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DRILLING AT ROSEBY PROJECT'S LITTLE EVA
DEPOSIT HIGHLIGHTS RESOURCE UPSIDE

Altona Mining Limited ("Altona") is pleased to announce the first results from a 25km reverse circulation (RC) drilling programme currently underway at the 100% owned Roseby Copper Project ("Roseby") near Mt Isa in Queensland, Australia. The current published resource estimate for the Roseby Project was completed in 2005 and is 133Mt at a grade of 0.7% copper and 0.1g/t gold (see appendix 4 for full details of resource reported according to the JORC Code).

The first target of the programme was the Little Eva copper-gold sulphide deposit which is one of the larger deposits at Roseby. The Little Eva resource is 30.4Mt at a grade of 0.78% copper and 0.14g/t gold for 238,000t contained copper and 132,000oz contained gold (see appendix 3 for a description of the deposit).

Some 6,000 metres (33 holes) of the drilling programme have been completed and results are now available for 12 of these holes. In addition, a number of holes drilled in prior years for pit design purposes (geotechnical) have now been submitted for assay.

The programme has returned a number of very thick and shallow drill intersections, highlights are;

LER 542:	24m @ 0.91% copper, 0.08g/t gold from	0m
LER 542:	76m @ 1.35% copper, 0.16g/t gold from	51m
LER 543:	233m @ 0.61% copper, 0.08g/t gold from	0m
LER 544:	133m @ 0.70% copper, 0.05g/t gold from	5m (inc 28m @ 1.96% copper)
LER 546:	58m @ 0.46% copper, 0.05g/t gold from	0m
LER 551:	114m @ 0.50% copper, 0.07g/t gold from	99m
LED 209:	120m @ 0.81% copper, 0.16g/t gold from	0m

A full tabulation of the drilling results is given in Table 1 and the location of the drill holes is given in Figures 1 and 2.

The Little Eva resource has been re-interpreted based upon the prior resource estimate, lower cut-off grades that are more appropriate to geology, a large scale approach to mining, drilling subsequent to the 2005 estimate and an improved modelling approach. The interpretation indicates that there is considerable potential for a material increase in the size of the Little Eva resource.

The drilling programme is designed to verify this potential. In particular, the drilling will verify the robustness of the new geological model, test predictions of grade continuity at lower cut-off grades, improve resource classifications and test potential extensions to the resource both down dip and at the southern and western boundaries of the Resource.

The drilling to date has confirmed the potential to expand Little Eva and the results are being incorporated into an update of the Resource model for release in August. A substantial increase in the Resource estimate is expected.

Drilling continues and further results from the programme will be released as they become available.



Please direct enquiries to:

Alistair Cowden
Managing Director
Altona Mining Limited
Tel: +61 8 9485 2929
altona@altonamining.com

Ann M Nahajski
Investor Relations
Altona Mining Limited
Mob: +61 (0)400 205 433
anahajski@altonamining.com

Wolfgang Seybold
Axino Investor & Media Relations
Germany
Mob: +49 171 207 0817
wolfgang.seybold@axino.de

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 and Mr Maurice Hoyle BSc, FAusIMM 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 and Hoyle 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 containing 906,000 tonnes of copper metal and 254,000 ounces of gold. 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 1,400km² 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 underexplored. 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.

