Given the current state of the uranium industry the only substantive work to be undertaken is expected to be additional metallurgical testwork aimed at reducing the expected acid consumption.

Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Database integrity	• *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* • *Data validation procedures used.*	• The Mineral Resource dataset was compiled from original microfiche data created by Uranerz in the 1980's which contained drill hole information, geochemical assays and downhole gamma logs. This dataset is supported by additional information derived from the 2008-2011 exploration and infill phase conducted by Cameco and Paladin. • Drill holes from exploration activities carried out by Uranerz were initially drilled and located on a local grid. The local and AMG co-ordinates of the drill hole collars were taken from drill log headers in the microfiche and tables in annual reports. The local and AMG data was provided to licensed surveyors (AAM Hatch) who provided the transformation parameters to convert local grid to GDA94/MGA co-ordinates. • Cameco engaged Borehole Wireline logging service to digitize both the gamma (CPS) and resistivity traces from the analogue charts in the Uranerz Log Archive. These were deconvolved by Paladin. • The historic probe calibration factors used for the Uranerz radiometric logging have been reviewed by consulting geophysicist Dr. Doug Barrett before being used for the calculation of the equivalent U_3O_8

Criteria	JORC Code explanation	Commentary
		grades. • The only assay data available in the hard copy Uranerz database was composited downhole intercepts reported in historical annual reports. No raw data or assay certificates could be located for these so no cross-checks were completed. • The geological logs from the Uranerz microfiche were reviewed by Paladin geologists and recoded to conform to Paladins logging codes before entry into the database. Drill hole logs are available for 451 of the 622 Uranerz holes. • All data collected by Cameco was stored in an MS-SQL database maintained by Cameco. Data was extracted from Cameco's MS-SQL database and imported into Paladins Micromine GBIS database. • All historical drill hole collars were plotted to hard copy and compared with original drill hole location maps produced by Uranerz. Any discrepancies were validated and confirmed against the original microfiche data. The elevation component of some of the collars remained uncertain and extensive drill hole collar survey was commissioned by Cameco during the 2009 drilling program to confirm that all Uranerz drill holes had been correctly located. The collars for 551 holes were located and resurveyed but the collars for 69 drill holes could not be located and the elevation values for these holes were updated using surveyed elevation at the site where the transformed coordinates placed the historic drill hole. The collars for 4 drill holes were not located during this survey pickup and the elevation values for these holes were updated using the topographic surface.
Site visits	• *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* • *If no site visits have been undertaken indicate why this is the case.*	• Cameco Corporation and Paladin Energy Limited have previously explored the area covered by the tenement between 2008 and 2011 with the drill results used to generate a JORC resource. • The Competent Person visited the site on a number of occasions whilst the 2008-2011 drill programme was underway with the last visit being for 5 days in June 2011.
Geological interpretation	• *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* • *Nature of the data used and of any assumptions made.* • *The effect, if any, of alternative interpretations on Mineral Resource estimation.* • *The use of geology in guiding and controlling Mineral Resource* • *estimation.* • *The factors affecting continuity both of grade and geology.*	• Although the overall geological setting is relatively simple, the arkosic, pebbly and conglomeratic units in the Undandita Sandstone are highly variable and are difficult to correlate from drill hole to drill hole. However, this is not surprising since the Undandita Sandstone is interpreted as being deposited by braided river systems as part of an alluvial fan molasse complex. • Lithostratigraphic sequences correspond to the four broad stratigraphic subdivisions originally proposed by Uranerz: • A poorly-sorted conglomeratic zone.

Criteria	JORC Code explanation	Commentary
		• A well-sorted, sand prone interval. • A moderately-sorted sand prone-interval (+ minor pebbles). • A thick reduced interval of clean, well-sorted sandstones. • Mineralisation is hosted by units 2 and 3 which are cleaner, slightly finer, and better-sorted containing relatively rare pebbly and conglomeratic horizons. • Mineralisation at Angela I occurs at a 30-40 m high and 50-300 m wide step zone in the regional redox boundary. Mineralisation at Angela I is remarkably linear, dipping at approximately 9˚ to the west and extending down-dip for at least 5,700 m to depths exceeding 900 m. Satellite orebodies (Angela II-IV) are located on smaller step zones to the north of Angela I whereas the nearby Pamela deposit occurs at a series of poorly defined steps on the upper and lower sides of the tip of the regionally reduced wedge. Geological logging confirmed the broad 'Z' shaped geometry of the redox step at Angela I but revealed that the geometry is considerably more complex, consisting a series of irregular oxidised lobes or tongues that extend forwards (southwards) into the reduced sandstones.
Dimensions	• *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	• The Mineral Resource model as estimated is 4,152m in an east-west direction, 4,095m in a north-south direction and 650m vertical. The resource model commenced at a depth of 0m (surface) and extends to an RL of -150m.
Estimation and modelling techniques	• *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* • *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* • *The assumptions made regarding recovery of by-products.* • *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).* • *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* • *Any assumptions behind modelling of selective mining units.*	• The Minerals Resource estimate was constructed as a 2D co-simulation of Thickness and Grade * Thickness (GT) in order to honour both the variable distribution of the grade and mineralisation thickness and make allowance for the range of input grades. • The deposit was separated into nine identifiable stratigraphic units and these were used to inform and control the estimate. • 100 simulations were completed for each of the nine stratigraphic units and these were combined into individual simulation average grade and probability distribution models for each unit. • The final simulation models for each unit were then combined into a 'real world' model by aligning the block centroids with the mid-point of each stratigraphic horizon. • Block sizes within the model were set at 18m x 18m as a reasonable compromise with the drilling density in the central portion of the deposit at 50m east-west and 25m north-south. • Blocks were further subdivided into 2m x 2m simulation nodes in order to provide for reasonable definition of the simulated block

