ASX: AOH, FSE: A2O

10 October 2011

LITTLE EVA COPPER-GOLD DEPOSIT DRILL RESULTS

Altona Mining Limited ("Altona") has completed the 2011 drilling programme at The Little Eva deposit at its 100% owned Roseby Copper Project ("Roseby") near Mt Isa in Queensland, Australia.

Altona has now completed some 20,575 metres of drilling comprising 83 reverse circulation drillholes and 7 diamond drillholes. Sufficient drilling has been completed to define the deposit over a strike length of 1.4 kilometres, 500 metres maximum width and to approximately 300 metres deep.

Thirty seven new drill intercepts are reported here and highlights include:

LED 256: 20m @ 2.20% copper, 0.10 g/t gold from 72m
LED 211: 33m @ 1.39% copper, 0.24 g/t gold from 106m
LER 626: 61m @ 0.61% copper, 0.07 g/t gold from 228m
LED 592: 56m @ 0.61% copper, 0.34 g/t gold from 97m
LER 631: 196m @ 0.40% copper, 0.08 g/t gold from 121m
LER 602: 157m @ 0.44% copper, 0.07 g/t gold from 139m

A full tabulation of the drilling results is given in Table 1 (Appendix 1).

The drilling has defined low-grade extensions of the deposit to the south-east, depth extensions in the central portion of the deposit and higher grade extensions along the western boundary of the deposit. In order to define extensions to the edges of such a massive deposit some drill holes pass through (in-part) existing defined resources.

The declared resource for the Little Eva deposit is 74.7Mt at a grade of 0.52% copper and 0.1g/t gold for 388,000 tonnes contained copper and 205,000 ounces of contained gold and is part of a global resource for the Roseby Project of 176.9 million tonnes at 0.6% copper and 0.06g/t gold (Appendix 3).

The completion of drilling has enabled a new Resource estimate to be made and subject to audit, receipt of drill hole surveys, further density measurements, check assays and Competent Person sign-off, the updated resource is expected to be released to ASX in November.

The location of Little Eva is given in Figure 1. The focus of the drilling campaign is shown in Figure 2.

RC drilling is now focused on infill and extension drilling at the Lady Clayre (3.7 million tonnes at 0.88% copper, 0.51g/t gold) and Ivy Ann (4.0 million tonnes at 0.72% copper, 0.12g/t gold) deposits, both similar styles of copper-gold mineralisation to Little Eva.

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Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled and reviewed by Dr Alistair Cowden BSc (Hons), PhD, MAusIMM, MAIG, Mr Maurice Hoyle BSc, FAusIMM, MAIG, MSEG and Wendy Allardyce BSc (Hons) MAIG who are full time employees of the Company and have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Cowden, Hoyle and Allardyce consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

About Roseby

The Roseby Copper Project is 100% owned by Altona Mining Limited and is one of Australia's largest undeveloped copper resources. A Definitive Feasibility Study (DFS) completed in 2009 envisaged the production of 26,000 tonnes per annum of copper, and 7,500 ounces per annum of gold for 10 years from a 5Mtpa open pit-mining operation. Environmental and regulatory approvals for construction of this substantial mining operation are well advanced. A new DFS targeting a larger operation is scheduled for completion in 2012.

The Roseby Project is over 1,400km^2 in size and is a major strategic land holding being only 95km northeast of the major mining centre of Mt Isa in northwest Queensland.

The Mt Isa area is one of the world's foremost base metal mining provinces. It is estimated that the area hosts approximately 11% of the world's zinc, 5% of its silver and 1% of its copper.

Despite the large copper and gold Resources that have already been declared, the Project remains highly prospective and under-explored. In addition to excellent copper and gold exploration potential, the project is prospective for the discovery of uranium, molybdenum, rare earth elements (REE) and zinc deposits.