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

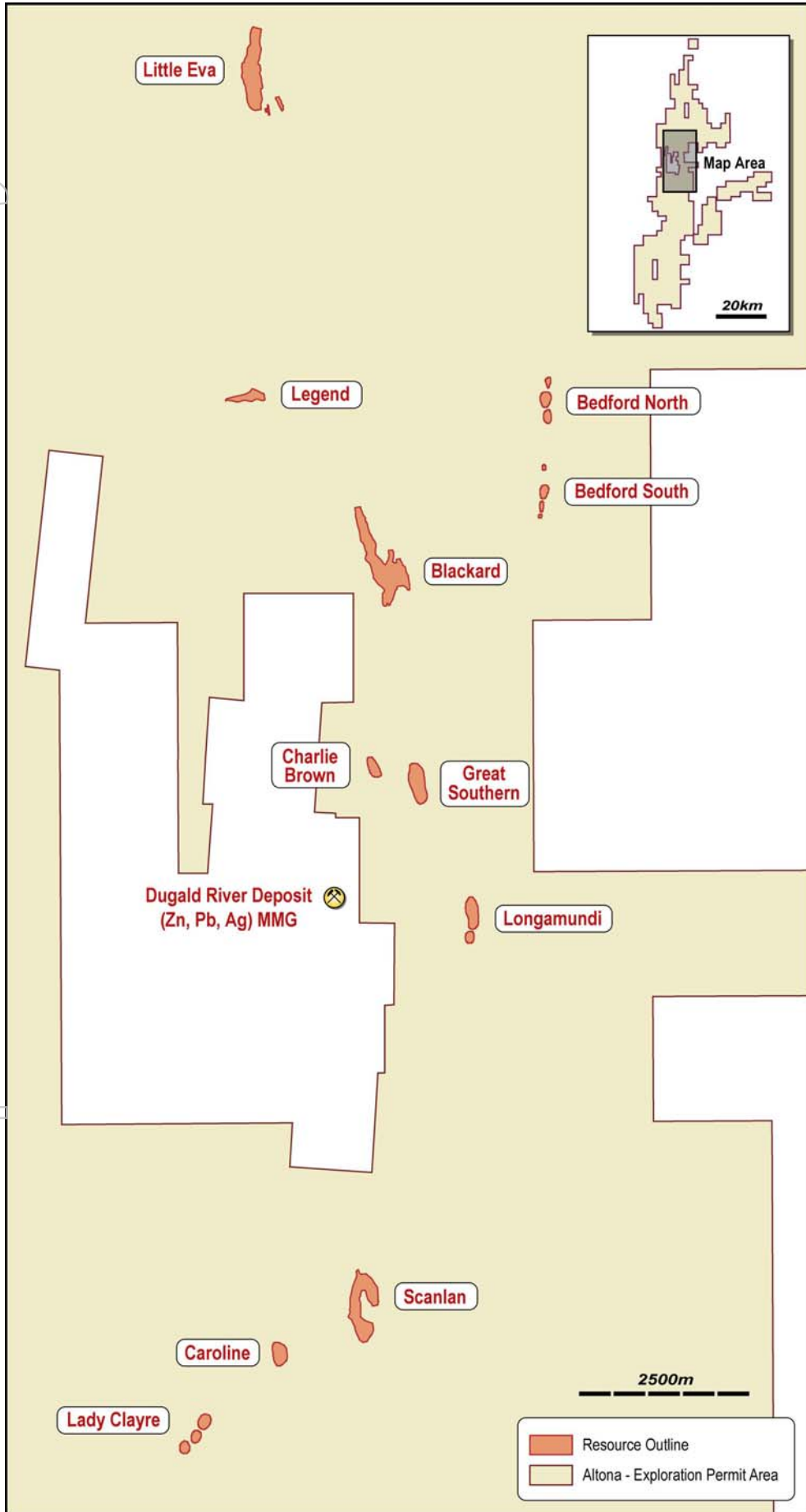
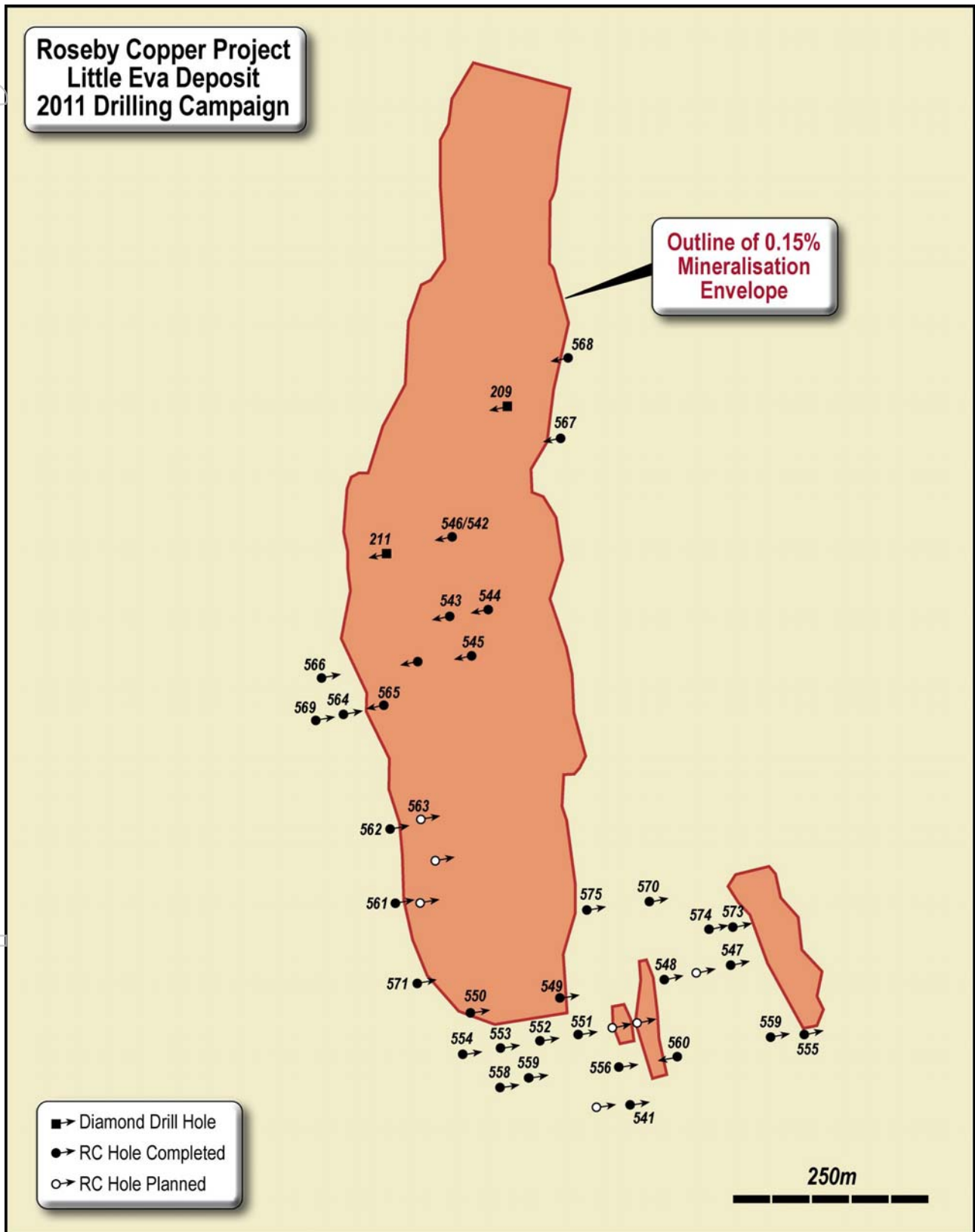