Criteria	JORC Code explanation	Commentary
	• *Any assumptions about correlation between variables.* • *Description of how the geological interpretation was used to control the resource estimates.* • *Discussion of basis for using or not using grade cutting or capping.* • *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	population. • As the Mineral Resource estimate was based on Conditional Simulation which honours the underlying sample population distribution no additional top cutting of data was applied to the estimate. • Thickness and GT are intrinsically correlated and this relationship was used within the estimation process in order to maintain the correlation in the final compiled model. • The Mineral Resource estimate was validated statistically by comparing means and standard deviations of resulting grades and thicknesses for the simulations and original data. Swath plots were also created on 200m centres to confirm the modelled grades and thickness.
Moisture	• *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	• Tonnages are estimated on a dry basis.
Cut-off parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• A cut-off grade of 150GT and a 30% probability of the grade being greater than 300ppm was selected based on the expected mining, processing and selling price scenarios.
Mining factors or assumptions	• *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.*	• No additional ore loss and dilution has been applied to the Mineral Resource estimate. • It is expected that mining would be a combination of open pit and underground extraction.
Metallurgical factors or assumptions	• *The basis for assumptions or predictions regarding metallurgical* • *amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	• No Metallurgical assumptions or factors have been applied to the Mineral Resource estimate.
Environmental factors or	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental*	• No Environmental assumptions or factors have been applied to the Mineral Resource estimate other than those which would normally apply to uranium deposits.

Criteria	JORC Code explanation	Commentary
assumptions	*impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	
Bulk density	• *Whether assumed or determined. If assumed, the basis for the* • *assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	• During 2009, following the completion of the Angela drilling program, a series of drill holes were selected and subjected to bulk density measurements with the results being compiled during the first quarter of 2010. • An analysis of these bulk density measurements of the Angela I deposit was conducted with the aim to identify any relationships or trends, and to derive values to be applied during Resource estimation exercises. Both individual half core samples measurements (370) as well as composited mineralised intervals (27) were investigated. • The individual sample bulk density data is normally distributed around a mean of 2.45 t/m^3 and a median of 2.46 t/m^3. • The observed bulk density measurements aligns well with that derived during the metallurgical investigation conducted during 2009/2010 on an 80 kg sample grading 0.19% U_3O_8 on average, this sample was reported to have an average bulk density of 2.44 t/m^3. • A global value of 2.45 t/m^3 was used for this Mineral Resource estimate.
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• The Mineral Resource has been classified in the Inferred category, in accordance with the 2012 Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC Code). A range of criteria has been considered in determining this classification including: ○ Geological and grade continuity. ○ Data quality. ○ Drill hole spacing. ○ Modelling technique and kriging output parameters. • The Mineral Resource estimate was classified as Inferred for the following reasons: ○ Lack of grade continuity. Increased drill hole density is required. ○ Lack of geologic continuity and understanding. Many historical and recent drill holes do not have sufficient information to allow a detailed stratigraphic interpretation.

Criteria	JORC Code explanation	Commentary
		○ A large portion of the Mineral Resource has been estimated using historical data. ○ A greater volume of bulk density measurements are required. ○ Issues exist with the quality and volume of downhole orientation surveys, particularly for deeper drill holes. • The Competent Person is in agreement with this classification of the resource.
Audits or reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• No audit of the current Mineral Resource estimate has been carried out at this time.
Discussion of relative accuracy/ confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the* • *resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.* • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	• The relative accuracy of the various resource estimates is reflected in the JORC Mineral Resource categories. • No Measured and Indicated Mineral Resource classification material has been defined within this Mineral Resource estimate and therefore no material is available for further mining studies. • Inferred Resources are considered global in nature.