Figure 1: Copper deposits in the central portion of the Roseby Project

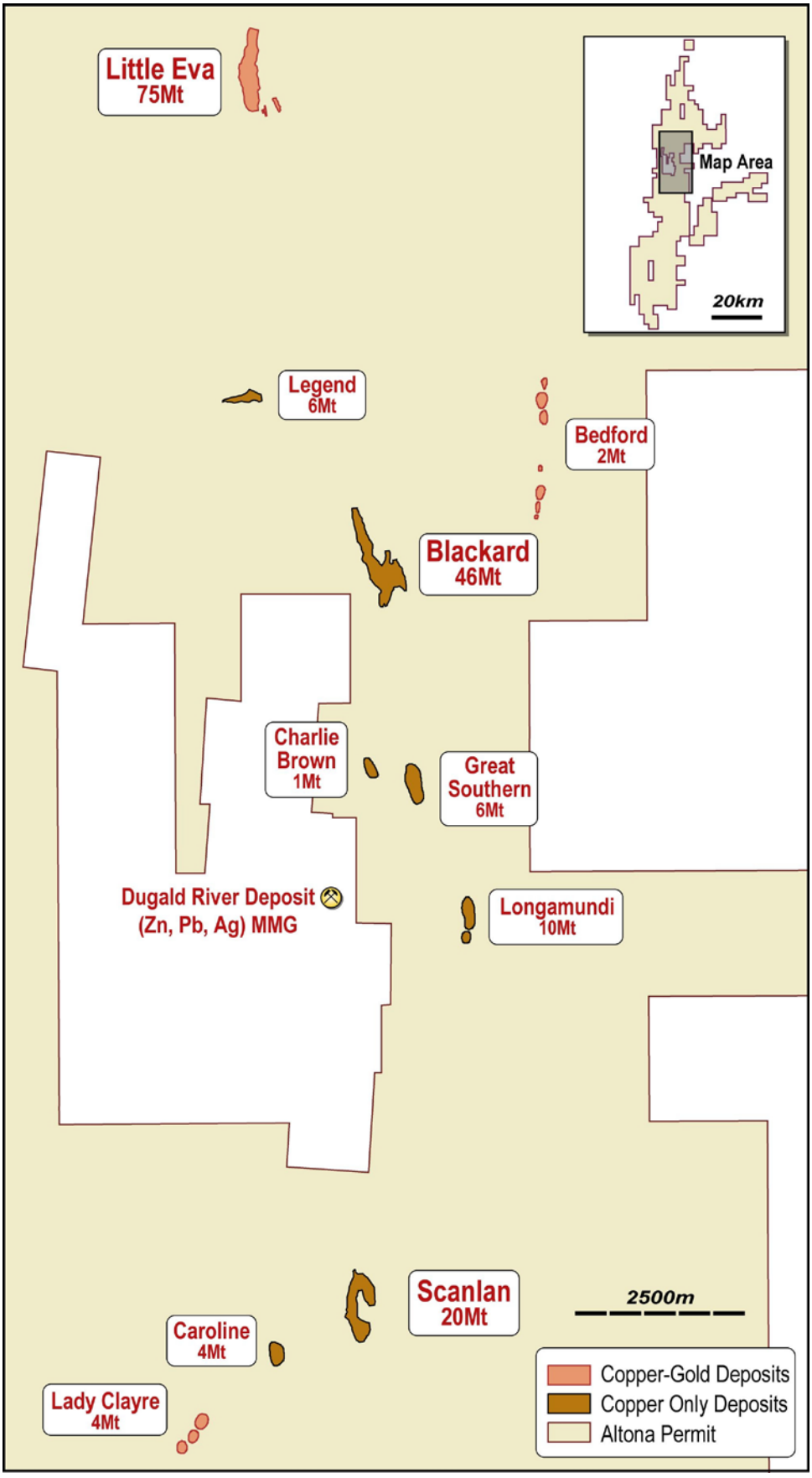
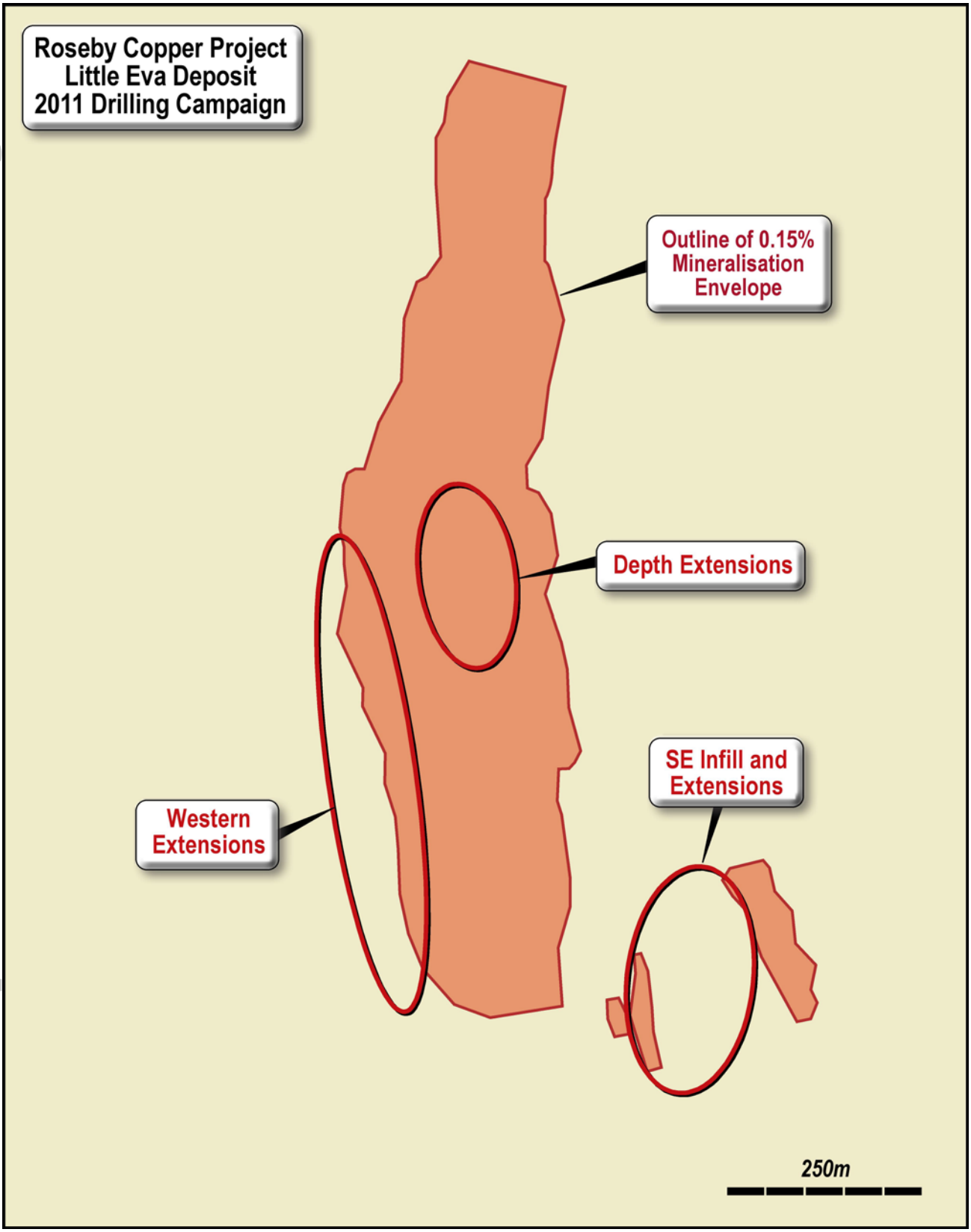