Figure 2: Location of RC drill holes at the Little Eva Deposit, 2011 drilling campaign and older diamond drill holes assayed in this campaign.



APPENDIX 1: DRILL RESULTS

Table 1: Significant Drill Intersections at 0.15% and 0.30% copper cut off grades, Little Eva deposit, June 2011

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
at 0.15% copper cut off grade					
LED209	0	120	0.81	0.16	0.89
LED211	1	56	0.54	0.04	0.56
	66	7	0.86	0.09	0.91
	85	15	0.96	0.10	1.01
	No Significant Results				
LER541	No Significant Results				
LER542	0	24	0.91	0.08	0.95
	29	15	0.36	0.02	0.37
	51	76	1.35	0.16	1.43
LER543	0	233	0.61	0.08	0.65
LER544	5	133	0.70	0.05	0.73
	165	8	0.77	0.17	0.86
	179	19	1.10	0.23	1.22
	213	75	0.39	0.04	0.41
	3	78	0.31	0.05	0.34
LER545	102	77	0.35	0.04	0.37
	190	52	0.28	0.02	0.29
	247	23	0.61	0.07	0.65
	0	58	0.46	0.05	0.49
LER546	65	20	0.31	0.02	0.32
	95	6	0.21	0.04	0.23
	114	7	0.11	0.02	0.12
	143	11	0.23	0.05	0.26
	17	20	0.18	0.06	0.21
LER547	45	25	0.22	0.04	0.24
	92	14	0.29	0.06	0.32
	120	6	0.17	0.04	0.19
LER548	6	99	0.28	0.04	0.30
LER549	1	42	0.29	0.02	0.30
	48	22	0.22	0.02	0.23
	76	20	0.26	0.06	0.29
LER550	39	32	0.24	0.03	0.26
	84	41	0.34	0.06	0.37
	132	12	0.19	0.04	0.21
	152	11	0.27	0.04	0.29
	170	7	0.13	0.03	0.15
LER551	99	114	0.50	0.07	0.54
	218	20	0.33	0.04	0.35
	245	7	0.24	0.27	0.38
	257	7	0.26	0.05	0.29
LER552	8	51	0.43	0.12	0.49
	67	65	0.33	0.06	0.36
LER553	47	125	0.33	0.07	0.37
at 0.3% copper cut off grade					
LED209	2	118	0.82	0.16	0.90
LED211	11	8	0.40	0.03	0.42
	24	29	0.80	0.05	0.83
	66	7	0.86	0.09	0.91
	85	15	0.96	0.10	1.01

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Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
LER541	No Significant Results				
LER542	0	20	1.05	0.09	1.10
	29	11	0.43	0.03	0.45
	51	61	1.56	0.17	1.65
	118	9	0.74	0.12	0.80
LER543	0	24	0.47	0.07	0.51
	32	31	0.43	0.04	0.45
	69	29	0.93	0.15	1.01
	104	42	0.78	0.16	0.86
	152	77	0.69	0.06	0.72
LER544	27	12	0.41	0.07	0.45
	49	28	1.96	0.14	2.03
	82	47	0.53	0.03	0.55
	165	7	0.85	0.19	0.95
	179	15	1.36	0.29	1.51
	213	18	0.46	0.05	0.49
	243	9	0.46	0.04	0.48
	270	17	0.70	0.05	0.73
	LER545	23	23	0.45	0.06
51		27	0.31	0.04	0.33
102		19	0.46	0.06	0.49
127		4	0.31	0.02	0.32
144		4	0.61	0.05	0.64
157		20	0.40	0.04	0.42
196		21	0.33	0.03	0.35
225		4	0.53	0.05	0.56
236		6	0.46	0.04	0.48
258		12	1.05	0.13	1.12
LER546	7	15	0.46	0.05	0.49
	27	7	0.59	0.06	0.62
	39	16	0.72	0.08	0.76
	65	4	0.34	0.01	0.35
	74	11	0.38	0.03	0.40
	97	4	0.22	0.05	0.25
LER547	143	10	0.23	0.05	0.26
	28	9	0.22	0.08	0.26
	45	5	0.30	0.08	0.34
	93	12	0.29	0.06	0.32
LER548	20	4	0.46	0.10	0.51
	41	19	0.26	0.03	0.28
	71	16	0.34	0.04	0.36
LER549	96	5	0.84	0.26	0.98
	2	4	0.24	0.01	0.25
	17	26	0.35	0.03	0.37
LER550	60	7	0.34	0.03	0.36
	88	8	0.40	0.13	0.47
	39	14	0.32	0.04	0.34
	60	8	0.20	0.02	0.21
	84	31	0.39	0.07	0.43

Hole ID	From (m)	Width (m)	Cu (%)	Au (ppm)	Cu eq (%)
LER551	109	12	1.86	0.31	2.02
	129	41	0.52	0.08	0.56
	187	14	0.33	0.02	0.34
	218	11	0.49	0.06	0.52
	246	5	0.25	0.37	0.45
	257	4	0.32	0.07	0.36
LER552	10	26	0.37	0.07	0.41
	41	7	0.87	0.23	0.99
	54	5	0.75	0.45	0.99
	72	4	0.49	0.09	0.54
	81	13	0.91	0.15	0.89
LER553	100	4	0.43	0.09	0.48
	74	21	0.50	0.12	0.56
	103	17	0.46	0.09	0.51

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 utilized 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 series holes are NQ3 diamond drill holes drilled in 2005 for geotechnical purposes and never previously assayed

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: DESCRIPTION OF THE LITTLE EVA DEPOSIT