Figure 2: The Little Eva Deposit, showing the areas of focus of the 2011 drilling campaign



APPENDIX 1: DRILL RESULTS

Table 1: Drill intersections at 0.15% and 0.30% copper cut off grades, Little Eva Deposit, September 2011

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	at 0.3% copper cut off grade				
LED211	106	33	1.39	0.24	1.52
LED256	36	4	0.95	0.11	1.01
	52	4	0.76	0.05	0.79
	61	6	1.1	0.21	1.21
	73	15	2.88	0.13	2.95
LED591	10	18	0.43	0.11	0.49
	35	4	0.92	0.12	0.98
	44	15	0.28	0.05	0.31
	65	13	0.38	0.15	0.46
	85	19	0.34	0.08	0.38
	112	33	0.47	0.1	0.52
	153	7	0.33	0.03	0.35
	168	5	0.38	0.08	0.42
	199	26	0.52	0.04	0.54
LED592	18	15	0.36	0.07	0.40
	43	16	0.34	0.07	0.38
	64	12	0.63	0.14	0.70
	97	56	0.61	0.34	0.79
	184	11	0.23	0.04	0.25
LER593	3	13	0.44	0.2	0.55
	76	17	0.49	0.12	0.55
	123	13	0.81	0.16	0.89
	150	4	0.52	0.06	0.55
LER594	No Significant Results				
LER595	9	10	0.37	0.06	0.40
	66	6	0.24	0.06	0.27
	97	19	0.36	0.06	0.39
	122	22	0.53	0.09	0.58
	180	9	0.48	0.07	0.52
	194	23	0.35	0.07	0.39
	257	18	0.33	0.06	0.36
LER596	70	13	0.47	0.05	0.50
	165	19	0.46	0.14	0.53
	190	16	0.49	0.05	0.52
	229	5	0.22	0.01	0.23
	251	30	0.55	0.07	0.59
LER597	44	8	0.29	0.05	0.32
	57	12	0.27	0.05	0.30
	114	9	0.24	0.08	0.28
	135	8	0.28	0.05	0.31
	149	7	0.3	0.06	0.33
	220	13	0.33	0.07	0.37
	238	10	0.4	0.1	0.45
LER598	11	8	0.39	0.05	0.42

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	39	7	0.27	0.03	0.29
	54	7	0.38	0.03	0.40
	93	4	0.36	0.07	0.40
	156	6	0.34	0.07	0.38
	170	5	0.23	0.04	0.25
LER599	12	4	0.44	0.2	0.55
	34	5	0.36	0.03	0.38
	66	4	0.7	0.13	0.77
	76	5	0.36	0.06	0.39
	99	5	0.34	0.05	0.37
	116	7	0.29	0.05	0.32
	160	29	0.27	0.05	0.30
	199	23	0.35	0.09	0.40
	228	10	0.51	0.14	0.58
	248	4	0.36	0.13	0.43
	257	12	0.34	0.08	0.38
LER600	19	11	0.36	0.04	0.38
	37	28	0.29	0.03	0.31
	71	21	0.4	0.08	0.44
	98	14	0.67	0.12	0.73
	131	6	0.28	0.05	0.31
	166	9	0.19	0.05	0.22
LER601	4	6	0.31	0.05	0.34
	29	7	0.31	0.01	0.32
	42	4	0.42	0.04	0.44
	53	7	0.44	0.04	0.46
	66	27	0.34	0.04	0.36
	99	39	0.41	0.02	0.42
	145	21	0.54	0.06	0.57
	173	18	0.53	0.05	0.56
	203	16	0.58	0.09	0.63
	224	8	0.59	0.09	0.64
	274	7	0.3	0.04	0.32
	323	12	0.38	0.08	0.42
LER602	67	18	0.48	0.1	0.53
	104	18	0.41	0.12	0.47
	148	86	0.57	0.09	0.62
	239	45	0.35	0.06	0.38
	302	26	0.38	0.08	0.42
	347	12	0.34	0.03	0.36
LER603	2	4	0.5	0.06	0.53
	64	4	0.42	0.16	0.50
	174	22	0.56	0.05	0.59
	207	27	0.48	0.03	0.50
LER604	No Significant Results				
LER605	0	14	0.65	0.08	0.69
	19	39	0.43	0.07	0.47
	63	7	0.49	0.05	0.52