Resources	30.37 million tonnes @ 0.78% copper, 0.14 g/t gold (0.3% cut-off)					
Reserves	15.46 million tonnes @ 0.75% copper, 0.13g/t gold (2009 DFS)					
Number Of Drill Holes	RC	381				
	Core	56				
	Percussion	1				
Metres Drilled	RC	51,362m				
	Core	9,139m				
Comments	<p>Little Eva is the largest sulphide copper-gold deposit of IOCG style at Roseby. It is located approximately 6km north from the Blackard deposit.</p> <p>Fresh rock is overlain by a 5-25m thick weathered zone of copper oxide mineralisation. Copper occurs in both iron oxide and secondary oxide minerals (malachite).</p> <p>Mineralisation is hosted within an intermediate feldspar porphyry unit of probable volcanic or shallow intrusive origin, which strikes north and dips 60 degrees to the east. The porphyry ranges in width from 30m in the north to over 300m in the central zone. Mineralisation extends over a strike length of 1200m. In the north the porphyry is mineralised over its entire width. In the central zone, whilst mineralisation is ubiquitous, grades are lower.</p> <p>Copper is present as 0.1 to 2% coarse grained chalcopyrite in disseminations and veinlets on average, only minor amounts of other sulphide minerals are present. The host rock is veined and altered to a hematite-albite-carbonate-quartz assemblage.</p> <p>Mineralisation is present to depths of over 350m and remains open. Metallurgical testing established an expected copper recovery of 95.8% to a concentrate grading 27.3% copper and gold recovery of 94% for a concentrate grade of 5g/t gold.</p> <p>No metallurgical testwork has been completed on the oxide zone.</p> <p>The resource remains open to the south and to the immediate north, where fault offset hostrocks, geophysical anomalies and alteration assemblages have been identified over 1km.</p>					
Ten Best Intersections	Hole Number	From (metres)	Width (metres)	Copper (%)	Gold (g/t)	Intercept Description
	LER130	17	197	2.35	0.23	197m @ 2.35 %
	LER132	8	152	1.33	0.17	152m @ 1.33 %
	LER113	7	166	1.00	0.09	166m @ 1.00 %
	LER111	6	117	1.30	0.14	117m @ 1.30 %
	LER543	0	233	0.61	0.08	233m @ 0.61 %
	LER116	65	136	1.04	0.22	136m @ 1.04%
	LER035	14	66	1.82	0.15	66m @ 1.82%
	LER192	0	151	0.75	0.16	151m @ 0.75%
	LER276	0	178	0.59	0.04	178m @ 0.59%
	LER542	52	76	1.35	0.16	76m @ 1.35%

APPENDIX 4: RESOURCE ESTIMATES FOR THE ROSEBY PROJECT

Table 2: Roseby Resource Estimates by Deposit

DEPOSIT	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
NATIVE COPPER DOMINANT DEPOSITS														
Blackard	46.25	0.63	0.01	293,000	16,190	26.29	0.64	0.01	17.87	0.63	0.01	2.09	0.58	0.01
Legend	6.13	0.60	0.01	36,597	1,942							6.13	0.6	0.01
Longamundi	10.40	0.66	0.01	69,037	3,632							10.40	0.66	0.01
Great Southern	6.00	0.61	0.01	36,330	2,000							6.00	0.61	0.01
Scanlan	19.62	0.68	0.01	134,160	7,370				15.37	0.65	0.01	4.24	0.8	0.01
Charlie Brown	0.70	0.40	0.01	2,820	230							0.70	0.40	0.01
Caroline	3.60	0.53	0.02	18,820	2,390							3.60	0.53	0.02
Sub-total	92.70	0.64	0.01	590,764	33,754	26.29	0.64	0.01	33.24	0.63	0.01	33.16	0.63	0.01
SULPHIDE DOMINANT DEPOSITS														
Little Eva	30.37	0.78	0.14	237,690	132,230	3.84	1.04	0.13	22.81	0.75	0.13	3.72	0.73	0.15
Ivy Ann	4.00	0.72	0.12	28,800	15,432							4.00	0.72	0.12
Lady Clayre	3.70	0.88	0.51	32,747	59,309							3.70	0.88	0.51
Bedford	1.77	0.93	0.24	16,503	13,793							1.77	0.93	0.24
Sub-total	39.84	0.79	0.17	315,740	220,764	3.84	1.04	0.13	22.81	0.75	0.13	13.19	0.80	0.26
TOTAL	132.54	0.68	0.06	906,504	254,518	30.13	0.69	0.03	56.05	0.68	0.06	46.35	0.68	0.08

* Refer to ASX Release dated January 11, 2011 for full details

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