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	76	18	1.12	0.11	1.18
	103	5	0.63	0.05	0.66
	139	6	0.34	0.02	0.35
	184	7	0.28	0.07	0.32
	205	23	0.55	0.13	0.62
LER614	31	12	0.29	0.05	0.32
	153	18	0.28	0.02	0.29
	177	27	0.5	0.05	0.53
LER615	3	8	0.38	0.12	0.44
	43	6	0.41	0.1	0.46
	69	5	0.32	0.06	0.35
	89	39	0.39	0.06	0.42
	151	4	0.32	0.03	0.34
	166	4	0.3	0.04	0.32
	184	20	0.32	0.04	0.34
	217	7	0.33	0.01	0.34
	231	12	0.21	-	0.21
	248	6	0.48	0.02	0.49
	261	4	0.37	0.01	0.38
	278	9	0.38	0.01	0.39
LER616	102	4	0.44	0.09	0.49
	116	17	0.39	0.06	0.42
	138	6	0.35	0.08	0.39
	149	6	0.36	0.06	0.39
	160	4	0.27	0.04	0.29
	169	115	0.54	0.07	0.58
	292	6	0.19	0.02	0.20
LER617	No Significant Results				
LER618	113	42	0.43	0.07	0.47
LER619	112	4	0.24	0.02	0.25
	157	15	0.28	0.05	0.31
	184	10	0.33	0.03	0.35
LER620	68	7	0.28	0.06	0.31
	128	6	0.33	0.02	0.34
	149	6	0.35	0.02	0.36
	170	8	0.8	0.22	0.92
LER621	No Significant Results				
LER622	No Significant Results				
LER623	0	46	0.58	0.07	0.62
	83	11	0.54	0.05	0.57
	100	14	0.56	0.06	0.59
LER624	4	14	0.45	0.07	0.49
	23	9	0.35	0.04	0.37
	38	4	0.37	0.02	0.38
	58	8	0.25	0.02	0.26
	131	7	0.76	0.17	0.85
LER625	117	6	0.4	0.03	0.42
	213	8	0.36	0.01	0.37

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	240	18	1.06	0.09	1.11
	266	12	0.38	0.04	0.40
	290	43	0.44	0.07	0.48
	338	5	0.31	0.03	0.33
LER626	95	17	0.53	0.11	0.59
	134	35	0.54	0.09	0.59
	189	9	0.48	0.13	0.55
	204	17	0.59	0.03	0.61
	228	61	0.61	0.07	0.65
	297	15	0.34	0.03	0.36
	318	6	0.38	0.07	0.42
LER627	33	5	0.72	0.66	1.07
	97	23	0.36	0.07	0.40
	138	15	0.43	0.07	0.47
	167	37	0.36	0.05	0.39
	216	12	0.39	0.05	0.42
	233	13	0.36	0.05	0.39
LER628	9	36	0.5	0.07	0.54
	108	6	0.19	0.03	0.21
	143	20	0.34	0.06	0.37
	201	36	0.7	0.18	0.80
	245	7	0.5	0.16	0.58
LER629	No Significant Results				
LER630	124	8	1.42	0.22	1.54
	164	6	0.3	0.04	0.32
	188	5	0.32	0.04	0.34
	199	5	0.53	0.27	0.67
	209	5	0.29	0.04	0.31
	250	14	0.67	0.11	0.73
LER631	19	10	0.32	0.04	0.34
	46	7	0.28	0.06	0.31
	87	14	0.68	0.07	0.72
	123	99	0.5	0.1	0.55
	240	7	0.38	0.06	0.41
	253	10	0.39	0.33	0.56
	270	6	0.2	0.03	0.22
	282	16	0.5	0.08	0.54
	303	13	0.37	0.03	0.39
LER632	53	7	0.42	0.07	0.46
LER633	116	6	0.27	0.02	0.28
	at 0.15% copper cut off grade				
LED211	106	33	1.39	0.24	1.52
LED256	34	9	0.53	0.06	0.56
	48	19	0.57	0.08	0.61
	72	20	2.2	0.1	2.25
LED591	9	51	0.34	0.07	0.38
	65	14	0.37	0.14	0.44
	84	79	0.34	0.07	0.38

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	168	12	0.25	0.05	0.28
	186	40	0.42	0.06	0.45
	232	8	0.3	-	0.30
LED592	2	78	0.31	0.06	0.34
	93	67	0.53	0.28	0.68
	183	12	0.23	0.04	0.25
LER593	1	19	0.38	0.14	0.45
	74	20	0.45	0.11	0.51
	113	5	0.24	0.03	0.26
	123	20	0.58	0.12	0.64
	149	7	0.4	0.04	0.42
LER594	0	15	0.21	0.03	0.23
	89	7	0.24	0.04	0.26
	102	4	0.14	0.05	0.17
	130	7	0.21	0.03	0.23
LER595	9	12	0.34	0.06	0.37
	26	5	0.26	0.02	0.27
	40	8	0.22	0.05	0.25
	66	7	0.23	0.06	0.26
	79	5	0.12	0.02	0.13
	94	52	0.38	0.06	0.41
	156	7	0.15	0.02	0.16
	180	43	0.34	0.06	0.37
	229	17	0.16	0.04	0.18
	257	30	0.28	0.05	0.31
LER596	70	13	0.47	0.05	0.50
	116	18	0.16	0.02	0.17
	146	74	0.33	0.05	0.36
	225	57	0.36	0.04	0.38
LER597	5	13	0.14	0.02	0.15
	44	28	0.24	0.05	0.27
	80	7	0.14	0.02	0.15
	93	13	0.2	0.04	0.22
	114	29	0.2	0.04	0.22
	149	9	0.27	0.06	0.30
	188	12	0.18	0.02	0.19
	206	7	0.17	0.02	0.18
	218	36	0.3	0.07	0.34
	289	4	0.19	0.23	0.31
LER598	6	67	0.22	0.02	0.23
	78	22	0.19	0.02	0.20
	116	15	0.19	0.01	0.20
	139	39	0.18	0.03	0.20
	184	13	0.14	0.02	0.15
LER599	5	16	0.25	0.08	0.29
	29	65	0.23	0.04	0.25
	99	11	0.23	0.05	0.26
	115	11	0.24	0.04	0.26

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	135	6	0.23	0.03	0.25
	156	114	0.29	0.07	0.33
LER600	8	5	0.17	0.01	0.18
	19	99	0.34	0.05	0.37
	128	9	0.23	0.04	0.25
	143	33	0.16	0.03	0.18
	196	5	0.26	0.03	0.28
LER601	3	34	0.25	0.03	0.27
	42	149	0.38	0.03	0.40
	202	32	0.48	0.07	0.52
	240	4	0.11	0.02	0.12
	264	72	0.25	0.04	0.27
LER602	1	26	0.21	0.02	0.22
	65	57	0.38	0.08	0.42
	139	157	0.44	0.07	0.48
	301	36	0.34	0.07	0.38
	347	13	0.33	0.03	0.35
LER603	1	16	0.29	0.04	0.31
	56	13	0.25	0.06	0.28
	87	7	0.15	0.01	0.16
	100	14	0.16	0.02	0.17
	143	4	0.53	0.02	0.54
	170	64	0.43	0.03	0.45
LER604	No Significant Results				
LER605	0	122	0.49	0.06	0.52
	128	47	0.21	0.02	0.22
	184	9	0.26	0.06	0.29
	205	23	0.55	0.13	0.62
LER614	2	68	0.23	0.04	0.25
	75	5	0.18	0.02	0.19
	87	22	0.12	0.01	0.13
	138	66	0.33	0.03	0.35
LER615	2	9	0.37	0.11	0.43
	16	5	0.18	0.03	0.20
	28	5	0.18	0.04	0.20
	43	13	0.28	0.06	0.31
	64	10	0.24	0.04	0.26
	86	184	0.25	0.03	0.27
	276	19	0.27	0.01	0.28
LER616	98	12	0.25	0.05	0.28
	116	184	0.43	0.06	0.46
LER617	No Significant Results				
LER618	92	8	0.31	0.05	0.34
	105	50	0.38	0.07	0.42
LER619	102	28	0.17	0.04	0.19
	135	60	0.22	0.03	0.24
	230	8	0.19	0.03	0.21
LER620	62	22	0.27	0.09	0.32

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
	127	8	0.31	0.02	0.32
	149	6	0.35	0.02	0.36
	170	9	0.73	0.19	0.83
LER621	No Significant Results				
LER622	No Significant Results				
LER623	0	121	0.4	0.05	0.43
LER624	0	52	0.3	0.03	0.32
	58	8	0.25	0.02	0.26
	75	4	0.11	0.01	0.12
	120	6	0.12	0.02	0.13
	131	12	0.5	0.12	0.56
	170	10	0.27	0.03	0.29
LER625	110	14	0.28	0.03	0.30
	157	10	0.19	0.05	0.22
	210	12	0.3	0.01	0.31
	227	4	0.22	0.06	0.25
	238	40	0.62	0.05	0.65
	289	65	0.37	0.06	0.40
LER626	92	81	0.42	0.07	0.46
	187	35	0.46	0.05	0.49
	228	61	0.61	0.07	0.65
	297	27	0.29	0.04	0.31
LER627	33	21	0.3	0.21	0.41
	70	4	0.2	0.09	0.25
	88	37	0.27	0.05	0.30
	134	25	0.33	0.08	0.37
	167	85	0.32	0.04	0.34
LER628	2	55	0.39	0.05	0.42
	77	9	0.19	0.04	0.21
	93	21	0.21	0.03	0.23
	136	45	0.25	0.05	0.28
	194	45	0.6	0.15	0.68
	244	8	0.47	0.14	0.54
LER629	No Significant Results				
LER630	124	9	1.28	0.2	1.39
	164	10	0.23	0.03	0.25
	188	6	0.29	0.03	0.31
	199	5	0.53	0.27	0.67
	209	8	0.21	0.03	0.23
	235	5	0.17	0.02	0.18
	246	32	0.39	0.06	0.42
LER631	17	13	0.29	0.03	0.31
	46	8	0.27	0.06	0.30
	60	9	0.19	0.04	0.21
	87	18	0.57	0.06	0.60
	121	196	0.4	0.08	0.44
	323	13	0.24	0.01	0.25
LER632	53	7	0.42	0.07	0.46

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
LER633	158	4	0.22	0.02	0.23
	70	11	0.15	0.02	0.16
	88	20	0.18	0.03	0.20
	116	18	0.21	0.02	0.22
	161	5	0.21	0.04	0.23

Table 2: Revised Drill Intersections at 0.15% and 0.30% copper cut off grades, Little Eva Deposit, September 2011

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
at 0.15% copper cut off grade					
LED209*	0	121	0.8	0.16	0.88
LED211*	85	16	0.97	0.13	1.04
LER579*	240	33	0.24	0.05	0.27
at 0.3% copper cut off grade					
LED211*	85	16	0.97	0.13	1.04
LER579*	249	9	0.47	0.08	0.51

* Please note that these intercepts have been updated from previous releases.

APPENDIX 2: DETAILS OF DRILLING PROGRAMME AND SAMPLING, ASSAYING

Drilling

LER series holes were RC hammer drilled so as to produce maximum sample return with a minimum of contamination.

Drilling was performed using a Swick configured Schramm T685 Reverse Circulation drill rig with face sampling hammer. Auxiliary air compressor and booster, with a minimum capacity of 1000psi and 2700cfm, were utilised for sample return and dryness. All holes were drilled at 5.5 inch diameter.

RC drill chips were collected in one metre intervals at the rig using a rotary splitter. Each sample consisted of approximately 2kg of material, which was submitted for assay.

LED 209, 211 and 256 are NQ2 diamond drill holes drilled in 2005 for geotechnical purposes and never previously assayed. LED 591 and 592 are HQ3 diamond drill holes drilled and assayed during 2011 for metallurgical samples.

Assay Methods

Assaying was undertaken at Australian Laboratory Services (ALS) Townsville. Copper, Silver and Sulphur were determined by method ME-ICP41 (Aqua Regia digest with ICP-AES). Gold was determined by method Au-AA25 (30g fire assay with AAS). Samples with greater than 1% copper were re-analysed using an ore grade Aqua Regia and ICP-AES method (Cu-OG46).

Reference standards and blanks were inserted into the sample stream in the ratios 1:18 and 1:40 respectively. Field duplicates were collected with every 20th sample by taking a second split at the rig.

Data Aggregation

Significant intercepts calculated using a 4m minimum intercept, 4m maximum internal waste and lower cut-off grades of 0.15% and 0.3% copper.

Copper Equivalence

Copper equivalence was calculated on the basis of copper recoveries of 95%, gold recoveries of 94%, copper price of US$3.85/lb and a gold price of US$1400/ounce. The ratio of the value of 1% recoverable copper to recoverable 1 gram gold is 6.4 and was used to estimate the recovered value expressed as a copper grade.

APPENDIX 3: RESOURCE ESTIMATES FOR THE ROSEBY PROJECT

Summary of Mineral Resource Estimates for the Roseby Project

DEPOSIT	STATUS	TOTAL			CONTAINED METAL		MEASURED			INDICATED			INFERRED		
		Tonnes	Grade		Copper	Gold	Tonnes	Grade		Tonne	Grade		Tonnes	Grade	
		million	Cu %	Au g/t	tonnes	ounces	million	Cu %	Au g/t	million	Cu %	Au g/t	million	Cu %	Au g/t
COPPER ONLY DEPOSITS															
Blackard	A	46.3	0.63		291,000		26.3	0.64		17.9	0.63		2.1	0.58	
Legend	A	6.1	0.60		37,000								6.1	0.60	
Longamundi	A	10.4	0.66		69,000								10.4	0.66	
Great Southern	A	6.0	0.61		37,000								6.0	0.61	
Scanlan	A	19.6	0.68		133,000					15.4	0.65		4.2	0.80	
Charlie Brown	A	0.7	0.40		3,000								0.7	0.40	
Caroline	A	3.6	0.53		19,000								3.6	0.53	
Sub-total	A	92.7	0.64		589,000		26.3	0.64		33.2	0.63		33.2	0.63	
COPPER-GOLD DEPOSITS															
Little Eva	B	74.7	0.52	0.09	388,000	205,000	27.0	0.61	0.09	15.9	0.51	0.09	31.9	0.59	0.08
Ivy Ann	C	4.0	0.72	0.12	29,000	15,000							4.0	0.72	0.12
Lady Clayre	A	3.7	0.88	0.51	33,000	61,000							3.7	0.88	0.51
Bedford	A	1.8	0.93	0.24	16,000	14,000							1.8	0.93	0.24
Sub-total		84.2	0.55	0.11	466,000	296,000	27.0	0.61	0.09	15.9	0.51	0.09	41.4	0.64	0.13
TOTAL		**176.9**	**0.60**	**0.06**	**1,055,000**	**296,000**	**53.3**	**0.62**	**0.05**	**49.1**	**0.60**	**0.03**	**74.5**	**0.64**	**0.07**

A - Estimates made by McDonald Speijers and disclosed in ASX release dated 26 July 2011. Note that gold grades for native copper mineralisation have been set at zero as grades estimated are at detection limits and any implied gold content is an artifice of the resource modelling process.
B - Estimates made by Altona and reported in ASX release dated 26 July 2011.
C - Estimates made by Altona and disclosed in ASX release dated 20 January 2006.

Note: All figures may not sum exactly due to rounding.